DT CONSULTING SERVICES, INC. & BELLUCCI ENGINEERING, PLLC

Remedial Investigation Report

Willow Brook Rentals LLC
10-14 Tucker Drive
Town of Poughkeepsie
Dutchess County, New York

BROWNFIELD CLEANUP PROGRAM (BCP)
SITE NUMBER C314132

Revised July 11, 2024

July 11, 2024

Mr. Ryan Richard
New York State Department of Environmental Conservation
Division of Environmental Remediation
21 South Putt Corners Road
New Paltz, New York 12561

RE: Remedial Investigation Report - REVISED
Willow Brook Rentals LLC
10-14 Tucker Drive
Poughkeepsie, Dutchess County, New York
Site No.: C314132

Dear Mr. Richard:

DT Consulting Services, Inc. (DTCS) and Bellucci Engineering, PLLC (BE) are pleased to present this *Remedial Investigation Report - Revised* for the above referenced property. This report documents the Site characterization conducted at the Site as outlined in the November 14, 2022, *Remedial Investigative Work Plan (RIWP) and the Supplemental Remedial Investigative Work Plan (SRIWP) dated February 16, 2024*. If you should have any questions or require additional information, please contact our office.

Respectfully submitted,

Daniel Bellucci, P.E.
Bellucci Engineering, PLLC

Deborah Thompson, Senior Geologist
DT Consulting Services, Inc.

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1.0 INTRODUCTION AND BACKGROUND

The Subject Property is located at 10-14 Tucker Drive in the Town of Poughkeepsie, Dutchess County, New York (heretofore referenced as the Site or Subject Property). Refer to Figures 1 & 2 for a Site Location and Site Base maps, respectively. A portion of the Site has been accepted into the BCP Program (BCP Site # C314132); see Figure 2 for reference. Prior investigation activities have been conducted on the Site and the results of those investigations were submitted to the Department along with the BCP Application. A Revised Remedial Investigation Work Plan (RIWP), dated November 14, 2022, was approved by the New York State Department of Environmental Conservation (NYSDEC or "Department") on November 28, 2022. The expressed purpose of this RI work is to provide current soil vapor conditions beneath the Site structure and along the periphery of the BCP boundaries, to document the composition and characteristics of surface and subsurface soils, to document local groundwater quality conditions and direction of groundwater flow, and to provide guidance on the selection and implementation of a Remedial Action program for the Site.

2.0 SITE INFORMATION

The Site includes an irregularly shaped 5.826 lot which is referenced under Section 6262, Block 3, Lot 162080 by the Town of Poughkeepsie. The portion of the Site accepted into the BCP includes an approximate 2.52-acre portion of the Site (as referenced on Figure 2). The Subject parcel is improved with a +/- 55,423 ft^2 two-story commercial warehouse/office building, asphalt parking areas and landscaped spaces. Approximately 50% of the building is warehouse storage space and the remaining 50% is occupied by various commercial enterprises. According to Town of Poughkeepsie Assessor records, the building was constructed in 1984. The Site is suspected to have been associated with a landfill as disturbed land was noted in at least 1970 and 1980 aerial photographs. Additionally, portions of the building have historically been utilized for bus repair and fueling operations. According to documents reviewed and based upon prior site inspections, petroleum bulk storage (PBS) tanks including one, 10,000-gallon baffled diesel/gasoline aboveground storage tank (AST), several 275 – 300 gallon ASTs for motor oil and washer fluid as well as two, 1,000-gallon ASTs (fuel type not noted) have been utilized at the Site. There is no evidence of any underground storage tanks (USTs) existing at the Site and as of the date of this report, all ASTs appear to have been removed.

Historically, a total of three spills have been reported to the New York State Department of Environmental Conservation (NYSDEC) for the Site. Spill #08-08935 was reported on November 7, 2008, based on the release of 5-gallons of diesel fuel to soil. According to the database, the spill was associated with the bus maintenance garage, and the cause of the release was unknown. The spill was closed by NYSDEC on November 7, 2008. Spill #09-07487 was reported on October 3, 2009, based on the release of 10-gallons of No. 2 fuel oil. The source of the spill was reported to be a commercial vehicle. The spill was closed by NYSDEC on October 5, 2009. Spill # 09-04392 was reported on July 15, 2009, based on the release of an unknown quantity of diesel to soil. The source of the spill is unknown. The spill was closed by NYSDEC on December 31, 2009. In March 2017, DT Consulting Services, Inc. (DTCS) performed a Phase II Environmental Site Assessment on the Subject Property for then owner, 10 Tucker Drive, LLC. As a result of the investigation, Spill #16-10111 was generated for the Site based upon subsurface impacts to soil, groundwater and soil vapor (along with advective transport of vapor phase contaminants towards and into the Site structure – vapor intrusion). The spill remains open at this time.

The Site is bounded by commercial properties to the north, south and west, and wetlands to the east. Roadways adjoining the site include Tucker Drive to the west. Topography is generally level across most of the Site, with a slight decline to the east. A property location map and a Site Base map are presented as Figures 1 and 2, respectively. Potable water and wastewater disposal are reportedly provided by the Town of Poughkeepsie. No groundwater supply wells were observed by representatives of this office during site inspections and no groundwater supply wells are known to be present or used on adjoining or nearby properties.

ASTM Phase I and Phase II Environmental Site Assessments were conducted at the Site in July 2015 and March 2017, respectively. As a result of such prior investigation activities, the following areas of potential environmental concern and/or "recognized environmental conditions" (RECs) were identified and are associated with the Subject Property:

- Groundwater contamination issues associated with the historic landfill operated by the Town of Poughkeepsie under and near the Site (hereinafter Town landfill) and/or former bus repair/ fueling operations at the Site.[1]

- Soil vapor impacts, including petroleum and chlorinated VOCs associated with the historic Town landfill and/or former bus repair/ fueling operations, along with methane associated with the historic Town landfill;

- Indoor air impacts, including chlorinated VOCs (namely tetrachloroethylene and trichloroethylene), methane and benzene associated with the historic Town landfill and/or former bus repair/ fueling operations;

This report summarizes the remedial investigation field study conducted at the Site between December 27 and 29, 2022 and on February 9, 2023. The purpose of the Remedial Investigation (RI) on the Subject Property was to assess Site-wide soil and groundwater, evaluate potential off-Site soil vapor impacts, evaluate the extent of vapor impacts beneath the building, and to collect sufficient data to determine whether mitigation of the Site structure is warranted or if alterations to the existing mitigation system are necessary.

[1] Durham School Services operated a trucking/transportation company (mainly student transportation for the local school district) out of the facility until its departure in 2017. The bus repair/fueling operations noted as a REC for the Subject Property included the aboveground bulk storage of petroleum products (i.e., gasoline, diesel, motor oil and waste oil) which were utilized to operate and maintain the buses and transport vehicles. According to the NYSDEC database, bulk storage Site No. 3-602053 (which was historically assigned to the Site) is presently unregulated/closed.

3.0 ADDITIONAL SITE CHARACTERIZATION

3.1 SOIL BORINGS

A total of seven exterior soil borings were advanced throughout the property and along the property boundaries. See Figure 3 for the soil boring locations. Soil boring locations for prior 2017 investigations are also noted in Figure 3.

On December 28th, 2022, DTCS/BE oversaw advancement of the investigative borings on the Site. The on-Site geologist/engineer screened the soil samples for environmental impacts and collected samples for laboratory analysis. All fieldwork associated with the soil sampling program complied with the safety guidelines as outlined in the Site-Specific Health and Safety Plan (HASP) and Community Air Monitoring Program (CAMP), provided in the RIWP. The investigative borings were advanced to depths ranging from 20 to 25 feet below ground surface (bgs) using direct push Geoprobe® 7822DT drill rig advancing a five-foot macro core sample rod. The drill rods were periodically screened for % LEL. LEL readings greater than 0% were not observed during the advancement of the soil borings. Soil was collected continuously to the boring termination depth using disposable acetate sleeves. Generally, soil borings were extended to depths of 20-25 feet bgs. These depths were sufficient to identify the native soil horizon located beneath the landfill layer at depths between 9 and 10 feet bgs in the boring locations. Each sample was screened for organic vapors with a photo-ionization detector (PID) and evaluated for visual and olfactory indications of environmental impacts. Soil descriptions and PID readings were recorded in boring logs included as Appendix A.

A minimum of three soil samples (one shallow, one middle and one deep) were collected from each soil boring. An additional shallow surface sample (0-6") was collected at SB-5 which was advanced in a landscaped area with no asphalt or concrete cap. The table below summarizes the soil sample designation and collection depths.

Soil Sample Designation	Soil Sample Depth (Feet bgs)	Soil Sample Designation	Soil Sample Depth (Feet bgs)
SB-1A	1-2	SB-5A	0-6"
SB-1B	10-12	SB-5B	1-2
SB-1C	18-20	SB-5C	16-18
SB-2A	1-2	SB-5D	23-25
SB-2B	10-12	SB-6A	2-4
SB-2C	18-20	SB-6B	10-12
SB-3A	3-5	SB-6C	23-25
SB-3B	14-16	SB-7A	2-4
SB-3C	18-20	SB-7B	9.5-11.5
SB-4A	3-5	[1]SB-7C	18-20
SB-4B	14-16		
SB-4C	18-20		

[1] *Duplicate sample collected for SB-7C*

Generally, PID readings greater than 0.0 parts per million (ppm) were not observed in the samples screened. Slightly elevated PID readings were recorded in the landfill horizon of soil borings SB-2 and SB-3 ranging from 1.0 to 2.5 ppm. No olfactory evidence of contamination was documented in any of the soil samples collected, including those with slightly elevated PID headspace readings. Each soil boring was advanced to a sufficient depth (20 or 25 feet bgs) to completely delineate the vertical extent of the landfill layer. Refer to soil boring logs in Appendix A for additional details. All investigation-derived waste (IDW) was contained in DOT-approved 55-gallon steel drums for appropriate characterization and disposal by DTCS/BE.

Particulate and VOC monitoring was conducted continuously during ground intrusive work associated with the installation of each soil boring as per the NYSDEC/NYSDOH approved CAMP. No exceedances of the thresholds for VOCs and/or particulate set forth in the CAMP were observed. Field data sheets associated with the CAMP are included in Appendix B.

Each sample was collected for laboratory analysis of VOCs, Semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) Metals, Pesticides, Polychlorinated Biphenyls (PCBs), and Per- And Polyfluoroalkyl Substances or PFAs, Cyanide, and 1, 4-Dioxane via USEPA test methods 8260, 8270, 3050B/7473, 8081, 8082, and 1633, respectively. Field quality control measures including duplicate, trip and field blanks were also collected and submitted to the laboratory for analysis.

3.1.1 Soil Sampling Results

A total of twenty-three soil samples were collected from seven soil boring locations (including one duplicate sample). The soil sample results are summarized in Table 1 and are compared with NYSDEC 6 NYCRR Part 375-8.8(a) Unrestricted Use and NYCRR Part 375-8.8(b) Commercial Use Soil Clean Up Objectives or SCOs. Spider maps showing exceedances of Unrestricted and Commercial Use SCOs recorded during this RI are included as Figures 4, 5, 6 and 7. A spider map showing exceedances of April 2023 guidance document titled, “Sampling, Analysis, and Assessment of PFAS” is included as Figure 8. The complete laboratory analytical reports have been placed in Appendix C for reference.

VOCs

Acetone, a common laboratory derived contaminant, was detected in two soil samples (denoted as SB-4 & SB-5) in January 2017 at concentrations of 0.060 and 0.0630 mg/kg. The concentrations exceed the Unrestricted Use SCO (0.05 mg/kg) but are well below the Commercial Use SCO (500 mg/kg). Additional VOCs detected in January 2017 did not exceed Unrestricted or Commercial Use SCOs.

Total xylenes were detected in one soil sample (denoted as SB-5C) collected during the December 2022 RIR investigation at a concentration of 0.270 mg/kg. The concentration narrowly exceeds

the Unrestricted Use SCO (0.26 mg/kg) but is well below the Commercial Use SCO (500 mg/kg). Additional VOCs detected in in the December 2022 RIR investigation did not exceed Unrestricted or Commercial Use SCOs.

SVOCs

Several SVOCs were detected in the soil samples collected above laboratory detection limits. The detected concentrations were below both Unrestricted and Commercial Use SCOs. The detected concentrations were primarily in the shallow samples collected.

Pesticides

4,4-DDD was detected in two soil samples (denoted as SB-6B and SB-7B) collected during the December 2022 RIR investigation at concentrations of 0.0101 and 0.0136 mg/kg, respectively. The concentrations exceed the Unrestricted Use SCO (0.0033 mg/kg) but are well below the Commercial Use SCO (92 mg/kg). 4,4-DDE was detected in one soil sample (denoted as SB-7B) at a concentration of 0.00704 mg/kg. The concentration exceeds the Unrestricted Use SCO (0.0033 mg/kg) but is well below the Commercial Use SCO (62 mg/kg). 4,4-DDT was detected in one soil sample (denoted as SB-6B) at a concentration of 0.0232 mg/kg. The concentration exceeds the Unrestricted Use SCO (0.0033 mg/kg) but is well below the Commercial Use SCO (47 mg/kg). Dieldrin was detected in one soil sample (denoted as SB-7B) at a concentration of 0.00521 mg/kg. The concentration exceeds the Unrestricted Use SCO (0.005 mg/kg) but is well below the Commercial Use SCO (1.4 mg/kg). Additional pesticides detected in the December 2022 RIR investigation did not exceed Unrestricted or Commercial Use SCOs.

Metals

Cadmium was detected in one shallow soil sample (denoted as SB-2A) at a concentration of 12 mg/kg. The concentration exceeds both the Unrestricted Use SCO (2.5 mg/kg) and the Commercial Use SCO (9.3 mg/kg). Cadmium did not exceed Unrestricted or Commercial Use SCOs in the remaining soil samples collected from the Site, or samples collected at deeper intervals from SB-2. Copper was detected in three soil samples (denoted as SB-2A, SB-3A and SB-4B) at concentrations of 121, 71.7 and 78 mg/kg, respectively. The concentrations exceed the Unrestricted Use SCO (50 mg/kg) but are below the Commercial Use SCO (270 mg/kg). Lead was detected in two soil samples (denoted as SB-3A and SB-5B) at concentrations of 121, 71.7 and 78 mg/kg, respectively. The concentrations exceed the Unrestricted Use SCO (50 mg/kg) but are below the Commercial Use SCO (270 mg/kg). Nickel was detected in eighteen of the twenty-three soil samples (denoted as SB-1B, SB-1C, SB-2B, S-2C, SB-3A, SB-3B, SB-3C, SB-4B, SB-4C, SB-5C, SB-5D, SB-6A, SB-6B, SB-6C, SB-7A, SB-7B, SB-7C and SB-7C Dup) at concentrations ranging from 31.3 to 50.8 mg/kg. The concentrations exceed the Unrestricted Use SCO (30 mg/kg) but are below the Commercial Use SCO (310 mg/kg). Zinc was detected in seven of the twenty-three soil samples (denoted as SB-2A, SB-3A, SB-4B, AB-5A, SB-6C, SB-7B and SB-7C Dup) at concentrations ranging from 113 to 138 mg/kg. The concentrations exceed the Unrestricted Use SCO (109 mg/kg) but are well below the Commercial Use SCO (10,000 mg/kg). Mercury was detected in one soil sample (denoted as SB-5B) at a concentration of 0.192 mg/kg.

The concentration exceeds the Unrestricted Use SCO (0.18 mg/kg) but is below the Commercial Use SCO (2.8 mg/kg).

Additional TAL metals were reported in shallow and deep soils across the Site but were found below both Unrestricted and Commercial Use SCOs once compared to the regulatory standards.

Lead was the only soil contaminant which was detected in groundwater above its Ambient Water Quality Standard (AWQS). The groundwater monitoring well where lead was detected above the AWQS was MW-4, where lead was not detected in soil above the Unrestricted Use SCO. Groundwater samples collected from the monitoring wells in the two locations where lead in soil exceeds the Unrestricted Use SCO (SB-3 and SB-5) did not contain concentrations of lead above the AWQS. Additionally, the detected concentrations of lead in soil are all below the Protection of Groundwater (POG) SCO of 450 mg/kg.

PCBs

Total PCBs were detected in three soil samples (denoted as SB-2A, SB-3B and SB-7B) at concentrations of 0.381, 0.212 and 0.261 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO (0.1 mg/kg) but are below the Commercial Use SCO (1 mg/kg). Additional low-level PCBs were detected at SB-6, below both Unrestricted and Commercial Use SCOs.

PFAS

Perfluorooctanesulfonic acid (PFOS) was detected in two soil samples (denoted as SB-4B and SB-5A) at concentrations of 1.61 and 1.26 micrograms per kilogram (µg/kg), respectively. The concentrations exceed the Unrestricted Use Guidance Value[2] (0.88 µg/kg) but are well below the Commercial Use Guidance Value (440 µg/kg). Additional PFAS detected in soil did not exceed Part 375 published Guidance Values.

3.2 GROUNDWATER MONITORING

Following completion of the soil sampling, each of the seven soil borings were converted into a permanent 1-inch PVC groundwater monitoring well. The wells were constructed of 10 feet of 0.01 slot schedule 40 PVC well screen and completed to grade with solid schedule PVC riser pipe. The annulus around the well screen was backfilled with No. 2 filter sand and sealed with a 1-foot bentonite layer. Each well was then finished at grade surface with steel flush-mount road boxes set in approximate 2'x 2' concrete pad. Details regarding the well installations are included in the boring / well completion logs (Appendix A). Following installation, each well was developed by rapidly pumping the wells to remove entrained silt and sediment from the sand pack and well screen and ensure connectivity with the surrounding shallow groundwater table. A minimum of three to five well volumes were removed from each well during development. Groundwater samples were collected from each of the newly installed monitoring wells (MW-1 through MW-

[2] *NYSDEC Part 375 Remedial Soil Guidance PFAS Commercial-October 2020*

7; See Figure 3). It should be noted that only a VOC sample could be collected from MW-2 based on the lack of sufficient recharge following the development of the well. Prior to sampling, water level measurements were recorded to the nearest 0.01-foot prior sampling and a minimum of 3 well volumes were purged from each where sufficient recharge would allow. Groundwater purge logs are included in Appendix A. The table below includes groundwater sampling/ gauging data and observations.

Well ID	Depth to Water (TOC[1])	Total Depth (TOC[1])	Purge Volume (gal)	Tubing Sample Depth (Feet bgs)	Odor (Y/N)	Sheen (Y/N)
MW-1[2]	4.58	15	1.5	14	N	N
MW-2	8.30	15	1[3]	14	N	N
MW-3	9.50	15	1.5	14	N	N
MW-4	7.59	15	1.5	14	N	N
MW-5	6.41	15	1.5	14	N	N
MW-6	7.50	15	2	14	N	N
MW-7	4.64	15	3.5	14	N	N

TOC[1] – Depth to water and total depths measured to top of PVC casing.
[2] Duplicate sample collected for MW-1
[3] Insufficient recharge in MW-2 for additional purging

The sampling was conducted in accordance with field sampling procedures outlined in Section 6.0 of the November 14, 2022, *Revised Remedial Investigative Work Plan*. While conducting groundwater well development and sampling procedures, all IDW was placed in DOT-approved 55-gallon steel drums for appropriate characterization and disposal by DTCS/BE. Each sample was analyzed for VOCs, SVOCs, TAL Metals, Pesticides, PCBs, PFAs, Cyanide, and 1, 4-Dioxane via USEPA test methods 8260, 8270, 3050B/7473, 8081, 8082, and 1633 respectively. As noted above, samples for SVOCs, TAL Metals, Pesticides, PCBs, PFAs, Cyanide, and 1, 4-Dioxane analysis were not obtained from MW-2 based on the lack of sufficient recharge. Field quality control measures including trip and field blanks, along with a duplicate sample from MW-1, were collected and submitted to the laboratory for chemical analysis. The complete laboratory analytical reports have been placed in Appendix C for reference.

3.2.1 Groundwater Sampling Results

The groundwater sample results are summarized in Table 2 and compared with the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS) and the April 2023 Guidance for Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS). Spider maps showing VOC, SVOC, and TAL Metal exceedances above AWQS are included as Figures 9, 10 and 11. A spider map showing exceedances of PFAS above regulatory guidance is included as Figure 12. The complete laboratory analytical reports are included in Appendix C.

VOCs

1,4-Dichlorobenzene was detected in MW-3 at a concentration of 7.31 micrograms per liter (µg/L) above the AWQS (3 µg/L). Benzene was detected in MW-2 at a concentration of 7.13 µg/L above the AWQS (1 µg/L). Chlorobenzene was detected in MW-2, MW-3 and MW-4 at concentrations of 83.9, 92.6 and 35.9 µg/L, respectively. These detections are above the AWQS (5 µg/L). Additional low-level VOCs were detected above laboratory detection limits in Site groundwater but below their respective AWQS.

SVOCs

Benzo(a)anthracene was detected in MW-1 Dup and MW-3 at concentrations of 0.0513 and 0.0615 µg/L, respectively. These detections are above the AWQS (0.002 µg/L). Bis(2-ethylhexyl)phthalate was detected in MW-7 at a concentration of 7.98 µg/L above the AWQS (5 µg/L). Additional low-level SVOCs were detected above laboratory detection limits in Site groundwater but below their respective AWQS.

Pesticides

Pesticides were not detected in the groundwater samples collected from the Site.

Metals

Lead was detected in MW-4 at a concentration of 42.8 µg/L above the AWQS (25 µg/L). Magnesium was detected in MW-3 and MW-7 at concentrations of 45,300 and 40,600 µg/L, respectively. These detections are above the AWQS (35,000 µg/L). Manganese was detected in each well at concentrations ranging from 448 to 3,340 µg/L. These detections are above the AWQS (300 µg/L). Sodium was detected in each well at concentrations ranging from 42,500 to 418,000 µg/L. These detections are above the AWQS (20,000 µg/L). Additional low-level metals were detected above laboratory detection limits in Site groundwater but below their respective AWQS.

PCBs

PCBs were not detected in the groundwater samples collected from the Site.

PFAS

PFOS was detected in MW-1 & MW-1 Dup, MW-3, MW-4, MW-5 and MW-6 at concentrations of 14.2, 15.4, 160, 75.5, 7.63 and 6.61 nanograms per liter (ng/L), respectively. The concentrations of PFOS in these wells exceed the NYSDEC April 2023 groundwater guidance which sets the human health criteria at 2.7 ng/L. Perfluorooctanoic acid (PFOA) was detected in MW-1, MW-3 and MW-4 at concentrations of 7.27, 42.5 and 16.1 ng/L, respectively. The concentrations of PFOAs in these wells exceed the 6.7 ng/L groundwater quality standard when compared to the NYSDEC April 2023 human health criteria for PFOAs. Additional low-level PFAS were detected above laboratory detection limits in Site groundwater but below their respective water quality guidance values.

3.2.2 Relative Groundwater Elevation Survey

Each of the seven Site wells were gauged using an electronic interface probe during the December 2022 RI field work. The depth to water readings, as measured to the top of PVC well casing, were used in conjunction with elevation survey data collected from each well. An arbitrary datum of 100.00 feet bgs was applied to a benchmark, and corresponding relative elevations for depth to water were established for each monitoring well. The table below depicts groundwater elevations as recorded during the January 5, 2023, monitoring event.

Well ID	Depth to Water (TOC[1])	Relative Elevation (Feet bgs)
MW-1	4.59	92.77
MW-2	8.30	91.70
MW-3	9.50	91.26
MW-4	7.59	90.86
MW-5	6.41	88.75
MW-6	7.50	93.24
MW-7	4.64	93.37

TOC[1] – Depth to water and total depth recordings were measured from top of PVC casing and recorded in ft. bgs.

The relative groundwater elevations along with contour lines are included as Figure 19 – Groundwater Contour Map for January 5, 2023. Based upon the assumption that groundwater flows perpendicular to lines of equal elevation in an isotropic, homogenous system, groundwater on-Site generally flows in a southeasterly direction across the northern portion of the Site, and a southerly direction across the southern portion of the Site. Wetlands are located to the east and southeast of the Site and are the presumed receiving body for Site groundwater. In addition to the adjacent wetlands, the Casperkill Creek is also a presumed receiving water body downgradient of the BCP Site.

3.3 EXTERIOR SOIL GAS POINT INSTALLATION

A total of seven temporary exterior soil gas sampling points, designated SV-1R, SV-2, SV-3, SV-4, SV-5, SV-6 and SV-7 were installed along the BCP Site Boundary (see Figure 3). The summa canister connected to SV-1 did not properly collect the sample over the allotted sample duration (8 hours) during the initial December 28, 2022, sampling event. Accordingly, a new sample (designated SV-1R) was collected from the location of SV-1 on January 5, 2023.

The soil gas points were installed by advancing 1.25-inch solid stem direct-push sample rods to depths of 5-feet bgs. A dedicated soil vapor implant was installed at the base of the borehole and connected to the surface with dedicated high density polyethylene tubing. The annulus around the vapor implant was filled with No. 2 filter sand to approximately 3-feet bgs. The remaining borehole space was sealed with hydrated bentonite to the surface. Following installation, a Mini Rae photoionization detector (which registers airflow below 0.2 liters per minute) was attached to the high-density polyethylene tubing and a minimum of three sample volumes was purged from each

point. The maximum VOC readings recorded for each soil gas point during purging are presented in the table below.

Soil Gas Point	PID Reading in PPM (max)
SV-1R	0.0
SV-2	0.0
SV-3	9.8
SV-4	0.0
SV-5	0.0
SV-6	0.4
SV-7	15.8

The soil gas samples were collected for analysis in batch clean SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for an 8-hour sample duration. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and after sampling to document that the soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain.

Following sampling, the pressure of the SUMMA canister was recorded, and each soil gas point was removed from the ground, plugged with bentonite chips, and sealed at the surface with asphalt. The soil vapor samples were analyzed for VOCs (USEPA Method TO-15) by a NYSDOH-approved laboratory. The complete laboratory analytical reports have been placed in Appendix C for reference.

3.3.1 Exterior Soil Gas Sampling Results

The exterior soil gas results are summarized in Table 3. A spider map showing VOC detections in exterior soil gas is included as Figure 13. Elevated methane was detected in each of the exterior soil vapor points at concentrations ranging from 43 to 1,700,000 ppmv. Methane was not detected in the ambient outdoor air sample. Elevated petroleum VOCs were detected in SV-2, including benzene (3,200 µg/m^3), chlorobenzene (2,500 µg/m^3) cyclohexane (6,700 µg/m^3), n-heptane (3,100 µg/m^3) and n-hexane (4,500 µg/m^3). Peak concentrations of trichloroethylene (TCE) (27 µg/m^3) and vinyl chloride (78 µg/m^3) were also detected at SV-2. Tetrachloroethylene (PCE) was detected in the exterior soil vapor samples at low levels ranging from 0.56 to 30 µg/m^3. Additional low-level exterior soil vapor contamination, typical of well-developed urban settings, has been identified at the Site.

3.4 SUB-SLAB SOIL GAS AND AIR SAMPLING

A total of eleven permanent interior sub-slab soil gas monitoring points (SG-1 through SG-11) were installed at the Site during the RI (see Figure 3). Concrete thickness ranged from 8 to 10-inches in each location. Co-located indoor air samples were also gathered from locations proximal

to each soil gas point. To quantify potential background VOC concentrations, one outdoor ambient air sample was collected from an upwind location. The outdoor ambient air sample data is included in Table 3.

Prior to sampling, a minimum of three sample volumes were purged from each point using a PID as described above. Each sample location was also screened for % LEL. The maximum VOC readings and % LEL recorded for each soil gas point during purging are presented in the table below.

Soil Gas Point	PID Reading in PPM (max)	% LEL
SG-1	0.6	0
SG-2	0.1	0
SG-3	0.0	0
SG-4	1.6	0
SG-5	0.8	0
SG-6	3.0	0
SG-7	0.2	0
SG-8	0.6	0
SG-9	3.0	0
SG-10	0.0	0
SG-11	1.8	0

The soil gas and ambient air samples were collected for analysis in batch clean SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for an 8-hour sample duration. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and after sampling to document that the soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain.

The soil vapor and indoor/ outdoor air samples were analyzed for VOCs (USEPA Method TO-15) by a NYSDOH-approved laboratory. The complete laboratory analytical reports have been placed in Appendix C for reference.

3.4.1 Sub-slab Soil Gas and Indoor Air Sampling Results

The sub-slab soil gas sample results (January 2017 and December 2022) are summarized in Table 4. The indoor and outdoor air sample results (March 2017 and December 2022) are summarized in Table 5. Spider maps showing VOC detections in interior soil gas and indoor air are included as Figures 14 and 15.

As documented in the RIWP, several VOCs were detected in sub-slab soil gas sample SG-2 collected in January 2017. Of note, elevated TCE (31 µg/m^3) and methane (250,000 ppmv) were detected in the eastern portion of the building.

December 2022 sub-slab soil vapor samples were collected throughout the building to provide current building-wide soil gas concentrations. The existing SSDS was shut off on December 27, 2022, 1-day prior to sample collection. The SSDS remained off for the duration of the sub-slab soil gas and indoor air sampling events. Low-level VOC (both petroleum and chlorinated VOCs) were detected in sub-slab soil gas throughout the Site. Methane concentrations ranged from non-detect to 107,000,000 ppmv. Elevated levels of acetone (peak concentration 1,500 µg/m^3) and tetrahydrofuran (peak concentration 2,400 µg/m^3) were detected in SG-9 and SG-10 collected from the SSI Aeration tenant space. This tenant was observed to regularly use PVC glue and primers for its onsite pipe assembly operations. Acetone and tetrahydrofuran are primary chemical components of PVC glues and primers, and the soil gas detections are likely attributable to elevated indoor concentrations noted in the indoor air sample results discussion below. Additional low-level sub-slab soil gas contamination, typical of well-developed urban settings, has been identified at the Site. Although reported, said laboratory reported parameters are not likely to be indicative of grossly contaminated on-Site subsurface medium, or be a source of significant off-Site migration.

Elevated PCE (peak concentration 120 µg/m^3) and TCE (peak concentration 220 µg/m^3) were detected in indoor air samples collected in March 2017. The concentrations of PCE (peak concentration 0.990 µg/m^3) and TCE (peak concentration 0.550 µg/m^3) were significantly lower during the December 2022 sampling event. TCE was not detected in eight of the eleven air samples collected. Elevated levels of 2-butaanone (peak concentration 2,900 µg/m^3), acetone (peak concentration 4,700 µg/m^3), and tetrahydrofuran (peak concentration 7,500 µg/m^3) were detected in IA-9 and IA-10 collected from the SSI Aeration tenant space. As noted above, these VOCs are primary chemical components in PVC glue and primers, which are commonly used within the SSI Aeration tenant space from which IA-9 and IA-10 were collected. Methane concentrations ranged from non-detect to 6,110 ppmv in December 2022/ January 2023 samples. The highest methane concentrations in soil gas and indoor air were located in the eastern portion of the building (SG-11/ IA-11). The methane concentration at IA-11 is equal to 0.6% and is below the LEL action level of 10%. This portion of the building does not have an active sub-slab depressurization system. Methane in indoor air in other portions of the building was much lower with a peak concentration of 50 ppmv or 0%.

A comparison of the sub-slab soil gas and indoor air data (December 2022) with the New York State Department of Health May 2017 Decision Matrices is provided in Table 6. The DOH Matrices include select cVOC compounds, including 1,1-DCE, cis-1,2-DCE, carbon tetrachloride, TCE (Matrix A), PCE, 1,1,1-TCA, methylene chloride (Matrix B) and vinyl chloride (Matrix C). A comparison of the data does not yield a "Mitigate" result in any of the sampled locations. A result of "Monitor" for TCE at SG-8/ IA-8 and vinyl chloride at SG-11/ IA-11 was produced based on the NYSDOH matrix comparison. Both of these sample locations are slab-on-grade potions of the building which do not have a sub-grade piping network and active depressurization. Although the NYSDOH matrix comparison does not indicate mitigation is required, the elevated methane concentration at SG-11/ IA-11 should be addressed by active depressurization.

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3.5 CAMP FIELD DATA

CAMP field data sheets are included in Appendix B. PM10 and PID readings were recorded approximately every 15-mintues during RIR field activities in accordance with the CAMP.

PID readings greater than background levels were not recorded during the field activities and thus did not exceed the Action Level specified within the CAMP (5 ppm).

PM10 readings significantly above background levels were not recorded during any of the December 2022 or February 2023 RI field activities and thus did not exceed the Action Level specified within the CAMP (100 µg/m^3).

3.6 Site Geology/Hydrogeology/Landfill Mass

Geologic mapping of the area reveals the underlying bedrock as belonging to the Trenton Group, consisting of the Taconic Melange. Taconic Melange is a chaotic mixture of Early Cambrian through Middle Ordovician pebble to block-size clasts in a politic matrix of Middle Ordovician age. The thickness ranges up to 8,000 feet. Based upon surficial geologic characterization performed on-Site, the Subject Property is underlain with varying thicknesses of mixed fill (~ 5ft. - upwards of 10-ft.), underlain by a len(s) of municipal waste and silty clay. See Attachment A for detailed descriptions of the surficial geology encountered during this RI.

The BCP Site is situated regionally in the Lower Hudson Major Drainage Basin and locally within the Hudson - Wappinger Sub-Basin. The Subject Property does not have any open water bodies or surficial water bodies located on-Site. Of note, the nearest water body is denoted as Casper Creek and is located to the east of the Site. A site-specific hydrogeological study was performed during this RI to assist in determining groundwater quality and flow direction. The relative groundwater elevations along with contour lines are included as Figure 19 – Groundwater Contour Map for January 5, 2023. Based upon the assumption that groundwater flows perpendicular to lines of equal elevation in an isotropic, homogenous system, groundwater on-Site generally flows in a southeasterly direction across the northern portion of the Site, and a southerly direction across the southern portion of the Site. Wetlands are located to the east and southeast of the Site and are the presumed receiving body for Site groundwater. In addition to the adjacent wetlands, the Casperkill Creek is also a presumed receiving water body downgradient of the BCP Site.

As stated in Section 2 of this RIR, the Site is suspected to have been associated with a landfill as disturbed land was noted in at least 1970 and 1980 aerial photographs. Additional data as collected during historical environmental surveys of the Site has the property documented as being utilized by the Town of Poughkeepsie as a municipal landfill. Soil borings advanced during this RI revealed the presence of waste debris (i.e., paper, wood and plastics) at depths beginning at five feet below grade and at a maximum depth of eighteen feet below grade. The average thickness of the debris layer was approximately four feet, with a maximum thickness of nine feet of municipal

waste (See Figure 16 for reference). Subsurface soils encountered beneath the debris layers were classified as silty clay. Note that municipal solid waste landfill debris was documented within each of the seven soil borings advanced during the RI and is likely to extend outside the investigative area. Please see attached soil boring logs placed in Appendix A for further details.

4.0 PHASE I – EXISTING SSDS PILOT TEST FIELD ACTIVITIES

The purpose of the pilot test was to evaluate the effectiveness of the existing SSDS fans and piping network. Field activities were conducted on December 29, 2022, January 5, 2023, and February 9, 2023 (Phase I - Existing SSDS). Tables 7, 8, 9, 10 and 11 include the tabulated data collected during the pilot test. Figure 3 depicts the locations where the existing SSDS sub-grade piping network daylights outside the building, along with the locations of soil gas/vacuum monitoring points utilized during the pilot test program. Figure 17 shows the estimated radius of influence generated during the Phase I testing conducted at the Site.

Expansion joints are present throughout the raised portions of the building to allow for movement of the building slab as the sub-grade settles over time. Despite the large undulations in the building slab as result of the decay and settling of the sub-grade landfill materials, significant sub-slab vacuum loss was not observed at these expansion joint locations during testing, confirming the competency of the slab beneath the surface expansion joints. A vapor barrier was likely installed beneath the slab which may contribute to the lack of air loss despite the undulations in the slab from settling.

Additional monitoring of the expansion joints will be conducted during system startup of the SSDS to be modified in this portion of the building. Should additional testing indicate air loss, efforts to seal these joints will be made and will be outlined in a SSDS Design Document.

4.1 PHASE I - EXISTING SSDS TESTING

An SSDS piping network and powered fans were installed as part of building construction in 1984. The SSDS was installed as a precautionary measure to prevent the accumulation of methane gas from beneath the slab and within the building, as a result of the known sub-grade landfill materials. During Phase I of pilot testing, a total of seven 4-inch PVC horizontal SSDS pipes were observed along the eastern portion of the building. According to information provided by the Site owner, these SSDS pipes run beneath the existing slab horizontally in a gas permeable layer from the western portion of the building and daylighting through the concrete wall along the eastern portion of the building. Five of the seven pipes have powered fans. Figures 3 and 17 depict the approximate location of the sub-grade SSDS pipes as provided by the Site owner. The table below contains the information gathered on the existing SSDS.

SSDS Designation	Existing Fan Type	Pipe Diameter/ Materials
SSD-1	RP145C	4” PVC drainpipe
SSD-2	RP145C	4” PVC drainpipe
SSD-3	RP145C	4” PVC drainpipe
SSD-4	Suncourt 08206C	4” Sch. 40 PVC pipe
SSD-5	No SSDS Fan	4” Sch. 40 PVC pipe
SSD-6	Suncourt 08206C	4” PVC drainpipe
SSD-7	No SSDS Fan	4” PVC drainpipe

4.2 PHASE I - PILOT/ DIAGNOSTIC TESTING

After completion of indoor air and sub-slab soil gas sampling on December 28, 2022, the SSDS fans were turned back on. The sub-sab soil gas points (SG-1 through SG-11) installed in the slab (See Section 3.3) were utilized for vacuum monitoring purposes. Sample ports were installed on each SSDS riser pipe prior to the fan. On December 29, 2022, testing was performed using the existing SSDS fans noted in the table above in Section 4.1. Additional follow up testing of SSD-4, SSD-5 and SSD-6 was performed on February 9, 2023, using a RadonAway® GP-501 high air flow SSDS fan. This round of testing was performed based on the absence of a fan for SSD-5 and SSD-7 and the lack of air flow produced by the existing Suncourt 08206C (10 – 20 cubic feet per minute (cfm)) fans serving SSD-4 and SSD-6.

During each test, vacuum monitoring points SG-1 through SG-10 were utilized as observation points. SG-11 was not installed at the time of Phase I testing.

4.2.1 Equipment and Monitoring

During the pilot tests, a number of parameters were monitored and recorded to evaluate performance-related measurements. Velocity, recorded in feet per minute (FPM) and temperature documented in Degrees Fahrenheit were measured using a Dwyer® Air Velocity Meter. The velocity was converted to a flow rate in cubic feet per minute (CFM) using the inner diameter of a 4-inch schedule 40 PVC pipe, as appropriate. The velocity/flow readings were collected from an appropriately sized sample port, centered on the PVC pipe; a minimum of 2-feet from any bend/elbow or intake. Extracted vapor vacuum readings were collected in inches of water (in-H_2O) using a Dwyer Magnehelic® differential pressure gage and converted to inches of mercury (in-Hg). Sub-slab vacuum readings were also collected in in-H_2O using an Infiltec® DM1 micromanometer.

In summary, the following performance indicators shown in the table below were monitored during the pilot test.

Monitored Parameter	Unit of Measure	Monitoring Location
Velocity/ Flow rate	Feet per minute (fpm) [converted to cubic feet per minute (cfm)]	SSDS Risers
Temperature	Degrees Fahrenheit (˚F)	SSDS Risers
Vacuum	Inches of Water (in-H_2O) [converted to inches of mercury (in-Hg)]	SSDS Risers & Vacuum Monitoring Points
Total VOCs	Parts Per Million (ppm)	SSDS Risers

4.3 PHASE I -ANALYTICAL TESTING

Analytical testing was performed to establish projected effluent concentrations and mass removal. One effluent sample was collected from each of the SSDS Risers, with the exception of SSD-5, which did not have a powered fan during the initial testing round. The grab samples were collected in batch cleaned 6-liter laboratory supplied summa canisters. The extracted vapor samples were submitted to York Analytical Laboratories, Inc. for VOC analysis using EPA Method TO-15. A copy of the technical reports has been placed in Appendix C for your reference.

4.4 PHASE I - CAMP FIELD DATA

CAMP field data sheets are included in Appendix B. PM10 and PID readings were recorded approximately every 15-mintues during RIR field activities in accordance with the CAMP.

PID readings greater than background levels were not recorded during the field activities and thus did not exceed the Action Level specified within the CAMP (5 ppm).

PM10 readings significantly above background levels were not recorded during any of the December 2022 or February 2023 RI field activities and thus did not exceed the Action Level specified within the CAMP (100 µg/m^3).

5.0 PHASE II –SSDS PILOT TEST FIELD ACTIVITIES

Field activities associated with Phase II of the SSDS pilot testing were conducted February 9, 2023, This testing phase included slab on grade portions of the building where an active SSDS fan and sub-grade piping were not installed during building construction. Tables 7, 8, 9, 10 and 11 include the tabulated data collected during the pilot test. Figures 3 and 18 depict the locations of the extraction wells and soil gas/vacuum monitoring points utilized during the pilot test program. Figure 18 shows the estimated radius of influence generated during Phase II testing conducted at the Site. A description of the SSDS extraction well installation, vacuum monitoring point installation and other Phase II pilot/diagnostic test work is presented in the following sections.

Minimal cracking of the slab on grade portions of the building was observed during pilot testing. Expansion joints are present in these portions of the building to allow for movement of the building slab as the sub-grade settles over time. Notable sub-slab vacuum loss was not observed at these expansion joint locations during pilot testing, confirming the competency of the slab beneath the surface expansion joints. Additional monitoring of the expansion joints will be conducted during system startup of the SSDS to be installed in this portion of the building. Should additional testing indicate air loss, efforts to seal these joints will be made and will be outlined in a SSDS Design Document. No sealing was conducted during pilot testing.

5.1 PHASE II - EXTRACTION WELL AND VACUUM MONITORING POINT INSTALLATION

A total of two extraction wells were placed in the garage areas in the eastern portion of the building. The wells were installed by wet core drilling a 4 and 5/8-inch diameter core through the existing concrete slab. The slab thickness was measured at 6 -inches. Soils were removed from each extraction well to the extent feasible and the cavity was backfilled with 1 to 1.5-inch diameter gravel. The table below summarizes the extraction well designations, slab thickness, sub-grade material description, approximate soil volume removed and the corresponding tenant spaces.

Extraction Well Designation	Slab Thickness (inches)	Soil/ Sub-grade Description	Approximate Volume of Soil Removed (Gallons)	Location
EX-1	6	Dense sand and gravel ravel	5	Former bus repair garage
EX-2	6	Dense sand and gravel	5	Current Northeast HVAC contractor space

The SSDS extraction wells were constructed with a 4-inch PVC coupler sealed in the cored hole and connected to 3-inch schedule 40 PVC riser pipe. The space between the cored slab and PVC

coupler was sealed with RadonAway® Pro Hybrid sealant. Note that all investigative/ well installation derived waste was properly containerized in DOT-approved 55-gallon steel drums for characterization and off-Site disposal.

A total of ten temporary vapor points (TVP-1 through TVP-10) were installed within the eastern portion of the building (See Figure 18). These temporary vapor points, along with permanent points SG-8 and SG-11 were used during pilot testing in these sections of the building. All extraction well and temporary/ permanent vacuum monitoring point locations are depicted in Figure 18.

All extraction wells and vacuum monitoring point locations were selected in consultation with building ownership.

5.2 PHASE II - PILOT/ DIAGNOSTIC TESTING

Phase II pilot/diagnostic testing was conducted on February 9, 2023. A total of two tests were conducted by extracting vapor from each of the two extraction wells. An Obar® GBR 76SOE medium air flow fan SSDS fan was used for both tests.

During each test, vacuum monitoring points SG-8 and SG-11 and TSG 1 through TSG-10 were utilized as observation points. Extracted sub-slab vapors were routed through a 30-gallon granular activated carbon (GAC) drum for VOC removal. The treated discharge was subsequently channeled (via temporary piping) to the exterior of the building; a minimum 10-feet away from building intakes/openings and neighboring structures.

5.2.1 Equipment and Monitoring

During the pilot tests, a number of parameters were monitored and recorded to evaluate performance-related measurements. Velocity, recorded in feet per minute (FPM) and temperature documented in Degrees Fahrenheit were measured using a Dwyer® Air Velocity Meter. The velocity was converted to a flow rate in cubic feet per minute (CFM) using the inner diameter of a 3-inch schedule 40 PVC pipe, as appropriate. The velocity/flow readings were collected from an appropriately sized sample port, centered on the PVC pipe; a minimum of 2-feet from any bend/elbow or intake. Extracted vapor vacuum readings were collected in inches of water (in-H_2O) using a Dwyer Magnehelic® differential pressure gage and converted to inches of mercury (in-Hg). Sub-slab vacuum readings were also collected in in-H_2O using an Infiltec® DM1 micromanometer. In summary, the following performance indicators shown in the table below were monitored during the pilot test.

Monitored Parameter	Unit of Measure	Monitoring Location

Velocity/ Flow rate	Feet per minute (fpm) [converted to cubic feet per minute (cfm)]	Extraction Wells
Temperature	Degrees Fahrenheit (˚F)	Extraction Wells
Vacuum	Inches of Water (in-H_2O) [converted to inches of mercury (in-Hg)]	Extraction Wells & Vacuum Monitoring Points
Total VOCs	Parts Per Million (ppm)	Extraction Wells (pre and post carbon)

5.3 PHASE II - ANALYTICAL TESTING

Analytical testing was performed to establish projected effluent concentrations and mass removal. One effluent sample was collected from EX-1. The grab sample was collected in batch cleaned 6-liter laboratory supplied summa canister. The sample was collected at the end of the approximate 30-minute diagnostic test prior to effluent polishing with the GAC drum. The extracted vapor sample was collected as a grab sample from the effluent (i.e. no summa canister regulator). No sample was collected from EX-2 as a canister was unavailable. Accordingly, lab data for EX-1, located closest to EX-2, was used for estimated mass removal calculations at EX-2. The extracted vapor sample was submitted to York Analytical Laboratories, Inc. for VOC analysis using EPA Method TO-15. A copy of the technical report has been placed in Appendix C for your reference.

Lab samples were collected in canisters equipped with 30-minute regulators. A sample duration of 60-minutes was used to calculate mass removal in pounds per hour in accordance with the AERSCREEN model input requirements (See Table 10 and Section 6.7 for additional details).

5.4 PHASE II - CAMP FIELD DATA

CAMP field data sheets are included in Appendix B. PM10 and PID readings were recorded approximately every 15-mintues during RIR field activities in accordance with the CAMP.

PID readings greater than background levels were not recorded during the field activities and thus did not exceed the Action Level specified within the CAMP (5 ppm).

PM10 readings significantly above background levels were not recorded during any of the December 2022 or February 2023 RI field activities and thus did not exceed the Action Level specified within the CAMP (100 µg/m^3).

During Pilot Testing, extraction wells not being tested were sealed with an airtight expansion plug.

6.0 PILOT/ DIAGNOSTIC TEST RESULTS

The findings of both phases of the pilot/diagnostic testing are presented in the following sub-sections. Each test was run for approximately 30-minutes.

Post-carbon treatment effluent readings were collected from the end of the exhaust pipe during Phase II testing, outside of the building. These diagnostic results are summarized in Table 8.

6.1 EXTRACTION WELL AIR FLOW

6.1.1 Phase I Testing

The system removed soil vapor from the original SSDS sub-slab piping network at average flow rates ranging from 82.8 to 137.2 CFM using existing Fantech® RP145C fans and the RadonAway GP-501 test fan. Very low air flow readings were observed with the two existing Suncourt 08206C fans (SSD-4 & SSD-6) ranging from 10.4 to 26.1 CFM.

The air flow rates observed utilized the Fantech® RP145C and the RadonAway GP-501 test fan are indicative of piping network set a gas permeable stone layer. These subsurface parameters require blowers capable of high air flow and low vacuum for proper pressure field extension.

6.1.2 Phase II Testing

Air flow rates of 18.8 and 23.8 CFM were observed at EX-1 and EX-2, respectively. These CFM were generated using a GBR 76SOE test fan set at 100% output. The low air flow rates observed are indicative of a dense, low porosity sub-grade. These subsurface parameters require blowers capable of generating high vacuum for proper pressure field extension.

6.2 EXTRACTION WELL VACUUM

6.2.1 Phase I Testing

Average vacuum readings ranging from 1.0 to 1.5 in-H_2O using existing Fantech® RP145C fans and the RadonAway GP-501 test fan. Vacuum readings of 0.5 in-H_2O were observed using the existing Suncourt 08206C fans (SSD-4 & SSD-6).

6.2.2 Phase II Testing

Vacuum readings of 15 and 16 in-H_2O were observed at EX-1 and EX-2, respectively. These vacuum readings were generated using a GBR 76SOE test fan set at 100% output. The high vacuum readings are at the upper threshold of a GBR 76SOE fan, and are indicative of a dense, low porosity sub-grade. These subsurface parameters require blowers capable of generating high vacuum for proper pressure field extension.

6.3 EXTRACTION WELL TEMPERATURE

6.3.1 Phase I Testing

Average temperature readings ranged from 46.9 to 54.4 degrees Fahrenheit.

6.3.2 Phase II Testing

Average temperature readings of 58.0- and 50.1-degrees Fahrenheit were observed at EX-1 and EX-2, respectively.

The temperature readings were incorporated into the mass removal calculations included in Table 9.

6.4 EFFLUENT PID READINGS

6.4.1 Phase I Testing

PID readings were collected from the effluent using a PID calibrated with an isobutylene standard gas. Carbon treatment was not used as the existing SSDS pipes discharge close to the roofline. PID readings greater than 0.0 ppm were not recorded at SSD-1, SSD-2 and SSD-3. Low-level average VOC readings ranging from 0.3 to 4.5 ppm were recorded in effluent of SSD-4, SSD-5, SSD-6 and SSD-7. The highest concentration was detected in SSD-5 which is located in the southern portion of the building.

6.4.2 Phase II Testing

PID readings were collected both pre- and post-carbon treatment during each test using a PID calibrated with an isobutylene standard gas. Average VOC readings pre-carbon of 0.1 and 0.0 ppm was observed at EX-1 and EX-2, respectively. Average VOC readings post-carbon was 0.0 ppm at both wells.

6.5 SUB-SLAB VACUUM RESPONSE

Vacuum response data for the vacuum monitoring points is summarized in Table 9. The vacuum response for each is depicted on Figures 17 and 18 – SSDS Radius of Influence Maps. Updated U.S. EPA guidance for vapor intrusion assessment and mitigation was released on June 15, 2015. The U.S. EPA has not issued a definite value for SSDS design; however, achieving a pressure differential of -0.004 in-H_2O across the slab is generally considered sufficient to mitigate vapor intrusion based on available industry guidance as provided in ASTM E1465-08a “Standard Practice for Radon Control Options” and ASTM E2121-13 “Standard Practice for Installing Radon Mitigation Systems in Existing Low-Rise Residential Buildings”.

During each test, certain vacuum monitoring points were selected based on their proximity to the anticipated radius of influence for each extraction well. Testing was not conducted at vacuum

monitoring points located far from the extraction well/ SSDS sub-grade piping network and/or where vacuum points proximal to the test well did not yield measurable vacuum.

6.5.1 Phase I Testing

Updated U.S. EPA guidance for vapor intrusion assessment and mitigation was released on June 15, 2015. The U.S. EPA has not issued a definite value for SSDS design; however, achieving a pressure differential of -0.004 is generally considered as acceptable vacuum for vapor mitigation systems.

Test #1
The first test was conducted utilizing the existing SSDS extraction wells with the current SSDS fans. This included SSD-1, SSD-2, SSD-3, SSD-4 and SSD-6. Average vacuum readings greater than -0.004 in-H_2O were recorded in SG-1 through SG-4, located in the northern and central portions of the building. The measured average vacuum in these locations ranged from -0.058 to -0.123 in-H_2O. Marginal/ low-level vacuum was observed at SG-5 and SG-6, and no vacuum was observed at SG-7 through SG-10. Vacuum was demonstrated at vacuum monitoring points located proximal to SSDS pipes using modern high air flow Fantech® RP-145C fans (SSD-1, SSD-2 and SSD-3). Vacuum monitoring points located proximal to SSDS pipes using the low air flow Suncourt 08206C fans (SSD-4 & SSD-6) did not demonstrate proper sub-slab vacuum.

Test #2
A test was performed on SSD-4 using a modern high air flow RadonAway GP-501 fan. To perform the test, the existing Suncourt 08206C fan was removed and the GP-501 fan temporarily installed in its place. Resulting average vacuum readings greater than -0.004 in-H_2O were recorded at SG-4 and SG-5, located in the northern and central portions of the building. The measured average vacuum in these locations ranged from -0.005 to -0.023 in-H_2O. Marginal/ low-level vacuum was observed at SG-6, and no vacuum was observed at SG-7.

Test #3
A test was performed on SSD-5 using a modern high air flow RadonAway GP-501 fan. No fan was previously present for SSD-5. Resulting average vacuum readings greater -0.004 in-H_2O were recorded at SG-5 and SG-6, located in the central portions of the building. The measured average vacuum in these locations ranged from -0.045 to -0.058 in-H_2O. No vacuum was observed at SG-7.

Test #4
A test was performed on SSD-6 using a modern high air flow RadonAway GP-501 fan. To perform the test, the existing Suncourt 08206C fan was removed and the GP-501 fan temporarily installed in its place. Resulting average vacuum readings greater -0.004 in-H_2O were recorded at SG-7 and SG-9, located in the central/ southern portions of the building. The measured average vacuum in these locations ranged from -0.017 to -0.025 in-H_2O. Marginal/ low-level vacuum was observed at SG-10.

Test #6
A test was performed on SSD-7 using a modern high air flow RadonAway GP-501 fan. No fan was previously present for SSD-7. Resulting average vacuum readings greater than -0.004 in-H_2O were recorded at SG-9 and SG-10 located in the southern portion of the building. The measured average vacuum in these locations ranged from -0.011 to -0.058 in-H_2O.

6.5.2 Phase II Testing

Test #7
A test was performed on EX-1 using a modern medium air flow and medium vacuum GBR® 76 SOE fan. Resulting average vacuum readings greater -0.004 in-H_2O were recorded at SG-11, TVP-1, TVP-2, TVP-3 and TVP-4. The measured average vacuum in these locations ranged from -0.007 to -0.395 in-H_2O. No vacuum was observed at TVP-5 and TVP-6, indicating the need for a second extraction well in the southern portion of this space.

Test #8
A test was performed on EX-2 using a modern medium air flow and medium vacuum GBR® 76 SOE fan. Resulting average vacuum readings greater -0.004 in-H_2O were recorded at SG-8, TVP-7 and TVP-10. The measured average vacuum in these locations ranged from -0.007 to -0.395 in-H_2O. Marginal/ low-level vacuum was observed at TVP-8. No vacuum was observed at TVP-9 and TVP-8, indicating the need for a second extraction well in the northern portion of this space.

6.6 EXTRACTION WELL LABORATORY TESTING RESULTS

6.6.1 Phase I Testing

Effluent samples were collected from SSD-1, SSD-2, SSD-3, SSD-4, SSD-6 and SSD-7. A sample was not collected from SSD-5 based on the absence of a powered fan at the time of testing. Low-level VOCs were present in the extracted effluent samples. Of note, elevated 2-butanone (980 µg/m^3), acetone (2,000 µg/m^3), and tetrahydrofuran (4,800 µg/m^3) were reported in SSD-7. This sub-grade pipe network underlies SSI Aeration, which regularly utilizes PVC primer and glues what are known to contain these compounds. Methane concentrations in the extracted effluent ranged from 33 to 10,100 pump. Additional elevated VOCs were not reported in the extracted effluent samples.

6.6.2 Phase II Testing

An effluent sample was collected from EX-1. Low-level VOCs were present in the extracted effluent sample including PCE (29 µg/m^3), TCE (12 µg/m^3) and (1.5µg/m^3). Methane was detected at EX-1 at a concentration of 10,100 ppmv. Additional elevated VOCs were not reported in the extracted effluent sample.

The complete analytical reports including the chain of custody are included in Appendix C.

6.7 MASS REMOVAL

Table 10 presents the data and calculations used to determine the approximate mass of cVOCs removed from the vapor phase during each test. Although each testing period lasted approximately 30 minutes, the removal calculations were made assuming a 60-minute sample duration period[3]. This allows for direct use of the estimated mass removal in pounds per hour in the AERSCREEN evaluation (See *Section 6.8*). The mass removed from soil vapor was calculated using the laboratory analytical data, average vacuum, flow and temperature readings collected during pilot testing procedures. The mass removed during the analytical test was calculated using the following equation:

Volume of extracted gas was corrected for pressure and temperature using the following equation:

$$V=nRT/p$$

Where: V = volume of the gas
P = pressure of the gas
n = 1 lb-mole
R = ideal gas constant = 0.7302
T = absolute temperature (°F + 460)

The corrected volume of gas was used to calculate the mass removal using the following equation:

Mass Removed = [(1 / Volume of gas corrected) x (time elapsed) x (Flow) x (Concentration cVOC) x (molecular weight cVOC)] / 1x10^6

Empirically:

lbs = [(1 / V (ft^3 / lb-mole)) x (minutes) x (ft^3 / minute) x (cVOC$_{ppm}$) x (165.83^{PCE} g / mole)] / 1 x10^6

where:

lbs = pounds
ppm = parts per million
time elapsed = minutes
molecular weight PCE = 165.83 g/mole
molecular weight TCE = 131.39 g/mole
molecular weight acetone = 84.93 g/mole

[3] Lab samples were collected in canisters equipped with 30-minute regulators. A sample duration of 60-minutes was used to calculate mass removal in pounds per hour in accordance with the AERSCREEN model input requirements.

molecular weight 2-butanone (MEK) = 72.11 g/mole
molecular weight tetrahydrofuran = 72.11 g/mole
molecular weight toluene = 92.14 g/mole

The results of the mass removal calculations using the laboratory analytical data indicated a total of approximately $4.48x10^{-3}$ pounds of total mass (PCE, TCE, acetone, 2-butanone (MEK), tetrahydrofuran and toluene) and 2.32 pounds of methane were cumulatively removed during the pilot testing. The projected average removal rate for PCE, TCE, acetone, 2-butanone (MEK), tetrahydrofuran and toluene were calculated as $1.32x10^{-2}$ pounds per day if influent concentrations were to remain consistent with reported concentrations as measured during pilot testing. The projected average removal rate for methane was calculated as 55.6 pounds per day if influent concentrations were to remain consistent with reported concentrations as measured during pilot testing.

6.8 AERSCREEN EVALUATION

The samples collected during pilot testing from the SSDS piping/ extraction wells were analyzed for VOCs to evaluate the toxicity and impacts on the receptors downwind using a dispersion model (AERSCREEN). AERSCREEN is a screening model based on the U.S. EPA AERMOD air quality dispersion model to predict ambient air concentrations attributed to a single source. The input parameters including total VOC concentrations, effluent loading rates, stack height, flow rates, temperature, velocity and the distance to the receptor (Estimated at 10 feet) were compared to the NYSDEC DAR Air Guidance (DAR-1) Guidelines for the Control of Toxic Ambient Air Contaminants, AERSCREEN computer program (Table 11). The average flow for each extraction well during pilot testing was used in the AERSCREEN model. The generated concentrations were compared with Short-term Guideline Concentrations (SGCs) and Average-Annual Guidance Criteria (AGCs). A scenario was run for combined effluent assuming use of each of the seven existing SSDS pipe networks, with the addition of new extraction wells EX-1 and EX-2. The model's predicted results for acetone (0.78932 $\mu g/m^3$), 2-butanone / MEK (0.39433 $\mu g/m^3$), tetrahydrofuran (0.18929 $\mu g/m^3$), toluene (1.0292 $\mu g/m^3$), PCE (0.00514 $\mu g/m^3$), TCE (0.00159 $\mu g/m^3$), do not exceed the concentration values for contaminants of concern listed within the SGC and AGC values. There are no AGC and SGC values for methane. The model's predicted results are compared to the AGC and SGCG values in Table 11. The pilot testing laboratory analytical data utilized in the AERSCREEN Model is included in Appendix C**.** The raw data inputs for the AERSCREEN model are included in Appendix G.

Accordingly, the results of pilot testing and the AERCREEN model indicate that the levels to be discharged from the Site are acceptable for direct discharge to the atmosphere without vapor control during the full-scale SSD system operation.

7.0 REMEDIAL INVESTIGATION AND SSDS PILOT TEST FINDINGS

The objective of the Remedial Investigation was to provide current soil vapor conditions beneath the Site structure and along the periphery of the property boundaries, to document the composition and characteristics of surface and subsurface soils, to document local groundwater quality conditions and direction of groundwater flow, and to provide guidance on the selection and implementation of a Remedial Action program for the Site.

7.1 SOIL

VOCs (acetone and total xylenes), pesticides (4,4, DDD, 4,4-DDE, 4,4-DDT and dieldrin) TAL Metals (copper, lead, nickel, zinc and mercury) and total PCBs were detected in several soil samples above Unrestricted Use but below Commercial Use SCOs. PFOS were detected in two soil samples above Unrestricted but below Commercial Guidance. With the exception of nickel and zinc, each Unrestricted Use exceedances were only detected in soil samples within the documented landfill soil horizon. SVOCs were not detected in excess of Unrestricted or Commercial Use SCOs in the soil samples collected from the Site.

Cadmium was detected at SB-2A at a depth of 1-2 feet bgs above the Unrestricted and Commercial Use SCOs. The concentration of cadmium at SB-2A also exceeds the POG SCO (7.5 mg/kg, respectively). Cadmium was not detected in the soil samples collected from SB-2 (SB-2B) at a depth of 10- 12 feet bgs. SB-2 is located in the parking lot and is covered with an asphalt paved surface.

7.2 GROUNDWATER

1,4-Dichlorobenzene was detected in MW-3 at a concentration of 7.31 (µg/L) above the AWQS (3 µg/L). Benzene was detected in MW-2 at a concentration of 7.13 µg/L above the AWQS (1 µg/L). Chlorobenzene was detected in MW-2, MW-3 and MW-4 at concentrations of 83.9, 92.6 and 35.9 µg/L, respectively. These detections are above the AWQS (5 µg/L). Additional low-level VOCs were detected above laboratory detection limits in Site groundwater but below their respective AWQS.

Benzo(a)anthracene was detected in MW-1 Dup and MW-3 at concentrations of 0.0513 and 0.0615 µg/L, respectively. These detections are above the AWQS (0.002 µg/L). Bis(2-ethylhexyl)phthalate was detected in MW-7 at a concentration of 7.98 µg/L above the AWQS (5 µg/L). Additional low-level SVOCs were detected above laboratory detection limits in Site groundwater but below their respective AWQS.

Lead was detected in MW-4 at a concentration of 42.8 µg/L above the AWQS (25 µg/L). Magnesium was detected in MW-3 and MW-7 at concentrations of 45,300 and 40,600 µg/L, respectively. These detections are above the AWQS (35,000 µg/L). Manganese was detected in each well at concentrations ranging from 448 to 3,340 µg/L. These detections are above the AWQS (300 µg/L). Sodium was detected in each well at concentrations ranging from 42,500 to 418,000

µg/L. These detections are above the AWQS (20,000 µg/L). Additional low-level metals were detected above laboratory detection limits in Site groundwater but below their respective AWQS. Note that a groundwater sample could not be collected from MW-2 for metals analysis based on the lack of recharge during the RI field work.

The absence of significant metals impacts to Site soils, with the exception of cadmium at SB-2; suggest groundwater impacts are likely to be due to local groundwater quality and area-wide impacts associated with the historic landfill on the Site and surrounding properties.

PFOS was detected in MW-1 & MW-1 Dup, MW-3 and MW-4 at concentrations of 14.2, 15.4, 160 and 75.5 ng/L, respectively. The concentrations of PFOS in these wells exceed the April 2023 PFAS Remedial Program Guidance for Sampling, Analysis, and Assessment of PFOS (10 ng/L). PFOA (one of the most widely used PFAS compounds) was detected in MW-3 and MW-4 at concentrations of 42.5 and 16.1 nanograms per liter (ng/L), respectively. The concentrations of PFOAs in these wells exceed the October 2020 PFAS Remedial Program Guidance and April 2023 Sampling, Analysis, and Assessment of PFAS - 10 ng/L). Additional low-level PFAS were detected above laboratory detection limits in Site groundwater but below their respective October 2020 PFAS Remedial Program Guidance and April 2023 Sampling, Analysis, and Assessment of PFAS. As PFAS owe their properties to the carbon-fluorine bond, which is one of the shortest and strongest known, they are highly resistant to breakdown in the environment; thus, have been nicknamed the "forever chemicals." The source of PFAS in groundwater samples collected during the RI is likely a result of the historical use of the Subject Property by the Town of Poughkeepsie as a municipal waste landfill in the 1970s and 1980s. These emerging contaminants were first discovered in the late 1930s and since the 1950s many products commonly used by consumers and industry have been manufactured with or from PFAS. Some uses of PFAS include (but are not limited to) building and construction, cable and wiring, industrial surfactants, paper products and packaging, textiles, leather and apparel (including carpet and furniture). Note that some of these items were detected during the RI and thus further support the origin of PFAS is likely a result of the municipal landfill which operated on-Site by the Town of Poughkeepsie.

Pesticides and PCBs were not detected in groundwater samples collected from the Site.

7.3 EXTERIOR SOIL GAS

Elevated methane was detected in each of the exterior soil vapor points at concentrations ranging from 43 to 1,700,000 ppmv. Methane was not detected in the ambient outdoor air sample. Elevated petroleum VOCs were detected in SV-2, including benzene (3,200 µg/m^3), chlorobenzene (2,500 µg/m^3) cyclohexane (6,700 µg/m^3), n-heptane (3,100 µg/m^3) and n-hexane (4,500 µg/m^3). Peak concentrations of TCE (27 µg/m^3) and vinyl chloride (78 µg/m^3) were also detected at SV-2. PCE was detected in the exterior soil vapor samples at low levels ranging from 0.56 to 30 µg/m^3.

Additional low-level exterior soil vapor contamination, typical of well-developed urban settings, has been identified at the Site. These detected concentrations, however, are not likely to be

indicative of grossly contaminated on-Site soil or groundwater or be a source of significant offsite migration. Petroleum VOCs noted above at SV-2, are likely associated with off-gassing from petroleum VOCs in groundwater along the eastern portion of the Site. A significant source of petroleum VOCs was not identified in Site soil.

7.4 INTERIOR SUB-SLAB SOIL GAS AND INDOOR AIR

As documented in the RIWP, several VOCs were detected in sub-slab soil gas sample SG-2 collected in January 2017. Of note, elevated TCE (31 µg/m^3) and methane (250,000 ppmv) were detected in the eastern portion of the building.

December 2022 sub-slab soil vapor samples were collected throughout the building to provide current building-wide soil gas concentrations. The existing SSDS was shut off on December 27, 2022, 1-day prior to sample collection. Low-level VOC (both petroleum and chlorinated VOCs) were detected in sub-slab soil gas throughout the Site. Methane concentrations ranged from non-detect to 107,000,000ppm. Elevated levels of acetone (peak concentration 1,500 µg/m^3) and tetrahydrofuran (peak concentration 2,400 µg/m^3) were detected in SG-9 and SG-10 collected from the SSI Aeration tenant space. This tenant was observed to regularly use PVC glue and primers for its onsite pipe assembly operations. Acetone and tetrahydrofuran are primary chemical components of PVC glues and primers, and the soil gas detections are likely attributable to elevated indoor concentrations noted in the indoor air sample results discussion below. Additional low-level sub-slab soil gas contamination, typical of well-developed urban settings, has been identified at the Site. Although reported, said laboratory reported parameters are not likely to be indicative of grossly contaminated on-Site subsurface media, or be a source of significant off-Site migration.

Elevated PCE (peak concentration 120 µg/m^3) and TCE (peak concentration 220 µg/m^3) were detected in indoor air samples collected in March 2017. The concentrations of PCE (peak concentration 0.990 µg/m^3) and TCE (peak concentration 0.550 µg/m^3) were significantly lower during the December 2022 sampling event. TCE was not detected in eight of the eleven air samples collected. Elevated levels of 2-butanone/ MEK (peak concentration 2,900 µg/m^3), acetone (peak concentration 4,700 µg/m^3), and tetrahydrofuran (peak concentration 7,500 µg/m^3) were detected in IA-9 and IA-10 collected from the SSI Aeration tenant space. As noted above, these VOCs are primary chemical components in PVC glue and primers, which are commonly used within the SSI Aeration tenant space, from where IA-9 and IA-10 were collected. Methane concentrations ranged from non-detect to 6,110 ppmv. The highest methane concentrations in soil gas and indoor air were located in the eastern portion of the building (SG-11/ IA-11). This portion of the building does not have an active sub-slab depressurization system.

A comparison of the sub-slab soil gas and indoor air data (December 2022) with the New York State Department of Health May 2017 Decision Matrices did not yield a "Mitigate" result in any of the sampled locations. A result of "Monitor" for TCE at SG-8/ IA-8 and vinyl chloride at SG-11/ IA-11 was produced based on the NYSDOH matrix comparison. Both of these sample locations are slab-on-grade potions of the building which do not have a sub-grade piping network

and/or active depressurization. Although the NYSDOH matrix comparison does not indicate mitigation is required, the elevated methane concentrations should be addressed by active depressurization. Note that each tenant was provided a copy of the ambient indoor air sampling results and associated fact sheets soon after the receipt of the RI laboratory analysis.

The results of the indoor air sampling were summarized in Tenant Letters dated May 22, 2023. These were disturbed by building management to the tenants on May 24, 2023. Copies of the Tenant Letters are included in Appendix H.

7.5 INDOOR AIR QUALITY SURVEY

In general, the Site tenants do not use chemicals which would be considered a likely source of cVOCs in soil vapor or indoor air. Typical chemicals observed during Site investigative activities include various janitorial supplies, paints, PVC glue and primer, and hydraulic oils / lubricants (used for the on-Site forklift). An indoor air survey of tenant spaces sampled during the RI was conducted. No obvious sources of products which may contain cVOCs were observed. Frequent use of PVC primers and glues within the SSI Aeration space (southern portion of building) are the source of acetone, 2-butanone/ MEK and tetrahydrofuran. A copy of the Indoor Air Quality Survey is included as Appendix D.

7.6 SSDS PILOT TESTING

The existing SSDS is effectively depressurizing the sub slab space beneath the northern and central portions of the building. The southern portion and select slab on grade (eastern) portions of the building are not being depressurized by the current system.

7.7 ELECTRONIC DATA DELIVERABLES

This final RIR will be provided to NYSDEC and DOH in the Department's most current electronic data deliverable (EDD) format. Copies of the EDD acceptable emails will be included in Appendix E.

7.8 DATA USABILITY SUMMARY REPORT

As part of this Remedial Investigation, a Data Usability Summary Report or DUSR is required to summarize the soil, groundwater, soil vapor and indoor air sampling analytical results for the Site. The primary objective of the DUSR is to determine whether the analytical data meets Site specific objectives for data quality and data use.

DUSR(s) were prepared following the guidelines provided in DER-10 *Technical Guidance for Site Investigation and Remediation*, May 2010, Guidance for the Development of Data Usability Summary Reports. A copy of the DUSR has been placed in Appendix F for your reference. The table below includes a narrative summary of the DUSR validity, qualifiers present, and the results rejected:

Laboratory Report #	Sample IDs	DUSR Summary
24D0867	MW-8, MW-9, MW-10, Trip Blank, Field Blank	The data associated with this Sample Delivery Group (SDG) 24D0867, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality.** However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR). Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.
24C1134	SED-1 – SED-6 SWS-1 – SW_3 SB12B, SB13A, SB 13B, SB-14, SB-14 (Dup), SB-15, Field Blank, Rinsate	The data associated with this Sample Delivery Group (SDG) 24C1134, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided. in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).** Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.
24C1132	SB8A, SB8B, SB9A, SB9B, SB9C, SB10A,	The data associated with this Sample Delivery Group (SDG) 24C1132, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State

	SB10B, SB11A, SB11B, SB12A, Trip Blank	Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).** Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error
22L1390	SV-2, SV-3, SV-4, SV-5, SV-6, SV-7, AO	The data associated with this Sample Delivery Group (SDG) 22L1390, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).** Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.
22L1391	SG-1, IA -1, SG-2, IA -2, SG-3, IA -3, SG-4, IA-4, SG-5, IA-5, SG-6, IA-6, SG-7, IA-7, SG-8, IA-8, SG-9, IA-9, SG-10, IA-10	The data associated with this Sample Delivery Group (SDG) 22L1391, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the**

		analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR). Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.
22L1392	SB-1A, SB-1B, SB-2A, SB-2B, SB-2C, SB-3A, Sb-3B, SB-3C, SB-4A, SB-4B, SB-4C, SB-5A, SB-5B,SB-5C, SB-5D, SB-6A, SB-6B, SB-6C, SB-7A, SB-7B, SB-7C, SB-7C Dup, Rinsate, Field Blank, Trip Blank	The data associated with this Sample Delivery Group (SDG) 22L1392, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).** Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.
23A0328	SG-11, IA-11, SSD-1, SSD-2, SSD-3, SSD-6, SV-1R	The data associated with this Sample Delivery Group (SDG) 23A0328, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).** Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be

		relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.
23A0356	MW-1, MW-2, MW_3, MW-4, MW-5, MW-6, MW-7, MW-1 Dup, Field Blank	The data associated with this Sample Delivery Group (SDG) 23A0356, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).** Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.
23B0582	EX-1, SSD-4, SSD-7	The data associated with this Sample Delivery Group (SDG) 23B0582, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data. **All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that has been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).** Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

8.0 SUPPLEMENTAL REMEDIAL INVESTIGATION

The purpose of the Supplemental Remedial Investigation (SRI) was to further define the nature and extent of landfill materials as it relates to the adjacent wetlands on the northeastern and eastern property boundaries. Additionally, the goal of the SRI was to (a) fill data gaps from the December 2022 RI, (b) to determine if a source of VOC impacted soil is present proximal to SB-2/ MW-2, (c) to further define the horizontal/vertical extent of the landfill mass within the Subject Property boundary, (d) to document groundwater impacts beyond the BCP border, but within the tax parcel's metes and bounds, and (e) to ensure all exposed soils at the Site are adequately characterized to verify that they conform with commercial Site-use clean up requirements (Track 4). All work proposed in the SRI was performed by DTCS/BE under a NYSDEC/NYSDOH approved SRI Work Plan between March 18 and April 11, 2024.

8.1 SOIL BORINGS

A total of eight exterior soil borings (denoted as SB-8 – SB-15) were advanced both outside of the BCP Site Boundary (but within the tax parcel) and within exposed areas inside the BCP Site Boundary to further characterize soil conditions on the Subject Property. See Figure 3 for the soil boring locations.

On March 18, 2024, DTCS/BE oversaw advancement of the investigative borings associated with this SRI. The on-Site geologist/engineer screened the soil samples for environmental impacts and collected samples for laboratory analysis. All fieldwork associated with the soil sampling program complied with the safety guidelines outlined in the Site-Specific HASP and CAMP. The investigative borings were advanced to depths ranging from 20 to 25 feet bgs using direct push Geoprobe® 7822DT drill rig advancing a five-foot macro core sample rod. The open borehole was periodically screened for % LEL during the advancement of each soil boring. LEL readings greater than 0% were not observed in any sampling location. Soil was collected continuously to the boring termination depth using disposable acetate sleeves. Each sample was screened for organic vapors with a PID and evaluated for visual and olfactory indications of environmental impacts. Soil descriptions and PID readings were recorded in boring logs included as Appendix A.

A minimum of two (2) soil samples (one shallow and one deep) were collected from each soil boring. Note that the deep soil sample collected in each boring location was gathered at the base of the landfill layer (if detected) or at the groundwater interface. Additional shallow surface samples were collected at SB-9 and SB-13 as these monitoring areas had no asphalt or concrete cover. The table below summarizes the soil sample designation and collection depths.

Soil Sample Designation	Soil Sample Depth (Feet bgs)
SB-8A	0-2

SB-8B	10-12
SB-9A	0-1
SB-9B	1-2
SB-9C	10-12
SB-10A	0-2
SB-10B	3-5
SB-11A	0-2
SB-11B	18-20
SB-12A	0-2
SB-12B	14-16
SB-13A	0-2
SB-13B	0-6"
SB-14	0-1
SB-14 dup[1]	0-1
SB-15	0-2

[1] *Duplicate sample collected for SB-14*

Generally, PID readings greater than 0.0 ppm were not observed in the samples screened. Slightly elevated PID readings were recorded in the landfill horizon of soil boring SB-13 ranging from 0.8 to 4 ppm at a depth of 12 – 15 feet bgs. No olfactory evidence of contamination was documented in any of the soil samples collected, including those with slightly elevated PID headspace readings. Each soil boring was advanced to a sufficient depth (15 - 25 feet bgs) to completely delineate the vertical extent of the landfill layer and confirm the lack of field evidence of contamination. Refer to soil boring logs in Appendix A for additional details. All IDW was contained in DOT-approved 55-gallon steel drums for appropriate characterization and disposal by DTCS/BE.

Particulate and VOC monitoring was conducted continuously during ground intrusive work associated with the installation of each soil boring as per the NYSDEC/NYSDOH approved CAMP. No exceedances of the thresholds for VOCs and/or particulate set forth in the CAMP were observed. Field data sheets associated with the CAMP are included in Appendix B.

Each designated soil sample as referenced above was submitted to the laboratory for analysis. Soil samples collected from SB-8, SB-9 and SB-10 were analyzed for VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals (USEPA Various Methods), pesticides (USEPA Method 8081), PCBs (USEPA Method 8082), PFAs (USEPA Method 1633), cyanide (USEPA Method 9014/9010C) and 1,4-dioxane (USEPA Method 8270 SIM). Note that those soil samples collected from SB-11, SB-12 and SB-13 were analyzed for VOCs (USEPA Method 8260) and SVOCs (USEPA Method 8270) only. Field quality control measures including duplicate, trip and field blanks were also collected and submitted to the laboratory for analysis.

8.1.1 Soil Sampling Results

A total of sixteen soil samples were collected from eight soil boring locations (including one duplicate sample). The soil sample results are summarized in Table 1 and are compared with NYSDEC 6 NYCRR Part 375-8.8(a) Unrestricted Use and NYCRR Part 375-8.8(b) Commercial

Use Soil Clean Up Objectives or SCOs. Spider maps showing exceedances of Unrestricted Use SCOs recorded during this SRI are included as Figures 4, 5, 6 and 7. A spider map showing exceedances of April 2023 guidance document titled, "Sampling, Analysis, and Assessment of PFAS" is included as Figure 8. The complete laboratory analytical reports have been placed in Appendix C for reference.

VOCs

VOCs (acetone, total xylenes, ethyl benzene, and toluene) were detected in several soil samples above Unrestricted Use but below Commercial Use SCOs during the performance of the SRI. Most all laboratory reportable VOCs were encountered within the documented landfill soil horizon.

SVOCs

Several SVOCs were detected in the soil samples collected above laboratory detection limits. The detected concentrations were below both Unrestricted and Commercial Use SCOs. The detected concentrations were primarily in the shallow samples collected.

Pesticides

Pesticides were not detected in any of the soils collected for analysis during the March 2024 SRI.

Metals

Copper was reported in all of the soil samples collected during the SRI. Only one shallow soil sample (denoted as SB-9A) had a reported concentration of 50.5 mg/kg which exceeded the Unrestricted Use SCO (50 mg/kg) but was below the Commercial Use SCO (270 mg/kg). Nickel was detected in all soil samples at concentrations ranging from 15.3 to 36.6 mg/kg. The reported concentration in SB-10B (36.6 mg/kg) was found to exceed the Unrestricted Use SCO (30 mg/kg) but was below the Commercial Use SCO (310 mg/kg). All remaining samples were below Unrestricted SCOs for nickel. Selenium was reported by the laboratory (above laboratory detection limits) within samples collected from SB-8B, SB-9A, SB-9C, SB-10A, SB-10B, SB-14 and SB-14 Dup at concentrations ranging from 2.22 – 5.9 mg/kg. The reported concentration in SB-8B, 10B and SB-14 Dup (3.92, 5.41 and 5.90 mg/kg, respectively) were found to exceed the Unrestricted Use SCO (3.9 mg/kg) but were well below the Commercial Use SCO (1,500 mg/kg). All remaining samples were below Unrestricted SCOs for selenium. Similar to other TAL metals as documented above, Zinc was reported in all soil samples collected during the SRI. Note however that SB-14 and SB-14 Dup were the only two samples with contaminant concentrations (115 and 113 mg/kg, respectively) which exceeded the Unrestricted Use SCO (109 mg/kg) but were well below the Commercial Use SCO (10,000 mg/kg).

Additional TAL metals were reported in shallow and deep soils across the Site but were found below both Unrestricted and Commercial Use SCOs once compared to the regulatory standards.

PCBs

Total PCBs were detected in one soil sample (denoted as SB-9C) at a concentration of 0.104 mg/kg. This concentration exceeds the Unrestricted Use SCO (0.1 mg/kg) but is below the

Commercial Use SCO (1 mg/kg). The remaining soil samples analyzed for PCBs were returned with non-detect sample concentrations by the laboratory.

PFOS/PFOA

PFOS and PFOA compounds were detected in most soil samples collected during this SRI, but only one sample (SB-15 with a recorded concentration of 1.540 µg/kg for PFOS) exceeded the Unrestricted Use Guidance Value (0.88 µg/kg) but was well below the Commercial Use Guidance Value (440 µg/kg). All additional PFOS/PFAS soil detections did not exceed Part 375 Unrestricted SCOs when compared to remedial guidance values.

8.2 GROUNDWATER MONITORING

Following completion of the soil sampling, each of the soil borings denoted as SB-8 – SB-10 were converted into a permanent 2-inch PVC groundwater monitoring well. The wells were constructed of 10 feet of 0.01 slot schedule 40 PVC well screen and completed to grade with solid schedule PVC riser pipe. The annulus around the well screen was backfilled with No. 2 filter sand and sealed with a 1-foot bentonite layer. Each well was then finished at grade surface with steel flush-mount road boxes set in approximate 2'x 2' concrete pad. Details regarding the well installations are included in the boring / well completion logs (Appendix A). Following installation, each well was developed by rapidly pumping the wells to remove entrained silt and sediment from the sand pack and well screen and ensure connectivity with the surrounding shallow groundwater table. A minimum of three to five well volumes were removed from each well during development. Groundwater samples were collected from each of the newly installed monitoring wells (MW-8 through MW-10; See Figure 3) on April 11, 2024. Prior to sampling, water level measurements were recorded to the nearest 0.01-foot prior sampling and a minimum of 3 well volumes were purged from each where sufficient recharge would allow. Groundwater purge logs are included in Appendix A. The table below includes groundwater sampling/gauging data and observations obtained during the April 11, 2024, monitoring event.

Well ID	Depth to Water (TOC[1])	Total Depth (TOC[1])	Purge Volume (gal)	Tubing Sample Depth (Feet bgs)	Odor (Y/N)	Sheen (Y/N)
MW-8	8.54	18.40	3	17	N	N
MW-9	8.68	18.00	3	17	N	N
MW-10	9.15	18.10	3	17	N	N

TOC[1] – Depth to water and total depths measured to top of PVC casing.

While conducting groundwater well development and sampling procedures, all IDW was placed in DOT-approved 55-gallon steel drums for appropriate characterization and disposal by DTCS/BE. Each sample was analyzed for VOCs, SVOCs, TAL Metals, Pesticides, PCBs, PFAs, Cyanide, and 1, 4-Dioxane via USEPA test methods 8260, 8270, 3050B/7473, 8081, 8082, and 1633 respectively. Field quality control measures including trip blanks and field blanks for PFA

testing were collected and submitted to the laboratory for chemical analysis. The complete laboratory analytical reports have been placed in Appendix C for reference.

8.2.1 Groundwater Sampling Results

The groundwater sample results are summarized in Table 2 and compared with the NYSDEC TOGS 1.1.1, AWQS and the April 2023 Guidance for Sampling, Analysis and Assessment of PFAS. Spider maps showing VOC, SVOC, TAL Metal and PCB exceedances above AWQS are included as Figures 9, 10, 11 and 27, respectively. A spider map showing exceedances of PFAS above Guidance is included as Figure 12.

VOCs

A total of eleven VOCs were detected during the SRI groundwater sampling event that exceeded TOGS 1.1.1 AWQS. Specifically, 1,2,4-Trimtheylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, Benzene, Chlorobenzene, Ethyl benzene, Isopropylbenzene, n-Propulbenzene, o-Xylene, Toluene and Total Xylenes were found to exceed their respective groundwater quality standard when reported concentrations were compared to guidance (see Table 2 for analytical summary). Note that additional low-level VOCs were detected above laboratory detection limits during the April 11, 2024, monitoring event, but were below their respective AWQS.

SVOCs

1,4-Dioxane was reported at a concentration of 1.78 µg/L, which exceeds its respective AWQS groundwater quality standard of 0.35 µg/L. Additional low-level SVOCs were detected above laboratory detection limits in Site groundwater but below their respective AWQS.

Pesticides

Pesticides were not detected in the groundwater samples collected from the Site.

Metals

Magnesium was detected in MW-9 at a concentration of 36,100 µg/L. This detection is above the AWQS of 35,000 µg/L set for this compound. Manganese was detected in each well (MW-8 – MW-10) at concentrations ranging from 933 to 1,360 µg/L. These detections are above the AWQS (300 µg/L). Sodium was detected in each well at concentrations ranging from 101,000 to 223,000 µg/L. These detections are above the AWQS (20,000 µg/L). Additional low-level metals were detected above laboratory detection limits in Site groundwater but below their respective AWQS.

PCBs

Aroclor 1232 was reported by the laboratory within groundwater monitoring wells MW-8 – MW-10 at concentrations of 0.116, 0.121 and 0.556 µg/L which is above the total PCB AWQS guidance

of 0.09 µg/L. Other targeted PCB parameters were not detected in the groundwater samples collected from the Site.

PFAS

PFOS were detected in MW-8, MW-9 andMW-10 at concentrations of 69.7, 68.1, 48.1 ng/L, respectively. The concentrations of PFOS reported within these wells exceed the NYSDEC April 2023 guidance which sets the MCL at 2.7 ng/L. PFOA was also reported in each of the three wells sampled during the April 11, 2024, monitoring event at concentrations of 20.3, 44.3, and 29.7 ng/L, respectively. The concentrations of PFOAs in these wells exceed the 6.7 ng/L MCL when compared to the NYSDEC April 2023 remedial guidance. Additional low-level PFAS were detected above laboratory detection limits in Site groundwater but below their respective water quality guidance values.

8.2.2 Relative Groundwater Elevation Survey

Each of the three newly installed Site wells were gauged using an electronic interface probe during the April 2024 SRI field work. The depth to water readings, as measured to the top of PVC well casing, were used in conjunction with elevation survey data collected from each well. An arbitrary datum of 100.00 feet bgs was applied to a benchmark, and corresponding relative elevations for depth to water were established for each monitoring well.

Well ID	Depth to Water (TOC[1])
MW-8	8.54
MW-9	8.68
MW-10	9.15

TOC[1] – Depth to water and total depths measure to top of PVC casing.

Historical groundwater elevation data gathered during the initial RI in January 2023 has shown that groundwater on-Site generally flows in a southeasterly direction across the northern portion of the Site, and a southerly direction across the southern portion of the Site. Wetlands are located to the east and southeast of the Site and are the presumed receiving body for Site groundwater. In addition to the adjacent wetlands, the Casperkill Creek is also a presumed receiving water body downgradient of the BCP Site.

8.3 SEDIMENT AND SURFACE WATER SAMPLING

To further characterize environmental conditions on the Subject Property which could have the potential to impact the adjacent/off-Site sensitive receptor known as the Casper Creek and surrounding wetlands, a total of six sediment and three co-located surface water samples were collected and analyzed during this SRI. All fieldwork associated with the soil sampling program complied with the safety guidelines outlined in the Site-Specific HASP and CAMP.

8.3.1 Sediment Sampling

On March 18, 2024, DTCS/BE collected a total of six sediment samples within the wetland boundary utilizing hand tooling (see Figure 24 for locations). The sediment samples were collected at the perimeter of the standing water associated with the wetlands/Casper Creek beginning downstream and continued in an upstream direction. Each of the six samples (denoted as SED-1 – SED-6) were obtained from the top of the sediment layer to approximately 6-inches into the sediment and can be described as silt, with traces of sand and gravel. Each sample was screened for organic vapors with a field calibrated PID equipped with a 10.2 electron volt lamp and evaluated for visual/olfactory indications of environmental impacts. No positive PID readings or evidence of environmental impacts were documented in any of the sediment sampling locations.

Upon retrieval and documenting sediment characteristics, each sample was placed in laboratory supplied glassware (once any excess water was allowed to drain), labeled, and readied for transport to the laboratory for analysis. All sampling tubes and tools used to collect the soil samples were decontaminated between each sampling location using a detergent wash and potable water rinse.

Each sample was submitted to a NYSDOH-approved laboratory for analysis of VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals (USEPA Various Methods), pesticides (USEPA Method 8081), PCBs (USEPA Method 8082), PFAs (USEPA Method 1633), cyanide (USEPA Method 9014/9010C), 1,4-dioxane (USEPA Method 8270 SIM) and organic carbon. All analyses were performed utilizing NYSDEC ASP methodology with Category B deliverables.

8.3.2 SURFACE WATER SAMPLING

A total of three co-located surface water samples (denoted as SWS-1, SWS-2 and SWS-3) were collected from the adjacent wetlands water body in the locations of the sediment samples denoted as SED-1, SED-3 and SED-5 (See Figure 24 for locations). Surface water samples were collected prior to sediment sampling, so as not to disturb the steady state conditions present in the water body and commenced downstream and continued in an upstream direction to avoid disturbing the sediments during sampling.

All surface water samples were collected in a manner consistent with NYSDEC sample collection protocols. Specifically, the employment of a sampling pole with a dedicated laboratory provided sample jar, enabled collection of grab surface water samples during the SRI, while minimizing the potential for disturbance of the underlying sediments. Following collection, each sample will be poured into appropriately labeled containers provided by the laboratory. All samples will be maintained at appropriate cold temperatures and were subsequently submitted to a NYSDOH-approved laboratory for analysis of VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals (USEPA Various Methods), pesticides (USEPA Method 8081), PCBs (USEPA Method 8082), PFAs (USEPA Method 1633), cyanide (USEPA Method 9014/9010C), 1,4-dioxane (USEPA Method 8270 SIM) and organic carbon. Field quality control measures including trip

and field blanks will be collected and submitted to the chemical laboratory for analysis. All analyses were performed utilizing NYSDEC ASP methodology with Category B deliverables.

8.3.3 SEDIMENT SAMPLING RESULTS

A total of six sediment samples were collected from within the wetland boundary located on the Subject Property. The analytical findings are summarized in Table 12 and are compared with NYSDEC Freshwater Sediment Guidance Values or SGVs (Tables 5, 7 and 8). The complete laboratory analytical reports have been placed in Appendix C for reference. A TAL Metals and SVOC exceedance sediment spider map is included as Figure 25

VOCs
A total of six VOCs (1,4-Dichlorobenzene, 2-Butanone, 4-Methyl-2-pentanone, Chlorobenzene, Ethanol, and Methyl acetate) were detected above laboratory detection limits during analysis of sediment samples collected. Note however that none of the reported parameters were found to exceed published guidance values. All other targeted VOCs were returned with non-detectable concentrations by the laboratory.

SVOCs
Several SVOCs were detected in the sediment samples collected above laboratory detection limits. Benzo(a)pyrene was detected in three of the six sediment samples above the Table 8 Guidance Value for Bioaccumulation-Human Health (0.0044-0.018 mg/kg). The concentrations of benzo(a)pyrene ranged from 0.136 to 1.050 mg/kg in the three samples which exceed the Guidance Value. All other reported concentrations were below freshwater sediment guidance values.

Pesticides
Pesticides were not detected in any of the sediment samples collected for analysis during the March 2024 SRI.

Metals
Sediment samples collected along the perimeter of standing water reported TAL metals in each of the six samples collected during analysis. Five metals including arsenic, copper, lead, nickel and zinc were the only compounds to exceed Class A guidance. Those metals which exceeded the Class A Guidance Values, were within the range for Class B freshwater sediment guidance values. None of the detected metals were within the Class C guidance values.

PCBs
PCBs were not detected in any of the sediment samples collected for analysis during this SRI.

PFAS
PFA parameters as outlined in EPA test method 1633 were detected in each of the six sediment samples collected during this SRI. A total of eight PFA compounds were detected, including (N-

EtFOSAA, Perfluorodecanoic acid (PFDA), Perfluorododecanoic acid (PFDoA), Perfluoroheptanoic acid (PFHpA), Perfluorohexanoic acid (PFHxA), Perfluorooctanesulfonic acid (PFOS), Perfluorooctanoic acid (PFOA), Perfluorotetradecanoic acid (PFTA), and Perfluoroundecanoic acid (PFUnA)). There are currently no Freshwater Sediment Guidance Values for PFAS. All additional PFOS/PFAS parameters were returned with non-detectable concentrations by the laboratory.

8.3.4 SURFACE WATER SAMPLING RESULTS

A total of three surface water samples were collected from the adjacent wetlands water body in the locations of the sediment samples denoted as SED-1, SED-3 and SED-5 on March 18, 2024. The analytical findings are summarized in Table 13 and are compared to TOGS 1.1.1 AWQS and the April 2023 Guidance for Sampling, Analysis and Assessment of PFAS. The complete laboratory analytical reports have been placed in Appendix C for reference. A TAL Metals exceedance surface water spider map is included as Figure 26.

VOCs

All targeted VOCs were returned with non-detect dissolved phase contaminant concentrations with the exception of naphthalene in each sample (0.27 to 0.56 µg/L) and chlorobenzene (0.550 µg/L) in SWS-2. The concentrations are well below the TOGS 1.1.1 guidance of 5 µg/L for chlorobenzene and 10 µg/L for naphthalene.

SVOCs

Four SVOCs were detected in the surface water samples collected above laboratory detection limits. Specifically, 1,4-Dioxane was reported in SWS-2 at a concentration of 0.304 µg/L, Bis(2-ethylhexyl)phthalate was found above laboratory detection limits in SWS-1 (0.576 µg/L) and SWS-3 (1.210 µg/L), Naphthalene was reported in SWS-3 at a concentration of 0.137 µg/L and Pyrene was documented at 0.0808 µg/L within SWS-1. The AWQS for these compounds are 0.35µg/L, 5 µg/L, 10 µg/L, and 50 µg/L, respectively. As such, each parameter was found below standards when compared to regulatory guidance. All other SVOCs were returned with non-detectable concentrations by the laboratory.

Pesticides

Pesticides were not detected in any of the surface water sediment samples collected for analysis during the March 2024 SRI.

Metals

Surface water samples collected along the perimeter of standing water reported eight TAL metals in each of the three samples collected during analysis. Only one metal, sodium, was found above its respective AWQS. Specifically, sodium was recorded at concentrations of 61,000, 23,900 and

23,300 µg/L within surface water samples SWS-1 – SWS-3. Note that the guidance for sodium is 20,000 µg/L. The remaining TAL Metals were returned with non-detectable contaminant concentrations by the laboratory.

PCBs

PCBs were not detected in any of the surface water samples collected for analysis during this SRI.

PFAS

PFA parameters as outlined in EPA test method 1633 were detected in each of the three surface water samples collected during this SRI. Each of the eight PFA compounds detected (1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS), N-EtFOSE, N-MeFOSA, Perfluorobutanesulfonic acid (PFBS), Perfluorododecanesulfonic acid (PFDoS), PFHpA, Perfluorohexanesulfonic acid (PFHxS), PFHxA, PFOS, PFOA and, Perfluoropentanoic acid (PFPeA) were below AWQS when compared to applicable guidance (where available). All additional PFOS/PFAS parameters were returned with non-detectable concentrations by the laboratory.

9.0 ENVIRONMENTAL AND PUBLIC HEALTH

A Qualitative Human Health Exposure Assessment (QHHEA) for the Site has been prepared in accordance with the requirements of DER-10/Technical Guidance for Site Investigation and Remediation, Appendix 3B, May 2010, and is presented in the following subsections. The QHHEA characterizes the exposure setting, identifies potentially complete exposure pathways, and qualitatively evaluates potential fate and transport of constituents from one medium to another (i.e., soil-to-air or soil-to-groundwater).

9.1 SITE SETTING

The Site is located at 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York. The Site includes an irregularly shaped 5.826 lot which is referenced under Section 6262, Block 3, Lot 162080 by the Town of Poughkeepsie. The portion of the Site accepted into the BCP includes an approximate 2.52-acre portion of the parcel (as referenced on Figure 2). The Subject facility is improved with a +/- 55,423 ft^2 two-story commercial warehouse/office building, asphalt parking areas and landscaped spaces. Approximately 50% of the building is warehouse storage space and the remaining 50% is occupied by various commercial enterprises. According to Town of Poughkeepsie Assessor records, the building was constructed in 1984. The Site is suspected to have been associated with a landfill as disturbed land was noted in at least 1970 and 1980 aerial photographs. Additionally, portions of the building have historically been utilized for bus repair and fueling operations. According to documents reviewed and based upon prior site inspections, PBS tanks including one, 10,000-gallon baffled diesel/gasoline AST, several 275 – 300-gallon ASTs for motor oil and washer fluid as well as two, 1,000-gallon ASTs (fuel type not noted) have been utilized at the Site. There is no evidence of any USTs existing at the Site and as of the date of this report, all ASTs appear to have been removed.

Groundwater beneath the Site is not used as potable drinking water. Additionally, potable water for the Site and surrounding area is reportedly supplied by municipal water. General Site use, a description of previous investigations, and the results of subsurface investigations can be found in Sections 1.0 through 7.0.

9.2 EXPOSURE ASSESSMENT

An exposure pathway is the way that humans or the environment come into contact with chemicals of potential concern (COPC). An exposure pathway is considered complete when the following five conditions are met:

1. Source (i.e., metals, semi-volatile organic compounds, PCBs, etc.);

2. Release and transport mechanism from source to environmental media (i.e., into the subsurface or volatilization to the air of an overlying building);

3. Point of human exposure (i.e., an occupied building or surface soil);

4. A route of exposure (ingestion, dermal contact, or inhalation); and

5. A receptor population (i.e., on-site workers or residents).

An exposure assessment will identify these pathways and includes a review of the potential sources of COPC and their release mechanisms, and identification of potential human receptors.

9.3 EXPOSURE CONCEPTUAL SITE MODEL

A conceptual site model has been developed based on the findings of the Site subsurface investigations described above and from the anticipated future use of the Site.

9.3.1 Potential Sources of Constituent of Potential Concern

Potential constituents of concern identified in Site soils above Unrestricted Use SCOs include:

- Metals: cadmium, copper, lead, nickel, zinc, and mercury
- VOCs: acetone, and xylenes
- PCBs
- Pesticides: 4,4-DDE, 4,4-DDT, 4,4-DDD, and dieldrin
- PFOAS

Potential contaminants of concern identified in Site soils above the Restricted Commercial Use SCOs, applicable to the proposed Track 4 Cleanup include:

- Metals: cadmium

Potential constituent of concern identified in groundwater above AWQS:

- Metals (unfiltered): lead, magnesium, manganese, and sodium
- VOCs: 1,4-Dichlorobenzene, benzene, and chlorobenzene

- PFOS/PFOA
- SVOCs (filtered): benzo(a)anthracene, and bis(2-ethylhexyl)phthalate

Potential contaminants of concern identified in soil gas above the New York State Department of Health (NYSDOH) Air Guidance Value and the NYSDOH Soil Vapor Intrusion Matrix A include:

- VOCs: TCE, PCE, and vinyl chloride

Other potential contaminants of concern identified in soil gas include:

- Methane

As a precaution, it is anticipated that the remedy will include a modification to the current mitigation system utilized on-Site.

9.3.2 Potential Release Mechanisms

Analysis of soil shows the Site-specific COPCs for soils are metals. Analysis of groundwater indicates low levels of metals, VOCs PFOS/PFOAS and SVOCs in groundwater on Site. Analysis of soil gas indicates the presence of TCE, PCE and methane in select soil gas locations on Site.

The possible explanations as to the occurrence of the above referenced compounds is the documented use of the Site as a municipal landfill by the Town of Poughkeepsie. As evidenced by changes in soil composition at varying depths, fill was imported to the Site during landfill operations to cover the debris imported. A combined effect of decomposing municipal waste and off-Site fill materials (common source of PAHs) is likely the source of Site-specific COPCs in soil, groundwater and soil gas.

9.3.3 Potential Human Receptors and Exposure Pathways

Ingestion and dermal contact are the possible routes of exposure to potential receptors with respect to impacted soils and groundwater on Site. Inhalation of dust is another possible route of exposure to potential receptors with respect to impacted soils. Under current and reasonably foreseeable uses, the potentially exposed populations include construction workers, utility workers, Site employees and visitors. The potential points of exposure include contact with soil and groundwater. As discussed below, the only complete exposure pathway is to construction and utility workers. At present, all impacted areas (with the exception of SB-5/MW-5) are covered by asphalt, concrete or the Site structure thus limiting exposure. As soils within the shallow soil horizon of SB-5/MW-5 (or grassy area within a parking island in the western quadrant of the Site) met RCSCOs; the exposure pathway is also limited. Groundwater beneath the Site is not, and is not expected to be, used as a water supply for commercial use or as potable drinking water to

residents or businesses. The potable water for the Site and surrounding area is supplied by municipal water.

The exposure pathway from groundwater and soil gas to indoor air appears limited at this time based upon Site characterization performed to date. An evaluation of sub-slab soil gas and ambient air (i.e., Soil Vapor Intrusion or SVI) has been completed and resulting detections do not warrant mitigation once compared to NYSDOH May 2017 Decision Matrices in any of the sampled locations. A result of "Monitor" for TCE at SG-8/ IA-8 and vinyl chloride at SG-11/ IA-11 was produced based on the NYSDOH matrix comparison. Both of these sample locations are slab-on-grade potions of the building which do not have a sub-grade piping network and/or active depressurization. Although the NYSDOH matrix comparison does not indicate mitigation is required, the elevated methane concentrations are expected to be remedied by the installation of an active depressurization system.

Based on the current use and the anticipated future use of the Site, the following potential human receptors have been identified: (i) Site employees and (ii) construction workers.

9.3.3.1 SITE EMPLOYEES

Future Site employees will not be exposed to soil or groundwater. As stated above, the majority of Site soils are covered by impervious surfaces and groundwater is not utilized; therefore, there are no exposure pathways via ingestion, inhalation or dermal contact. For the limited portion of the Site where surface soils do not a have a cover, said soils met RCSCOs (i.e. the small grassy strip within a parking lot island in the western portion of the Site) thus restricting exposure pathways. Future Site employees will not be exposed to soil gas as mitigation of soil vapor is anticipated to be remedied by an active depressurization system.

9.3.3.2 CURRENT OR FUTURE ON-SITE CONSTRUCTION AND UTILITY WORKERS.

Current or future on-Site and construction workers involved with disturbance of subsurface soils or groundwater may be exposed to COPCs through incidental ingestion and dermal contact during subsurface disturbance or excavation. Therefore, this receptor population has the potential for a complete exposure pathway. The final remedy will include the generation of a Site Management Plan which outlines practices to be used to minimize exposure when disturbing impacted soils and groundwater.

9.4 POTENTIAL ECOLOGICAL IMPACTS

Based upon the investigations conducted at the Site and knowledge of historical landfill activities surrounding the Subject Property, it does not appear that a Fish and Wildlife Impact Analysis (FWIA) is necessary. The Site is in an urban area consisting mainly of commercial areas. The majority of soil on Site is covered thereby reducing the potential for ecological impact. While

rainwater percolating through soil can allow for migration of contaminants to groundwater, the limited perched water identified at the Site suggests the extensive existing site pavement and generally clayey soils limit contaminant migration into deeper groundwater. Groundwater analyzed during Site characterization activities did display some targeted compound concentrations above AWQS. According to available documentation, the extent of the municipal waste landfill extends well beyond the BCP boundaries and parcel boundaries in every cardinal direction. Therefore, there is an obvious cumulative effect of potential off-Site related COPCs to migrate.

9.5 QHHEA CONCLUSIONS

A summary of the QHHEA is provided in the table below. The QHHEA identified soil gas as the primary impacted media and the use of the Site as a municipal landfill by the Town of Poughkeepsie as the primary potential source of COPCs. Site employees are not a likely receptor population for dermal, or ingestion pathways. Construction or utility workers conducting intrusive subsurface activates could be exposed to COPCs in Site soils and groundwater. The Site Management Plan will outline soil and groundwater handling practices to minimize exposure. Vapor mitigation will be remedied by an active depressurization system which will eliminate the potential for SVI.

Environmental Media & Exposure Route	Human Exposure Assessment
Direct Contact with Surface Soils (and incidental ingestion)	• People are not coming into contact because contaminated surface soils are being removed and/or covered with building slab, pavement, concrete or clean soils. • Site employee contact will be eliminated through operational restrictions.
Direct Contact with Subsurface Soils and Groundwater (and incidental ingestion)	• People come into contact if they complete ground intrusive work at the Site. This exposure is, therefore, limited to construction and utility workers as will be outlined in the Site Management Plan.
Ingestion of Groundwater	• Groundwater is not being used for drinking water; the area is served by the public water supply. • There are no known domestic water supply wells on-site or downgradient of the Site.
Inhalation of Air	• Potential soil gas impacts will be remedied via a mitigation system.

10.0 RI SUMMARY OF FINDINGS

Based on the RI data collected, remediation or additional investigation of Site soil, groundwater and exterior soil gas are not warranted. Limited impacts identified in these media are associated with the historic filling of the Site prior to the construction of the existing structure. Similar impacts are well documented in the surrounding area. Petroleum impacts to groundwater and soil vapor along the eastern portion of the Site are likely associated with closed Spills reported for the Site and/or former bus repair operations. No potential ongoing source (i.e., bulk petroleum storage, bus repair operations) of petroleum is known to exist at the Site. There are no potable wells in the vicinity of the Site and the majority of the Site is capped with asphalt and/or concrete slab associated with the building structure. Shallow soil samples collected from vegetated areas (non-capped) areas of the Site did not exhibit impacts in excess of Unrestricted Use SCOs (Note PFOS were detected in a shallow 0 to 6" sample (SB-5) in a vegetated area above the Unrestricted Guidance value).

Based upon the findings of this RI and subsequent pilot testing of the current mitigation system, modification of the existing SSDS in the central and southern portions of the building is necessary to effectively mitigate vapor intrusion and methane accumulation beneath the slab (see Figure 20 for an overview of the piping schematic for the current mitigation system). Such modifications include removal of old low air flow Suncourt fans, to be replaced with modern high airflow SSDS fans. Additionally, existing SSDS subgrade piping not connected to powered fans is recommended to be connected to modern high air flow SSDS fans. The eastern slab-on-grade garage areas are recommended for a complete SSDS installation including permanent extraction well(s) and connected to mitigation fan(s) Specific details regarding SSDS installation/ modifications will be presented in a Remedial Design (SSDS Design Document). A permanent methane monitoring system for the building will be specified in the Design Document for continuous monitoring of methane concentrations in indoor air.

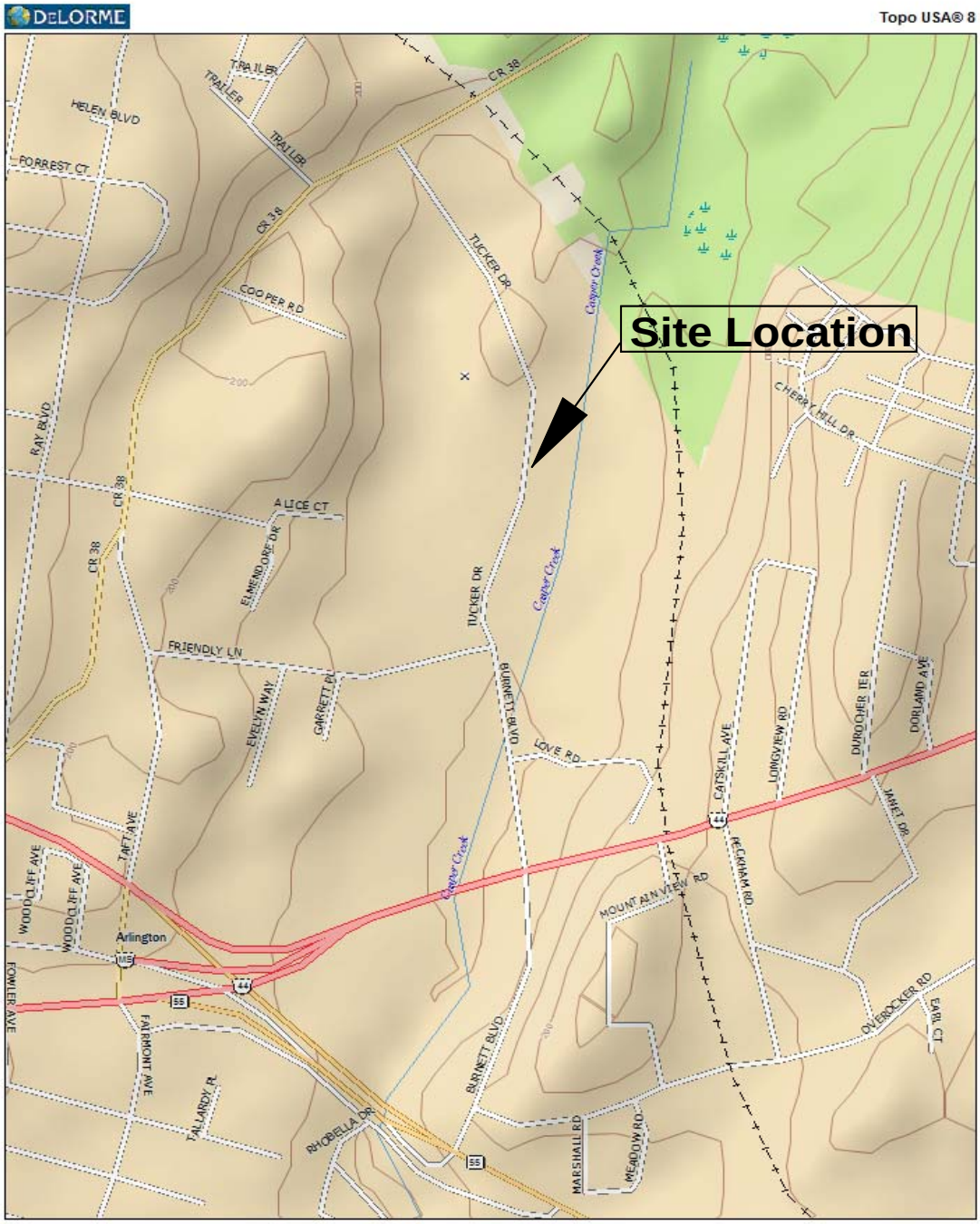
Casper Creek flows along the eastern property boundary and is the presumed receiving body for Site-wide groundwater which generally flows from the BCP Site to the southeast (northern portion of Site) and south (southern portion of Site). Casper Creek is considered a Class C water body and is part of a network of streams and tributaries which ultimately drain to the Lower Hudson River. Class C water bodies are not used as a drinking water resource. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The water quality shall be suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes. The sediment samples collected from the site boundary meet the Class B Freshwater Guidance Values. Benzo(a) pyrene exceeds the Table 8- Bio-accumulation Guidance Values for Human Health, however, human consumption of fish and shellfish from a Class C water body is not permitted. One metal (sodium) was detected in the surface water samples collected from Casper Creek above AWQS. Sodium exceeded AWQS in on-site monitoring wells. All other metals and analyte groups (VOCs, SVOCs, pesticides, PCBs and PFAS) did not exceed AWQS in surface water.

A Remedial Action Work Plan will be prepared summarizing the RI findings and outlining the remedial strategy for the Site. A Track 4 cleanup with the use of Engineering and Institutional Controls (ECs/ ICs) to manage residual impacted Site media is appropriate based on the RI findings. A Site Management Plan will be required for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of ECs/ ICs, and reporting at a specified frequency.

11.0 SCHEDULE

Milestone	Anticipated Date
Revised RIR Submission	July 11, 2024
NYSDEC and NYSDOH Revised RIR Approval	August 23, 2024
SSDS Design Document Submission	August 5, 2024
Remedial Action Work Plan Submission	August 19, 2024
NYSDEC and NYSDOH SSDS Design Document Approval	September 16, 2024
Installation/ Modification of SSDS/ System Startup and Testing	October – November 2024
Remedial Action Field Work	November 2024
Final Engineering Report and Site Management Plan	December 2024
Certificate of Completion	December 2024

FIGURES



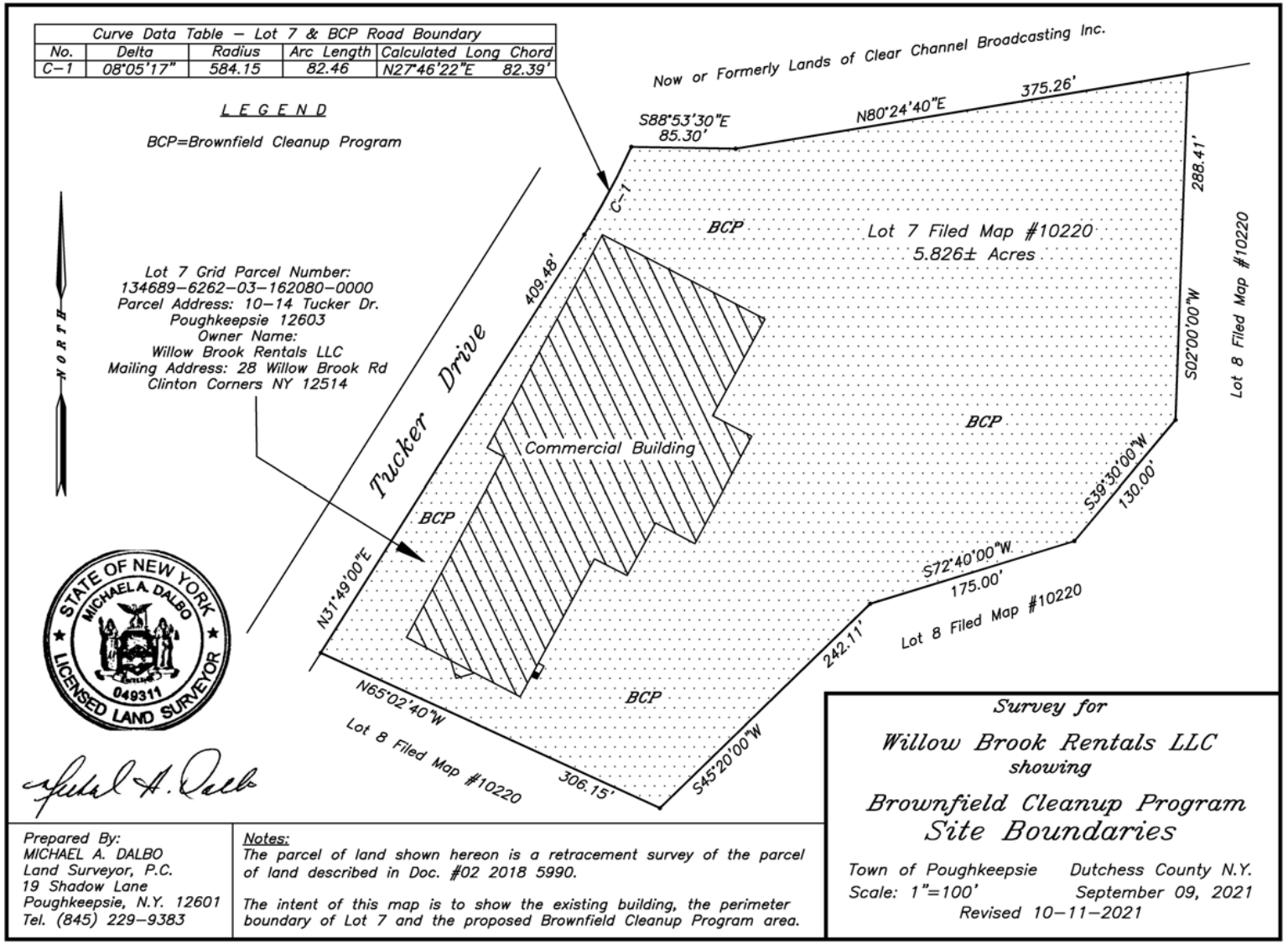
Client: Tompkins Mahopac Bank

Site: 10-14 Tucker Drive, Poughkeepsie, New York

Spill #:	**Drawn by:**	**Scale:**
16-110111	DJT	Graphic

Site Location Plan

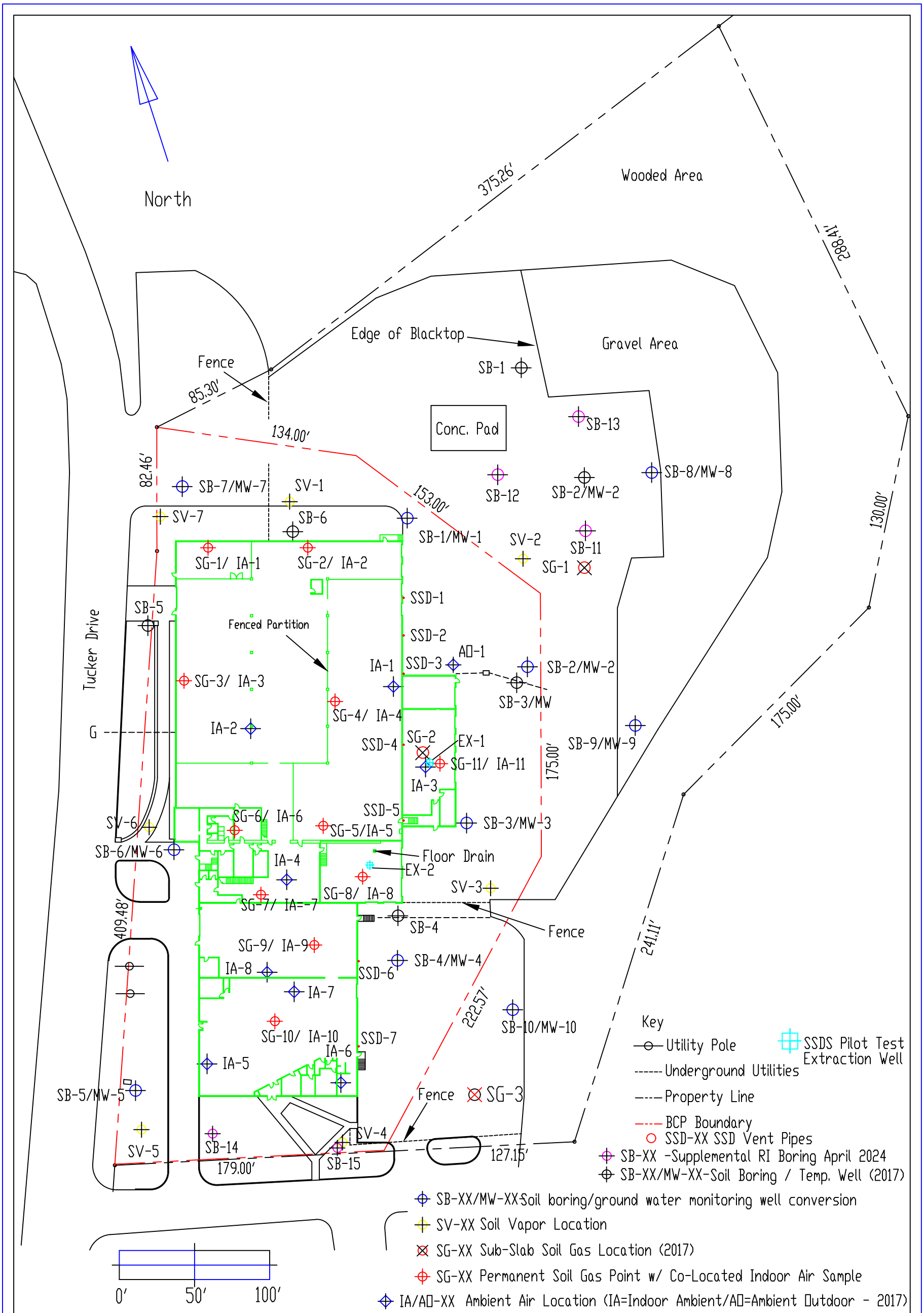
Figure No: 1



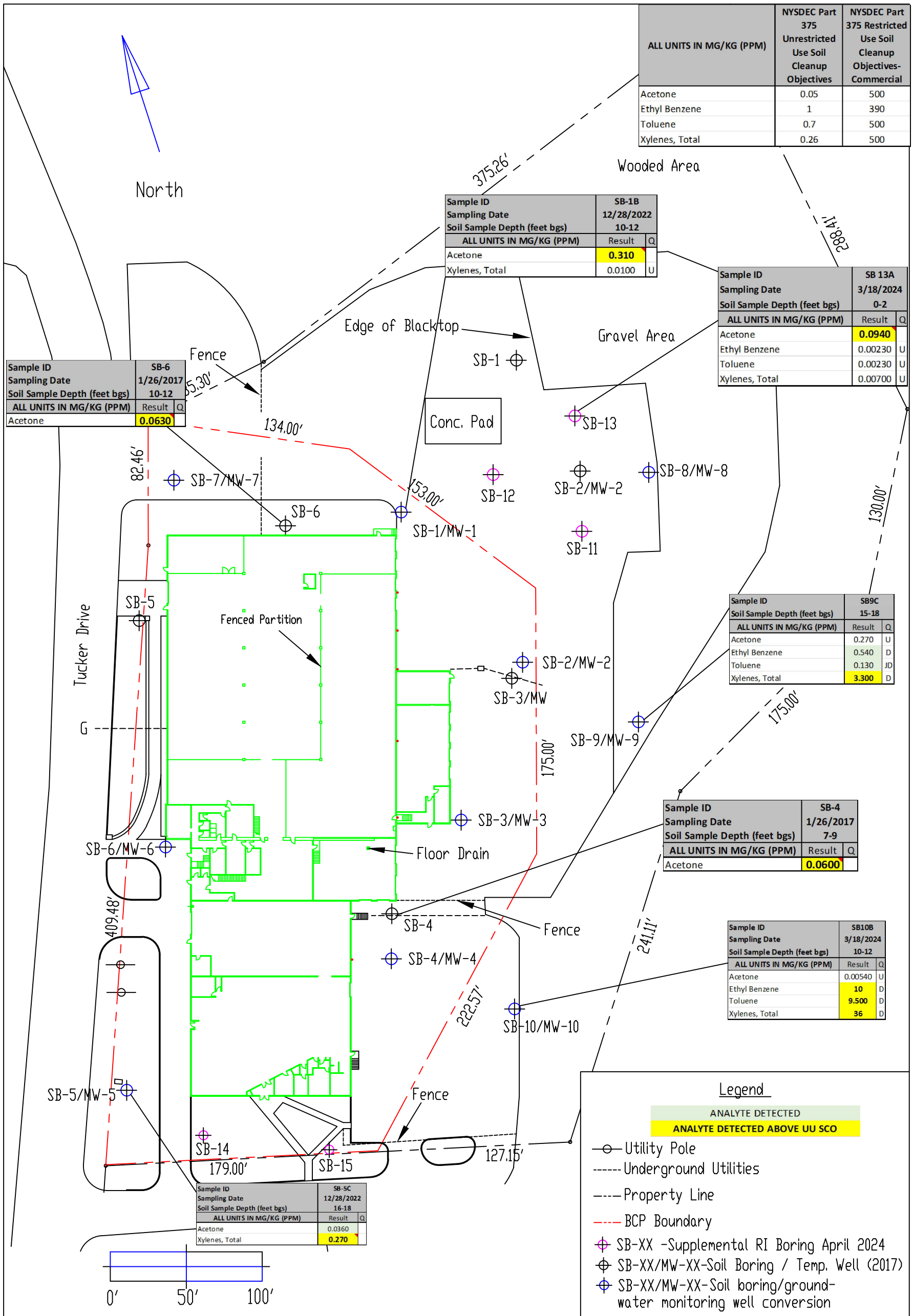
Copy of BCP Survey Map as Generated by Michael J Dalbo, Land Surveyor, P.C. , October 11, 2021

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client:	Willow Brook Rentals LLC			
Location:	10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
Title:	Site (base) Map			
Scale: Graphic		Drawn By: O.T.	BCP Site No.: C314132	Fig.#: 2



DT Consulting Services 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	Client: Willow Brook Rentals LLC			
	Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
	Title: Remedial Investigation Sample Locations			
	Scale: Graphic	Drawn By: D.T.	BCP Site#: C314132	Fig.#: 3



ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Acetone	0.05	500
Ethyl Benzene	1	390
Toluene	0.7	500
Xylenes, Total	0.26	500

Sample ID	SB-1B
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	10-12
ALL UNITS IN MG/KG (PPM)	Result / Q
Acetone	**0.310**
Xylenes, Total	0.0100 U

Sample ID	SB 13A
Sampling Date	3/18/2024
Soil Sample Depth (feet bgs)	0-2
ALL UNITS IN MG/KG (PPM)	Result / Q
Acetone	**0.0940**
Ethyl Benzene	0.00230 U
Toluene	0.00230 U
Xylenes, Total	0.00700 U

Sample ID	SB-6
Sampling Date	1/26/2017
Soil Sample Depth (feet bgs)	10-12
ALL UNITS IN MG/KG (PPM)	Result / Q
Acetone	**0.0630**

Sample ID	SB9C
Soil Sample Depth (feet bgs)	15-18
ALL UNITS IN MG/KG (PPM)	Result / Q
Acetone	0.270 U
Ethyl Benzene	0.540 D
Toluene	0.130 JD
Xylenes, Total	**3.300** D

Sample ID	SB-4
Sampling Date	1/26/2017
Soil Sample Depth (feet bgs)	7-9
ALL UNITS IN MG/KG (PPM)	Result / Q
Acetone	**0.0600**

Sample ID	SB10B
Sampling Date	3/18/2024
Soil Sample Depth (feet bgs)	10-12
ALL UNITS IN MG/KG (PPM)	Result / Q
Acetone	0.00540 U
Ethyl Benzene	**10** D
Toluene	**9.500** D
Xylenes, Total	**36** D

Sample ID	SB-5C
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	16-18
ALL UNITS IN MG/KG (PPM)	Result / Q
Acetone	0.0360
Xylenes, Total	**0.270**

Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX -Supplemental RI Boring April 2024
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: VOCs in Soil Above UU SCOs

Scale: Graphic - 11"x17" | Drawn By: D.T. | BCP Site #: C314132 | Fig.#: 4

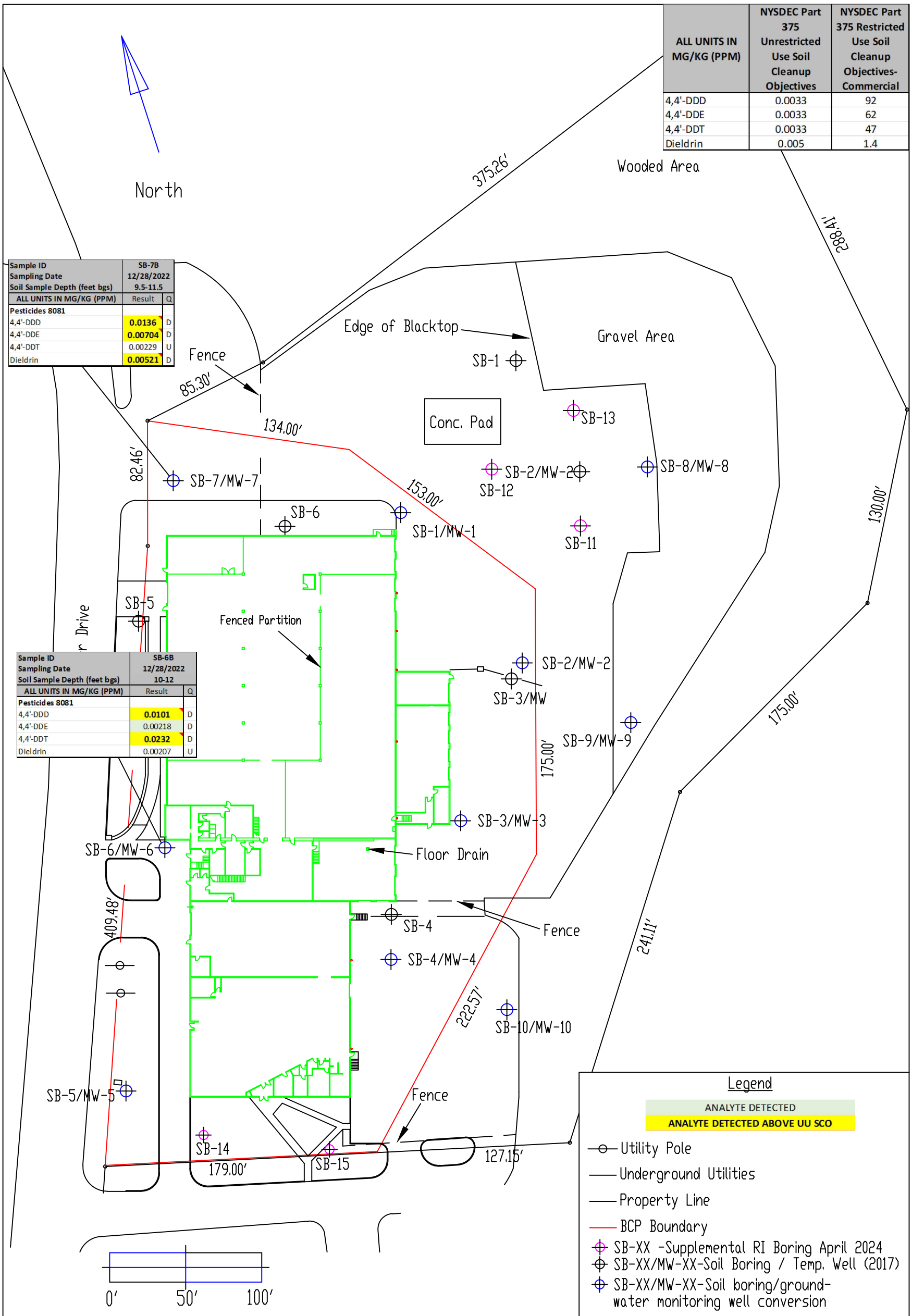
ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial
4,4'-DDD	0.0033	92
4,4'-DDE	0.0033	62
4,4'-DDT	0.0033	47
Dieldrin	0.005	1.4

Sample ID	SB-7B
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	9.5-11.5

ALL UNITS IN MG/KG (PPM)	Result	Q
Pesticides 8081		
4,4'-DDD	**0.0136**	D
4,4'-DDE	**0.00704**	D
4,4'-DDT	0.00229	U
Dieldrin	**0.00521**	D

Sample ID	SB-6B
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	10-12

ALL UNITS IN MG/KG (PPM)	Result	Q
Pesticides 8081		
4,4'-DDD	**0.0101**	D
4,4'-DDE	0.00218	D
4,4'-DDT	**0.0232**	D
Dieldrin	0.00207	U



Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX -Supplemental RI Boring April 2024
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: Pesticides in Soil Above UU SCOs

Scale: Graphic 11"x17"	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 5

ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
TAL Metals		
Cadmium	2.5	9.3
Copper	50	270
Lead	63	1000
Nickel	30	310
Selenium	3.9	1500
Zinc	109	10000
Mercury	0.18	2.8

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE CU SCO

North

Wooded

375.26'

288.41'

Sample ID	SB-7A	SB-7B	SB-7C	SB-7C Dup
Sampling Date	12/28/2022	12/28/2022	12/28/2022	12/28/2022
Soil Sample Depth (feet bgs)	2-4	9.5-11.5	18-20	18-20
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q	Result Q	Result Q
Cadmium	0.267 U	0.353 U	0.307 U	0.317 U
Copper	45	49.200	36.200	46.800
Lead	26.800	38	23.600	31.800
Nickel	**32.1**	**44.0**	**36.3**	**50.1**
Zinc	84.500	**126**	83.400	**113**
Mercury	0.0583	0.0613	0.0368 U	0.0381 U

Sample ID	SB-1B	SB-1C
Sampling Date	12/28/2022	12/28/2022
Soil Sample Depth (feet bgs)	10-12	18-20
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q
Cadmium	0.423	0.368 U
Copper	37.900	45.700
Lead	25.600	28.700
Nickel	**40.3**	**41.4**
Zinc	91.900	106
Mercury	0.0378 U	0.0441 U

Sample ID	SB8B
Sampling Date	3/18/2024
Soil Sample Depth (feet bgs)	10-12
ALL UNITS IN MG/KG (PPM)	Result Q
TAL Metals	
Copper	37.600
Nickel	20.900
Selenium	**3.920**
Zinc	94.300

Edge of Blacktop

Gravel Area

Fence

85.30'

SB-1

Conc. Pad

SB-13

134.00'

82.46'

SB-7/MW-7

SB-2/MW-2

SB-12

SB-8/MW-8

153.00'

SB-6

SB-1/MW-1

SB-11

Sample ID	SB-2A	SB-2B	SB-2C
Sampling Date	12/28/2022	12/28/2022	12/28/2022
Soil Sample Depth (feet bgs)	1-2	10-12	18-20
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q	Result Q
Cadmium	**12**	0.323 U	0.339
Copper	**121**	45.100	44.500
Lead	49.400	31.400	26.700
Nickel	25.0	**47.3**	**43.2**
Zinc	**115**	101	105
Mercury	0.100	0.0387 U	0.0383 U

SB-5

Drive

Fenced Partition

Sample ID	SB-6A	SB-6B	SB-6C
Sampling Date	12/28/2022	12/28/2022	12/28/2022
Soil Sample Depth (feet bgs)	2-4	10-12	23-25
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q	Result Q
Cadmium	0.281 U	0.323 U	0.361 U
Copper	47.700	43.300	45
Lead	32.100	28.700	31
Nickel	**31.7**	**36.7**	**43.3**
Zinc	93.500	104	**131**
Mercury	0.0659	0.0455	0.0441

SB-2/MW-2

SB-3/MW

Sample ID	SB9A
Sampling Date	3/18/2024
Soil Sample Depth (feet bgs)	0-2
ALL UNITS IN MG/KG (PPM)	Result Q
TAL Metals	
Copper	**50.500**
Nickel	28.300
Selenium	3.820
Zinc	87.400

SB-9/MW-9

175.00'

Sample ID	SB-3A	SB-3B	SB-3C
Sampling Date	12/28/2022	12/28/2022	12/28/2022
Soil Sample Depth (feet bgs)	3-5	14-16	18-20
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q	Result Q
Cadmium	1.180	0.370	0.328 U
Copper	**71.700**	39.500	41.600
Lead	**203**	24.200	28.700
Nickel	**31.3**	**41.3**	**41.3**
Zinc	**138**	97.900	102
Mercury	0.0430	0.0386 U	0.0394 U

SB-3/MW-3

SB-6/MW-6

Floor Drain

Sample ID	SB-5A	SB-5B	SB-5C	SB-5D
Sampling Date	12/28/2022	12/28/2022	12/28/2022	12/28/2022
Soil Sample Depth (feet bgs)	0-6"	1-2	16-18	23-25
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q	Result Q	Result Q
Cadmium	0.307 U	0.285 U	0.312 U	0.332 U
Copper	36.300	37.400	48.900	42.300
Lead	41.500	**112**	25.500	23.900
Nickel	26.0	24.1	**35.4**	**35.0**
Zinc	**124**	103	106	91.900
Mercury	0.0900	**0.192**	0.0399	0.0399 U

SB-4

Fence

SB-4/MW-4

241.11'

Sample ID	SB10B
Sampling Date	3/18/2024
Soil Sample Depth (feet bgs)	10-12
ALL UNITS IN MG/KG (PPM)	Result Q
TAL Metals	
Copper	44.300
Nickel	**36.600**
Selenium	**5.410**
Zinc	93.300

222.57'

SB-10/MW-10

SB-5/MW-5

Sample ID	SB-4B	SB-4C
Sampling Date	12/28/2022	12/28/2022
Soil Sample Depth (feet bgs)	14-16	18-20
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q
Cadmium	0.341 U	0.509
Copper	**78**	42.800
Lead	33.100	26.300
Nickel	**50.8**	**36.1**
Zinc	**126**	98.200
Mercury	0.0423	0.0395 U

Sample ID	SB 14	SB 14 Dup
Sampling Date	3/18/2024	3/18/2024
Soil Sample Depth (feet bgs)	0-1	0-1
ALL UNITS IN MG/KG (PPM)	Result Q	Result Q
TAL Metals		
Copper	47.900	**50.900**
Nickel	24.700	27.400
Selenium	3.700	**5.900**
Zinc	**115**	**113**

SB-14

179.00'

SB-15

0'

50'

100'

Legend

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE CU SCO

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX -Supplemental RI Boring April 2024
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: TAL Metals in Soil Above UU and CU SCOs

Scale: Graphic 11"x17" | Drawn By: D.T. | BCP Site #: C314132 | Fig.#: 6

ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Aroclor 1242	~	~
Aroclor 1248	~	~
Aroclor 1254	~	~
Aroclor 1260	~	~
Total PCBs	0.1	1

Sample ID	SB-7B
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	9.5-11.5

ALL UNITS IN MG/KG (PPM)	Result	Q
Aroclor 1242	0.0232	U
Aroclor 1248	0.198	
Aroclor 1254	0.0232	U
Aroclor 1260	0.0634	
Total PCBs	**0.261**	

Sample ID	SB-2A
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	1-2

ALL UNITS IN MG/KG (PPM)	Result	Q
Aroclor 1242	0.283	
Aroclor 1248	0.0177	U
Aroclor 1254	0.0177	U
Aroclor 1260	0.0979	
Total PCBs	**0.381**	

15-18		
PCBs 8082		
Aroclor 1248	0.0199	U
Aroclor 1260	0.0199	U
Total PCBs		

Sample ID	SB-3B
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	14-16

ALL UNITS IN MG/KG (PPM)	Result	Q
Aroclor 1242	0.212	
Aroclor 1248	0.0210	U
Aroclor 1254	0.0210	U
Aroclor 1260	0.0210	U
Total PCBs	**0.212**	

North
Wooded Area
Gravel Area
Edge of Blacktop
Fence
Conc. Pad
Fenced Partition
Tucker Drive
Floor Drain
Fence
Fence
375.26'
288.41'
85.30'
134.00'
82.46'
153.00'
130.00'
175.00'
409.48'
241.11'
222.57'
127.15'
179.00'
SB-1
SB-13
SB-2/MW-2
SB-12
SB-8/MW-8
SB-7/MW-7
SB-6
SB-1/MW-1
SB-11
SB-5
SB-2/MW-2
SB-3/MW
SB-9/MW-9
SB-3/MW-3
SB-6/MW-6
SB-4
SB-4/MW-4
SB-10/MW-10
SB-5/MW-5
SB-14
SB-15
0'
50'
100'

Legend
- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX -Supplemental RI Boring April 2024
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	Client: Willow Brook Rentals LLC		
	Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York		
	Title: PCBs in Soil Above UU SCOs		
	Scale: Graphic 11"x17"	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 7

ALL UNITS IN µG/KG (PPB)	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-April 2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-April 2023
Perfluorooctanesulfonic acid (PFOS)	0.88	440

North

Wooded Area

375.26'

288.41'

Edge of Blacktop

Gravel Area

Fence

85.30'

SB-1

Conc. Pad

SB-13

134.00'

82.46'

SB-7/MW-7

SB-6

153.00'

SB-1/MW-1

SB-2/MW-2

SB-12

SB-8/MW-8

SB-11

130.00'

SB-5

Tucker Drive

SB-2/MW-2

SB-3/MW

G

175.00'

SB-9/MW-9

175.00'

SB-3/MW-3

SB-6/MW-6

Sample ID	SB-5A
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	0-6"

ALL UNITS IN µG/KG (PPB)	Result	Q
Perfluorooctanesulfonic acid (PFOS)	1.260	

SB-4

Fence

SB-4/MW-4

Sample ID	SB-4B
Sampling Date	12/28/2022
Soil Sample Depth (feet bgs)	14-16

ALL UNITS IN µG/KG (PPB)	Result	Q
Perfluorooctanesulfonic acid (PFOS)	1.610	

241.11'

222.57'

SB-10/MW-10

SB-5/MW-5

Fence

SB-14

179.00'

SB-15

127.15'

0-2

Perfluorooctanesulfonic acid (PFOS)

0' 50' 100'

Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU Guidance

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX -Supplemental RI Boring April 2024
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: PFAs in Soil Above UU Guidance

Scale: Graphic 11"x17"	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 8

Sample ID Sampling Date Matrix	MW-2 1/5/2023 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2,4-Trimethylbenzene	0.310	U
1,3,5-Trimethylbenzene	0.347	U
1,4-Dichlorobenzene	1.400	
Benzene	**7.130**	
Chlorobenzene	**83.900**	
Ethyl Benzene	0.290	U
Isopropylbenzene	0.405	U
n-Propylbenzene	0.384	U
o-Xylene	0.261	U
Toluene	0.346	U
Xylenes, Total	0.836	U

Sample ID Sampling Date Matrix	SB2-GW 1/26/2017 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2-Dichlorobenzene	1.600	
1,4-Dichlorobenzene	**17**	
Benzene	**160**	D
Chlorobenzene	**140**	D
Ethyl Benzene	**17**	
Isopropylbenzene	**11**	
Naphthalene	**57**	
n-Propylbenzene	**8.300**	
Xylenes, Total	**6**	

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	
VOCs 8260	
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
1,4-Dichlorobenzene	3
Benzene	1
Chlorobenzene	5
Ethyl Benzene	5
Isopropylbenzene	5
n-Propylbenzene	5
o-Xylene	5
Toluene	5
Xylenes, Total	5

Sample ID Sampling Date Matrix	MW-8 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2,4-Trimethylbenzene	0.650	
1,3,5-Trimethylbenzene	0.347	U
1,4-Dichlorobenzene	**3.580**	
Benzene	**9.600**	
Chlorobenzene	**91.900**	D
Ethyl Benzene	0.390	J
Isopropylbenzene	**6.830**	
n-Propylbenzene	3.530	
o-Xylene	0.660	
Toluene	0.346	U
Xylenes, Total	1.350	J

Sample ID Sampling Date Matrix	SB3-GW 1/26/2017 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2-Dichlorobenzene	**3.400**	
1,4-Dichlorobenzene	**8.200**	
Benzene	**28**	
Chlorobenzene	**410**	D
Ethyl Benzene	0.920	
Isopropylbenzene	2.300	
Naphthalene	**25**	
n-Propylbenzene	2.100	
Xylenes, Total	3.700	

Sample ID Sampling Date Matrix	MW-9 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2,4-Trimethylbenzene	**23.900**	
1,3,5-Trimethylbenzene	**8.930**	
1,4-Dichlorobenzene	**3.420**	
Benzene	0.279	U
Chlorobenzene	**19**	
Ethyl Benzene	**30.500**	
Isopropylbenzene	3.230	
n-Propylbenzene	**7.010**	
o-Xylene	**16**	
Toluene	**13**	
Xylenes, Total	**155**	D

Sample ID Sampling Date Matrix	MW-3 1/5/2023 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2,4-Trimethylbenzene	0.310	U
1,3,5-Trimethylbenzene	0.347	U
1,4-Dichlorobenzene	**7.310**	
Benzene	0.820	
Chlorobenzene	**92.600**	
Ethyl Benzene	0.290	U
Isopropylbenzene	0.980	
n-Propylbenzene	0.384	U
o-Xylene	0.310	J
Toluene	0.346	U
Xylenes, Total	0.836	U

Sample ID Sampling Date Matrix	MW-4 1/5/2023 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2,4-Trimethylbenzene	0.310	U
1,3,5-Trimethylbenzene	0.347	U
1,4-Dichlorobenzene	2.510	
Benzene	0.279	U
Chlorobenzene	**35.900**	
Ethyl Benzene	0.290	U
Isopropylbenzene	0.405	U
n-Propylbenzene	0.384	U
o-Xylene	0.261	U
Toluene	0.346	U
Xylenes, Total	0.836	U

Sample ID Sampling Date Matrix	MW-10 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
1,2,4-Trimethylbenzene	**5.530**	
1,3,5-Trimethylbenzene	1.740	
1,4-Dichlorobenzene	1.060	
Benzene	0.279	U
Chlorobenzene	**10.900**	
Ethyl Benzene	**24**	
Isopropylbenzene	0.760	
n-Propylbenzene	1.470	
o-Xylene	**10.700**	
Toluene	**21.300**	
Xylenes, Total	**104**	

North

Wooded Area

Edge of Blacktop

Gravel Area

Fence

85.30'

134.00'

82.46'

153.00'

175.00'

241.11'

222.57'

127.15'

Groundwater Flow Direction

Conc. Pad

SB-7/MW-7
Screen Depth: 5 - 15 feet bgs

SB-1/MW-1
Screen Depth: 5 - 15 feet bgs

SB-2/MW-2
Screen Depth: 5-20 feet bgs

SB-8/MW-8
Screen Depth: 5-20 feet bgs

SB-2/MW-2
Screen Depth: 5 - 15 feet bgs

SB-3/MW

SB-9/MW-9
Screen Depth: 5-20 feet bgs

SB-3/MW-3
Screen Depth: 5 - 15 feet bgs

SB-6/MW-6
Screen Depth: 5 - 15 feet bgs

SB-4/MW-4
Screen Depth: 5 - 15 feet bgs

SB-10/MW-10
Screen Depth: 5-20 feet bgs

SB-5/MW-5
Screen Depth: 5 - 15 feet bgs

Tucker Drive

0' 50' 100'

Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE AWQS

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: VOCs in Groundwater Above AWQS

Scale: Graphic 11"x17" | Drawn By: D.T. | BCP Site #: C314132 | Fig.#: 9

ALL UNITS IN MICOGRAMS PER LITER (µg/L)	NYSDEC TOGS Standards and Guidance Values - GA
1,4-Dioxane	~
Benzo(a)anthracene	0.002
Bis(2-ethylhexyl)phthalate	5
Naphthalene	10

North

Wooded Area

375.26'

288.41'

Sample ID	MW-1 Dup
Sampling Date	1/5/2023
Matrix	Groundwater

ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Benzo(a)anthracene	**0.0513**	
Bis(2-ethylhexyl)phthalate	0.626	B

Sample ID	MW-7
Sampling Date	1/5/2023
Matrix	Groundwater

ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Benzo(a)anthracene	*0.0526*	*U*
Bis(2-ethylhexyl)phthalate	**7.980**	BD

Edge of Blacktop

Gravel Area

Fence

85.30'

Groundwater Flow Direction

Conc. Pad

Sample ID	SB2-GW
Sampling Date	1/26/2017
Matrix	Groundwater

ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Naphthalene	**17**	

134.00'

82.46'

SB-7/MW-7
Screen Depth: 5 - 15 feet bgs

153.00'

SB-1/MW-1
Screen Depth: 5 - 15 feet bgs

SB-2/MW-2

SB-8/MW-8
Screen Depth: 5-20 feet bgs

130.00'

SSD-1

Tucker Drive

SB-2/MW-2
Screen Depth: 5 - 15 feet bgs

SB-3/MW

Sample ID	MW-8
Sampling Date	4/11/2024
Matrix	Groundwater

ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Benzo(a)anthracene		
1,2Dioxane	**1.780**	

175.00'

SB-9/MW-9
Screen Depth: 5-20 feet bgs

175.00'

SB-3/MW-3
Screen Depth: 5 - 15 feet bgs

Sample ID	MW-3
Sampling Date	1/5/2023
Matrix	Groundwater

ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Benzo(a)anthracene	**0.0615**	
Bis(2-ethylhexyl)phthalate	1.660	B

SB-6/MW-6
Screen Depth: 5 - 15 feet bgs

409.48'

Groundwater Flow Direction

Fence

241.11'

SB-4/MW-4
Screen Depth: 5 - 15 feet bgs

222.57'

SB-10/MW-10
Screen Depth: 5-20 feet bgs

SB-5/MW-5
Screen Depth: 5 - 15 feet bgs

Fence

179.00'

127.15'

0' 50' 100'

Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE AWQS

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: SVOCs in Groundwater Above AWQS

Scale: Graphic 11"x17"	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 10

ALL UNITS IN MICROGRAMS PER LITER (µg/L)	NYSDEC TOGS Standards and Guidance Values - GA
Lead	25
Magnesium	35000
Manganese	300
Sodium	20000

North

Wooded Area

375.26'

Sample ID	MW-1		MW-1 Dup	
Sampling Date	1/5/2023		1/5/2023	
Matrix	Groundwater		Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q	Result	Q
Lead	5.560	U	5.560	U
Magnesium	23,900		24,900	
Manganese	**3,220**		**3,150**	
Sodium	**42,500**		**50,500**	

Sample ID	MW-8	
Sampling Date	4/11/2024	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
TAL Metals		
Lead	5.560	U
Magnesium	29,900	
Manganese	**954**	
Sodium	**101,000**	

Sample ID	MW-7	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
Lead	5.560	U
Magnesium	**40,600**	
Manganese	**3,340**	
Sodium	**123,000**	

Edge of Blacktop

Gravel Area

Fence

85.30'

Groundwater Flow Direction

Conc. Pad

134.00'

82.46'

SB-7/MW-7
Screen Depth: 5 - 15 feet bgs

153.00'

SB-1/MW-1
Screen Depth: 5 - 15 feet bgs

SB-2/MW-2

SB-8/MW-8 Screen Depth: 5-20 feet bgs

Sample ID	MW-9	
Sampling Date	4/11/2024	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
TAL Metals		
Lead	5.560	U
Magnesium	**36,100**	
Manganese	**933**	
Sodium	**223,000**	

Sample ID	MW-6	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
Lead	5.560	U
Magnesium	13,600	
Manganese	**1,850**	
Sodium	**143,000**	

SB-2/MW-2
Screen Depth: 5 - 15 feet bgs

SB-3/MW

SB-9/MW-9
Screen Depth: 5-20 feet bgs

175.00'

Sample ID	MW-3	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
Lead	8.800	
Magnesium	**45,300**	
Manganese	**448**	
Sodium	**119,000**	

SB-3/MW-3
Screen Depth: 5 - 15 feet bgs

SB-6/MW-6
Screen Depth: 5 - 15 feet bgs

Sample ID	MW-10	
Sampling Date	4/11/2024	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
TAL Metals		
Lead	5.560	U
Magnesium	32,100	
Manganese	**1,360**	
Sodium	**121,000**	B

409.48'

Groundwater Flow Direction

Fence

241.11'

SB-4/MW-4
Screen Depth: 5 - 15 feet bgs

222.57'

SB-10/MW-10
Screen Depth: 5-20 feet bgs

SB-5/MW-5
Screen Depth: 5 - 15 feet bgs

Sample ID	MW-5	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
Lead	5.560	U
Magnesium	29,400	
Manganese	**2,170**	
Sodium	**418,000**	

Sample ID	MW-4	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)	Result	Q
Lead	**42.800**	
Magnesium	27,300	
Manganese	**1,790**	
Sodium	**167,000**	

Fence

127.15'

0' 50' 100'

Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE AWQS

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: TAL Metals in GW Above AWQS

Scale: Graphic 11"x17"	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 11

Sample ID	MW-1		MW-1 Dup	
Sampling Date	1/5/2023		1/5/2023	
Matrix	Groundwater		Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q	Result	Q
PFAS, EPA 1633				
Perfluorooctanesulfonic acid (PFOS)	**14.200**		**15.400**	
Perfluorooctanoic acid (PFOA)	**7.270**		**8.330**	

ALL UNITS IN NANOGRAMS PER LITER (µg/L)	NYDEC Part 375 PFAS Remedial Program Water April 2023
Perfluorooctanesulfonic acid (PFOS)	2.7
Perfluorooctanoic acid (PFOA)	6.7

Sample ID	MW-7	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q
PFAS, EPA 1633		
Perfluorooctanesulfonic acid (PFOS)	**6.610**	
Perfluorooctanoic acid (PFOA)	4.860	

Sample ID	MW-8	
Sampling Date	4/11/2024	
Matrix	Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q
PFAS, EPA 1633		
Perfluorooctanesulfonic acid (PFOS)	**69.700**	
Perfluorooctanoic acid (PFOA)	**20.300**	

Sample ID	MW-9	
Sampling Date	4/11/2024	
Matrix	Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q
PFAS, EPA 1633		
Perfluorooctanesulfonic acid (PFOS)	**68.100**	
Perfluorooctanoic acid (PFOA)	**44.300**	

Sample ID	MW-3	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q
PFAS, EPA 1633		
Perfluorooctanesulfonic acid (PFOS)	**160**	
Perfluorooctanoic acid (PFOA)	**42.500**	

Sample ID	MW-10	
Sampling Date	4/11/2024	
Matrix	Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q
PFAS, EPA 1633		
Perfluorooctanesulfonic acid (PFOS)	**48.100**	
Perfluorooctanoic acid (PFOA)	**29.700**	

Sample ID	MW-5	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q
PFAS, EPA 1633		
Perfluorooctanesulfonic acid (PFOS)	**7.630**	
Perfluorooctanoic acid (PFOA)	4.580	

Sample ID	MW-4	
Sampling Date	1/5/2023	
Matrix	Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)	Result	Q
PFAS, EPA 1633		
Perfluorooctanesulfonic acid (PFOS)	**75.500**	
Perfluorooctanoic acid (PFOA)	**16.100**	

North

Wooded Area

375.26'

Edge of Blacktop

Gravel Area

Fence

85.30'

134.00'

82.46'

153.00'

Groundwater Flow Direction

Conc. Pad

SB-7/MW-7
Screen Depth: 5 - 15 feet bgs

SB-1/MW-1
Screen Depth: 5 - 15 feet bgs

SB-2/MW-2

SB-8/MW-8 Screen Depth: 5-20 feet bgs

Tucker Drive

SB-2/MW-2
Screen Depth: 5 - 15 feet bgs

SB-3/MW

SB-9/MW-9
Screen Depth: 5-20 feet bgs

175.00'

SB-3/MW-3
Screen Depth: 5 - 15 feet bgs

SB-6/MW-6
Screen Depth: 5 - 15 feet bgs

Fence

Groundwater Flow Direction

SB-4/MW-4
Screen Depth: 5 - 15 feet bgs

241.11'

222.57'

SB-10/MW-10
Screen Depth: 5-20 feet bgs

SB-5/MW-5
Screen Depth: 5 - 15 feet bgs

Fence

179.00'

0' 50' 100'

Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE AWQS

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

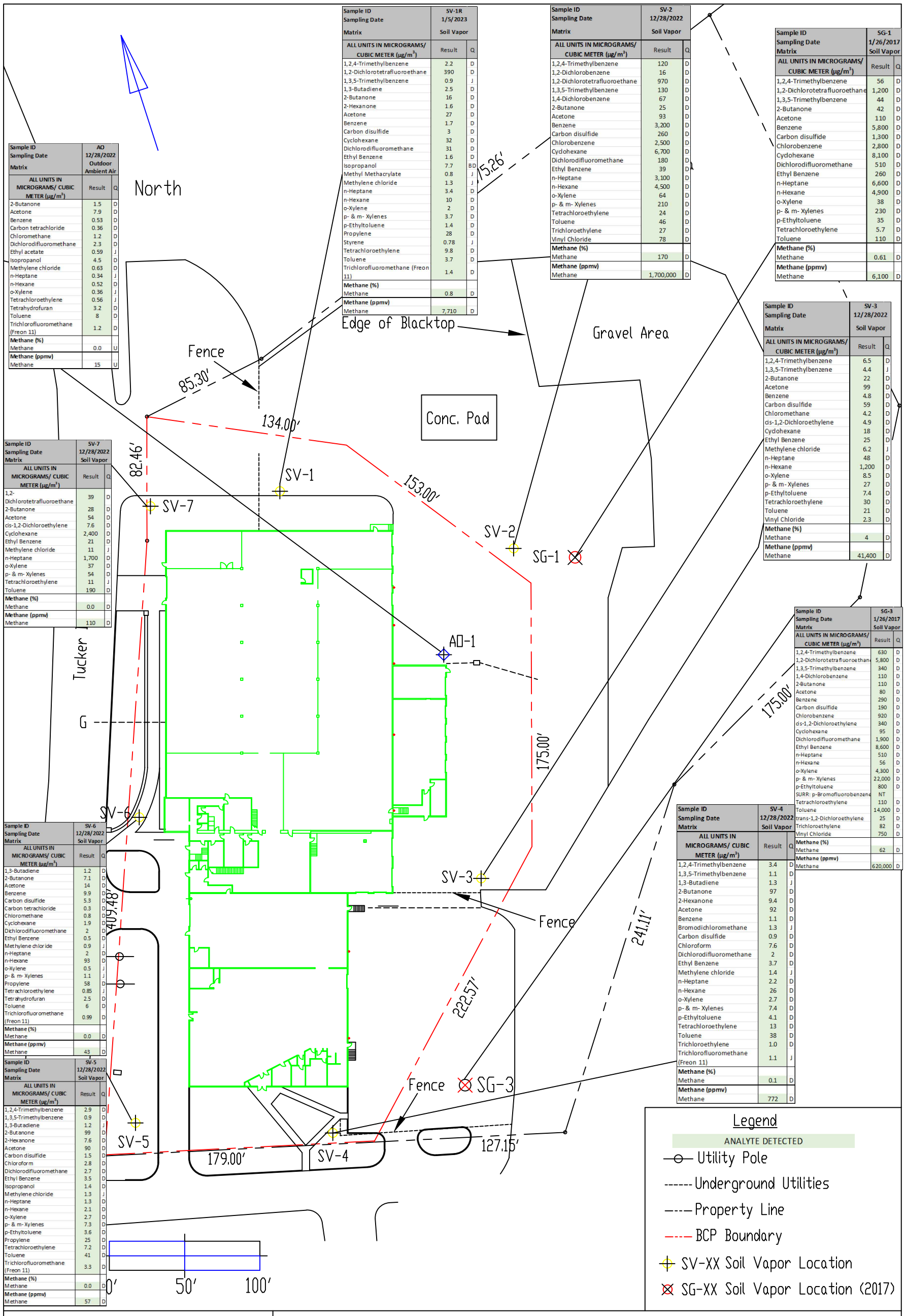
DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: PFAS in Groundwater Above Part 375 Guidance

Scale: Graphic 11"x17" | Drawn By: D.T. | BCP Site #: C314132 | Fig.#: 12



Sample ID	AO
Sampling Date	12/28/2022
Matrix	Outdoor Ambient Air
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
2-Butanone	1.5	D
Acetone	7.9	D
Benzene	0.53	D
Carbon tetrachloride	0.36	D
Chloromethane	1.2	D
Dichlorodifluoromethane	2.3	D
Ethyl acetate	0.59	J
Isopropanol	4.5	D
Methylene chloride	0.63	D
n-Heptane	0.34	J
n-Hexane	0.52	D
o-Xylene	0.36	J
Tetrachloroethylene	0.56	J
Tetrahydrofuran	3.2	D
Toluene	8	D
Trichlorofluoromethane (Freon 11)	1.2	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	15	U

Sample ID	SV-1R
Sampling Date	1/5/2023
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	2.2	D
1,2-Dichlorotetrafluoroethane	390	D
1,3,5-Trimethylbenzene	0.9	J
1,3-Butadiene	2.5	D
2-Butanone	16	D
2-Hexanone	1.6	D
Acetone	27	D
Benzene	1.7	D
Carbon disulfide	3	D
Cyclohexane	32	D
Dichlorodifluoromethane	31	D
Ethyl Benzene	1.6	D
Isopropanol	7.7	BD
Methyl Methacrylate	0.8	J
Methylene chloride	1.3	J
n-Heptane	3.4	D
n-Hexane	10	D
o-Xylene	2	D
p- & m- Xylenes	3.7	D
p-Ethyltoluene	1.4	D
Propylene	28	D
Styrene	0.78	J
Tetrachloroethylene	9.8	D
Toluene	3.7	D
Trichlorofluoromethane (Freon 11)	1.4	D
Methane (%)		
Methane	0.8	D
Methane (ppmv)		
Methane	7,710	D

Sample ID	SV-2
Sampling Date	12/28/2022
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	120	D
1,2-Dichlorobenzene	16	D
1,2-Dichlorotetrafluoroethane	970	D
1,3,5-Trimethylbenzene	130	D
1,4-Dichlorobenzene	67	D
2-Butanone	25	D
Acetone	93	D
Benzene	3,200	D
Carbon disulfide	260	D
Chlorobenzene	2,500	D
Cyclohexane	6,700	D
Dichlorodifluoromethane	180	D
Ethyl Benzene	39	D
n-Heptane	3,100	D
n-Hexane	4,500	D
o-Xylene	64	D
p- & m- Xylenes	210	D
Tetrachloroethylene	24	D
Toluene	46	D
Trichloroethylene	27	D
Vinyl Chloride	78	D
Methane (%)		
Methane	170	D
Methane (ppmv)		
Methane	1,700,000	D

Sample ID	SG-1
Sampling Date	1/26/2017
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	56	D
1,2-Dichlorotetrafluoroethane	1,200	D
1,3,5-Trimethylbenzene	44	D
2-Butanone	42	D
Acetone	110	D
Benzene	5,800	D
Carbon disulfide	1,300	D
Chlorobenzene	2,800	D
Cyclohexane	8,100	D
Dichlorodifluoromethane	510	D
Ethyl Benzene	260	D
n-Heptane	6,600	D
n-Hexane	4,900	D
o-Xylene	38	D
p- & m- Xylenes	230	D
p-Ethyltoluene	35	D
Tetrachloroethylene	5.7	D
Toluene	110	D
Methane (%)		
Methane	0.61	D
Methane (ppmv)		
Methane	6,100	D

Sample ID	SV-3
Sampling Date	12/28/2022
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	6.5	D
1,3,5-Trimethylbenzene	4.4	J
2-Butanone	22	D
Acetone	99	D
Benzene	4.8	D
Carbon disulfide	59	D
Chloromethane	4.2	D
cis-1,2-Dichloroethylene	4.9	D
Cyclohexane	18	D
Ethyl Benzene	25	D
Methylene chloride	6.2	J
n-Heptane	48	D
n-Hexane	1,200	D
o-Xylene	8.5	D
p- & m- Xylenes	27	D
p-Ethyltoluene	7.4	D
Tetrachloroethylene	30	D
Toluene	21	D
Vinyl Chloride	2.3	D
Methane (%)		
Methane	4	D
Methane (ppmv)		
Methane	41,400	D

Sample ID	SV-7
Sampling Date	12/28/2022
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2-Dichlorotetrafluoroethane	39	D
2-Butanone	28	D
Acetone	54	D
cis-1,2-Dichloroethylene	7.6	D
Cyclohexane	2,400	D
Ethyl Benzene	21	D
Methylene chloride	11	J
n-Heptane	1,700	D
o-Xylene	37	D
p- & m- Xylenes	54	D
Tetrachloroethylene	11	J
Toluene	190	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	110	D

Sample ID	SG-3
Sampling Date	1/26/2017
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	630	D
1,2-Dichlorotetrafluoroethane	5,800	D
1,3,5-Trimethylbenzene	340	D
1,4-Dichlorobenzene	110	D
2-Butanone	110	D
Acetone	80	D
Benzene	290	D
Carbon disulfide	190	D
Chlorobenzene	920	D
cis-1,2-Dichloroethylene	340	D
Cyclohexane	95	D
Dichlorodifluoromethane	1,900	D
Ethyl Benzene	8,600	D
n-Heptane	510	D
n-Hexane	56	D
o-Xylene	4,300	D
p- & m- Xylenes	22,000	D
p-Ethyltoluene	800	D
SURR: p-Bromofluorobenzene	NT	
Tetrachloroethylene	110	D
Toluene	14,000	D
trans-1,2-Dichloroethylene	25	D
Trichloroethylene	82	D
Vinyl Chloride	750	D
Methane (%)		
Methane	62	D
Methane (ppmv)		
Methane	620,000	D

Sample ID	SV-6
Sampling Date	12/28/2022
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,3-Butadiene	1.2	D
2-Butanone	7.1	D
Acetone	14	D
Benzene	9.9	D
Carbon disulfide	5.3	D
Carbon tetrachloride	0.3	D
Chloromethane	0.8	D
Cyclohexane	1.9	D
Dichlorodifluoromethane	2	D
Ethyl Benzene	0.5	D
Methylene chloride	0.9	J
n-Heptane	2	D
n-Hexane	93	D
o-Xylene	0.5	J
p- & m- Xylenes	1.1	J
Propylene	58	D
Tetrachloroethylene	0.85	J
Tetrahydrofuran	2.5	D
Toluene	6	D
Trichlorofluoromethane (Freon 11)	0.99	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	43	D

Sample ID	SV-4
Sampling Date	12/28/2022
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	3.4	D
1,3,5-Trimethylbenzene	1.1	D
1,3-Butadiene	1.3	J
2-Butanone	97	D
2-Hexanone	9.4	D
Acetone	92	D
Benzene	1.1	D
Bromodichloromethane	1.3	J
Carbon disulfide	0.9	D
Chloroform	7.6	D
Dichlorodifluoromethane	2	D
Ethyl Benzene	3.7	D
Methylene chloride	1.4	J
n-Heptane	2.2	D
n-Hexane	26	D
o-Xylene	2.7	D
p- & m- Xylenes	7.4	D
p-Ethyltoluene	4.1	D
Tetrachloroethylene	13	D
Toluene	38	D
Trichloroethylene	1.0	D
Trichlorofluoromethane (Freon 11)	1.1	J
Methane (%)		
Methane	0.1	D
Methane (ppmv)		
Methane	772	D

Sample ID	SV-5
Sampling Date	12/28/2022
Matrix	Soil Vapor
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	2.9	D
1,3,5-Trimethylbenzene	0.9	D
1,3-Butadiene	1.2	J
2-Butanone	99	D
2-Hexanone	7.6	D
Acetone	90	D
Carbon disulfide	1.5	D
Chloroform	2.8	D
Dichlorodifluoromethane	2.7	D
Ethyl Benzene	3.5	D
Isopropanol	1.4	D
Methylene chloride	1.3	J
n-Heptane	1.3	D
n-Hexane	2.1	D
o-Xylene	2.7	D
p- & m- Xylenes	7.3	D
p-Ethyltoluene	3.6	D
Propylene	25	D
Tetrachloroethylene	7.2	D
Toluene	41	D
Trichlorofluoromethane (Freon 11)	3.3	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	57	D

Legend

ANALYTE DETECTED

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SV-XX Soil Vapor Location
- SG-XX Soil Vapor Location (2017)

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: VOCs in Exterior Soil Gas

Scale: Graphic 11"x17"	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 13

Sample ID	SG-1
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	2.6	D
1,2-Dichlorotetrafluoroethane	27	D
1,3,5-Trimethylbenzene	0.87	J
2-Butanone	7.4	D
Acetone	67	D
Benzene	1.1	D
Dichlorodifluoromethane	6.5	D
Ethyl Benzene	2.4	D
Isopropanol	14	D
Methyl Methacrylate	3.3	D
Methylene chloride	1.2	J
n-Heptane	1.6	D
n-Hexane	0.81	D
o-Xylene	2.4	D
p- & m- Xylenes	6.6	D
p-Ethyltoluene	1.8	D
Propylene	0.91	D
Styrene	0.9	D
Tetrachloroethylene	4.8	D
Tetrahydrofuran	56	D
Toluene	120	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	20.0	D

Sample ID	SG-2
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	1.7	D
1,2-Dichlorotetrafluoroethane	1.9	D
1,3,5-Trimethylbenzene	0.67	J
2-Butanone	5.4	D
Acetone	39	D
Benzene	1	D
Carbon tetrachloride	0.34	D
Chloromethane	0.42	D
Dichlorodifluoromethane	3.1	D
Ethyl Benzene	1.5	D
Isopropanol	25	D
Methyl Methacrylate	1.7	D
Methylene chloride	0.95	J
n-Heptane	1.1	D
n-Hexane	0.96	D
o-Xylene	1.5	D
p- & m- Xylenes	4	D
p-Ethyltoluene	1.1	D
Propylene	0.54	D
Styrene	0.81	D
Tetrachloroethylene	12	D
Tetrahydrofuran	16	D
Toluene	54	D
Trichloroethylene	0.29	D
Trichlorofluoromethane (Freon 11)	1.5	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	13.6	U

Sample ID	SG-4
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,1,2,2-Tetrachloroethane	1.6	D
1,2,4-Trimethylbenzene	2.4	D
1,2-Dichlorotetrafluoroethane	110	D
1,3,5-Trimethylbenzene	0.87	J
2-Butanone	18	D
2-Hexanone	1.5	J
Acetone	140	D
Benzene	1.9	D
Chloromethane	0.48	D
Dichlorodifluoromethane	5.4	D
Ethyl Benzene	2.5	D
Isopropanol	22	D
Methyl Methacrylate	6.6	D
Methylene chloride	1.2	J
n-Heptane	3.6	D
n-Hexane	1.7	D
o-Xylene	2.9	D
p- & m- Xylenes	6.5	D
p-Ethyltoluene	1.7	D
Propylene	1.8	D
Styrene	1.3	D
Tetrachloroethylene	3.2	D
Tetrahydrofuran	72	D
Toluene	150	D
Trichloroethylene	0.38	D
Trichlorofluoromethane (Freon 11)	1.5	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	17.7	U

Sample ID	SG-5
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,1,2,2-Tetrachloroethane	2.3	D
1,2,4-Trimethylbenzene	2.5	D
1,2-Dichlorotetrafluoroethane	14	D
1,3,5-Trimethylbenzene	1.6	J
2-Butanone	28	D
2-Hexanone	2.7	J
Acetone	120	D
Benzene	1.1	D
Chloroform	4.1	D
Dichlorodifluoromethane	6.1	D
Ethyl Benzene	2.6	D
Isopropanol	26	D
Methyl Methacrylate	3	D
Methylene chloride	2.3	J
n-Heptane	3.8	D
n-Hexane	1.2	D
o-Xylene	4.1	D
p- & m- Xylenes	8	D
p-Ethyltoluene	2	D
Propylene	0.58	D
Styrene	1.4	J
Tetrachloroethylene	22	D
Tetrahydrofuran	220	D
Toluene	96	D
Trichloroethylene	1.4	D
Trichlorofluoromethane (Freon 11)	2.6	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	16.7	U

Sample ID	Soil Gas SG-2
Sampling Date	1/26/2017
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	12	D
1,2-Dichlorotetrafluoroethane	910	D
2-Butanone	6.9	D
Acetone	73	D
Benzene	14	D
Carbon disulfide	5.2	D
Chlorobenzene	18	D
cis-1,2-Dichloroethylene	32	D
Cyclohexane	150	D
Dichlorodifluoromethane	110	D
Methyl tert-butyl ether (MTBE)	21	D
n-Heptane	11	D
n-Hexane	16	D
o-Xylene	8	D
p- & m- Xylenes	15	D
p-Ethyltoluene	9.9	D
Tetrachloroethylene	41	D
Toluene	12	D
Trichloroethylene	31	D
Vinyl Chloride	12	D
Methane (%)		
Methane	25	D
Methane (ppmv)		
Methane	250,000	D

Sample ID	SG-11
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2-Dichlorotetrafluoroethane	1,900	D
2-Butanone	14	D
Acetone	310	D
Benzene	89	D
Chlorobenzene	210	D
cis-1,2-Dichloroethylene	11	D
Cyclohexane	700	D
Dichlorodifluoromethane	350	D
Isopropanol	59	D
Methyl Methacrylate	120	D
Methylene chloride	12	J
n-Heptane	230	D
n-Hexane	300	D
o-Xylene	7,800	J
Tetrachloroethylene	12	J
Toluene	15	D
Vinyl Chloride	16	D
Methane (%)		
Methane	10,700	D
Methane (ppmv)		
Methane	107,000,000	D

Sample ID	SG-3
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	2.3	D
1,2-Dichlorotetrafluoroethane	7.1	D
1,3,5-Trimethylbenzene	0.82	J
2-Butanone	8.4	D
2-Hexanone	1.4	J
Acetone	45	D
Benzene	1.2	D
Dichlorodifluoromethane	3.3	D
Ethyl Benzene	2.1	D
Isopropanol	22	D
Methyl Methacrylate	2.3	D
Methylene chloride	1.2	J
n-Heptane	1.5	D
n-Hexane	0.94	D
o-Xylene	2.2	D
p- & m- Xylenes	5.9	D
p-Ethyltoluene	1.6	D
Propylene	0.37	D
Styrene	1.1	D
Tetrachloroethylene	4.2	D
Tetrahydrofuran	26	D
Toluene	79	D
Trichloroethylene	0.36	D
Trichlorofluoromethane (Freon 11)	1.5	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	16.7	U

mo	SG-6
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,1,2,2-Tetrachloroethane	2.5	D
1,2,4-Trimethylbenzene	3.2	D
1,2-Dichlorotetrafluoroethane	410	D
2-Butanone	15	D
2-Hexanone	2.9	J
Acetone	220	D
Benzene	1.7	D
Chloroform	12	D
Chloromethane	0.74	J
Cyclohexane	27	D
Dichlorodifluoromethane	43	D
Ethyl Benzene	3.1	D
Isopropanol	37	D
Methyl Methacrylate	5.1	D
Methylene chloride	2.5	J
n-Heptane	2.3	D
n-Hexane	1.6	D
o-Xylene	3.9	D
p- & m- Xylenes	8.7	D
p-Ethyltoluene	2.1	D
Styrene	1.5	D
Tetrachloroethylene	14	D
Tetrahydrofuran	75	D
Toluene	91	D
Trichloroethylene	1.2	D
Methane (%)		
Methane	0.8	D
Methane (ppmv)		
Methane	7,960.0	D

Sample ID	SG-7
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,1,2,2-Tetrachloroethane	3.1	D
1,2,4-Trimethylbenzene	3.7	D
1,2-Dichlorotetrafluoroethane	17	D
1,3,5-Trimethylbenzene	1	D
2-Butanone	12	D
Acetone	120	D
Benzene	1.9	D
Dichlorodifluoromethane	12	D
Ethyl Benzene	3.4	D
Isopropanol	27	D
Methyl Methacrylate	3.8	D
Methylene chloride	1.4	J
n-Heptane	2.8	D
n-Hexane	1.1	D
o-Xylene	4.4	D
p- & m- Xylenes	9.7	D
p-Ethyltoluene	2.4	D
Propylene	0.7	D
Styrene	1.6	D
Tetrachloroethylene	54	D
Tetrahydrofuran	86	D
Toluene	120	D
Trichloroethylene	0.55	D
Trichlorofluoromethane (Freon 11)	1.6	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	32.1	D

Sample ID	SG-8
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trichlorobenzene	30	D
1,2-Dichlorotetrafluoroethane	210	D
2-Butanone	27	D
Acetone	2,000	D
Cyclohexane	17	D
Dichlorodifluoromethane	20	D
Isopropanol	48	D
Methyl Methacrylate	7.6	J
Methylene chloride	13	J
n-Heptane	7.6	J
o-Xylene	8	J
Propylene	5.7	D
Tetrachloroethylene	24	D
Tetrahydrofuran	75	D
Toluene	29	D
Trichloroethylene	11	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	29.4	D

Sample ID	SG-9
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2-Dichlorotetrafluoroethane	120	D
2-Butanone	80	D
Acetone	1,500	D
Dichlorodifluoromethane	32	D
Isopropanol	37	D
Methylene chloride	12	J
n-Heptane	23	D
n-Hexane	19	D
o-Xylene	7.7	J
Propylene	6.4	D
Tetrachloroethylene	24	D
Tetrahydrofuran	2,400	D
Toluene	32	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	17.7	U

Sample ID	SG-10
Sampling Date	12/28/2022
Matrix	SSSV
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	4.1	J
1,2-Dichlorotetrafluoroethane	21	D
2-Butanone	210	D
Acetone	620	D
Carbon disulfide	3.4	D
Dichlorodifluoromethane	17	D
Ethyl Benzene	3.6	J
Isopropanol	31	D
Methyl Methacrylate	3.4	J
Methylene chloride	5.7	J
n-Heptane	69	D
o-Xylene	4	D
p- & m- Xylenes	7.9	D
Propylene	11	D
Tetrachloroethylene	5.6	J
Tetrahydrofuran	850	D
Toluene	36	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	20.7	U

North

375.26'

Wooded

Edge of Blacktop

Gravel Ar

Fence

85.30'

134.00'

82.46'

153.00'

Conc. Pad

SG-1/ IA-1

SG-2/ IA-2

Fenced Partition

SG-3/ IA-3

IA-1

AO-1

SG-4/ IA-4

IA-2

SSD-4

SG-2

SG-11/ IA-11

IA-3

175.00'

SSD-5

SG-6/ IA-6

SG-5/ IA-5

Floor Drain

IA-4

SG-8/ IA-8

SG-7/ IA-7

409.48'

SG-9/ IA-9

IA-8

IA-7

SG-10/ IA-10

IA-6

IA-5

Fence

222.57'

241.11'

175.00'

179.00'

127.15'

0' 50' 100'

Legend

ANALYTE DETECTED

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SG-XX Permanent Soil Gas Point w/ Co-Located Indoor Air Sample
- IA/AO-XX Ambient Air Location (IA=Indoor Ambient/AO=Ambient Outdoor 2017)

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: VOCs in Sub-Slab Soil Gas

Scale: Graphic 11"x17"	Drawn By: O.T.	BCP Site #: C314132	Fig.#: 14

Sample ID	IA-1
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	1.4	D
1,3,5-Trimethylbenzene	0.48	J
2-Butanone	55	D
Acetone	140	D
Carbon disulfide	0.55	D
Carbon tetrachloride	0.31	D
Chloromethane	0.93	D
Cyclohexane	0.5	D
Dichlorodifluoromethane	2.1	D
Ethyl acetate	3	D
Ethyl Benzene	2.2	D
Isopropanol	1.7	D
Methylene chloride	0.68	J
n-Heptane	7.8	D
n-Hexane	2.2	D
o-Xylene	1.6	D
p- & m- Xylenes	4.7	D
p-Ethyltoluene	1.2	D
Styrene	0.96	D
Tetrachloroethylene	0.66	J
Tetrahydrofuran	220	D
Toluene	460	D
Trichlorofluoromethane (Freon 11)	1	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	20.8	D

Sample ID	IA-2
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	1.2	D
1,3,5-Trimethylbenzene	0.5	J
2-Butanone	65	D
Acetone	170	D
Acrylonitrile	0.22	J
Carbon disulfide	0.66	D
Carbon tetrachloride	0.32	D
Chloromethane	0.98	D
Cyclohexane	0.52	D
Dichlorodifluoromethane	2.3	D
Ethyl acetate	3	D
Ethyl Benzene	2.1	D
Isopropanol	1.7	D
Methylene chloride	0.7	J
n-Heptane	8.8	D
n-Hexane	2	D
o-Xylene	1.5	D
p- & m- Xylenes	4.3	D
p-Ethyltoluene	1.1	D
Styrene	0.9	D
Tetrachloroethylene	0.69	J
Tetrahydrofuran	260	D
Toluene	480	D
Trichlorofluoromethane (Freon 11)	1	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	19.0	U

Sample ID	IA-4
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	1.2	D
1,3,5-Trimethylbenzene	0.45	J
2-Butanone	45	D
Acetone	110	D
Carbon disulfide	0.43	D
Carbon tetrachloride	0.34	D
Chloromethane	1.2	D
Cyclohexane	0.47	D
Dichlorodifluoromethane	2.1	D
Ethyl acetate	3.2	D
Ethyl Benzene	1.9	D
Isopropanol	2.7	D
Methylene chloride	0.63	J
n-Heptane	5.9	D
n-Hexane	1.9	D
o-Xylene	1.3	D
p- & m- Xylenes	3.8	D
p-Ethyltoluene	0.99	D
Styrene	0.82	D
Tetrachloroethylene	0.99	D
Tetrahydrofuran	170	D
Toluene	490	D
Trichlorofluoromethane (Freon 11)	1.1	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	18.0	D

Sample ID	IA-5
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	0.88	D
2-Butanone	42	D
Acetone	130	D
Carbon disulfide	0.47	D
Carbon tetrachloride	0.34	D
Chloromethane	0.94	D
Cyclohexane	0.43	D
Dichlorodifluoromethane	2.2	D
Ethyl acetate	2.7	D
Ethyl Benzene	1.8	D
Isopropanol	1.8	D
Methylene chloride	0.62	J
n-Heptane	5.3	D
n-Hexane	1.7	D
o-Xylene	1.2	D
p- & m- Xylenes	3.4	D
p-Ethyltoluene	0.83	D
Styrene	0.65	D
Tetrachloroethylene	0.6	J
Tetrahydrofuran	180	D
Toluene	570	D
Trichlorofluoromethane (Freon 11)	0.95	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	17.7	D

Sample ID	IA-11
Sampling Date	1/5/202
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trichlorobenzene	1	D
1,2,4-Trimethylbenzene	0.78	D
1,2-Dichlorotetrafluoroethane	0.890	D
1,3,5-Trimethylbenzene	0.52	J
2-Butanone	3.8	D
Acetone	30	D
Benzene	0.91	D
Carbon tetrachloride	0.4	D
Chloromethane	1.2	D
Dichlorodifluoromethane	2.7	D
Ethyl Benzene	0.46	J
Isopropanol	4.4	D
Methyl Methacrylate	0.65	D
Methylene chloride	0.99	D
n-Heptane	0.61	D
n-Hexane	0.52	D
o-Xylene	0.6	D
p- & m- Xylenes	1.4	D
p-Ethyltoluene	0.57	D
Styrene	0.45	J
Tetrachloroethylene	0.72	J
Tetrahydrofuran	8.8	D
Toluene	13	D
Trichloroethylene	0.23	D
Trichlorofluoromethane (Freon 11)	1.6	D
Methane (%)		
Methane	0.6	D
Methane (ppmv)		
Methane	6,110.0	D

Sample ID	IA-8
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	2	D
1,3,5-Trimethylbenzene	0.5	D
2-Butanone	54	D
Acetone	130	D
Benzene	3.4	D
Carbon disulfide	0.38	D
Carbon tetrachloride	0.35	D
Chloromethane	1.2	D
Cyclohexane	1.2	D
Dichlorodifluoromethane	2.7	D
Ethyl Benzene	3	D
Isopropanol	2.4	D
Methylene chloride	0.77	D
n-Heptane	8.5	D
n-Hexane	4	D
o-Xylene	2.5	D
p- & m- Xylenes	7.9	D
p-Ethyltoluene	1.8	D
Tetrachloroethylene	0.63	J
Tetrahydrofuran	190	D
Toluene	31	D
trans-1,2-Dichloroethylene	0.92	D
Trichloroethylene	0.55	D
Trichlorofluoromethane (Freon 11)	1.1	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	17.4	U

Sample ID	IA-3
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	1.5	D
1,3,5-Trimethylbenzene	0.46	J
2-Butanone	39	D
Acetone	100	D
Acrylonitrile	0.2	J
Carbon disulfide	0.41	D
Carbon tetrachloride	0.29	D
Chloromethane	1.1	D
Cyclohexane	0.61	D
Dichlorodifluoromethane	2.2	D
Ethyl acetate	2.9	D
Ethyl Benzene	2.5	D
Isopropanol	4	D
Methylene chloride	0.65	J
n-Heptane	5.4	D
n-Hexane	2.7	D
o-Xylene	1.9	D
p- & m- Xylenes	5.4	D
p-Ethyltoluene	1.4	D
Styrene	0.99	D
Tetrachloroethylene	0.63	J
Tetrahydrofuran	150	D
Toluene	450	D
Trichlorofluoromethane (Freon 11)	1	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	27.5	D

Sample ID	IA-6
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	1.1	D
1,3,5-Trimethylbenzene	0.54	J
2-Butanone	42	D
Acetone	120	D
Benzene	1.5	D
Carbon disulfide	0.41	D
Carbon tetrachloride	0.35	D
Chloromethane	1	D
Cyclohexane	0.61	D
Dichlorodifluoromethane	2.2	D
Ethyl acetate	2.8	D
Ethyl Benzene	2	D
Isopropanol	3.1	D
Methylene chloride	0.77	J
n-Heptane	5.9	D
n-Hexane	2	D
o-Xylene	1.3	D
p- & m- Xylenes	3.8	D
p-Ethyltoluene	1	D
Styrene	0.76	D
Tetrachloroethylene	0.75	J
Tetrahydrofuran	170	D
Toluene	440	D
Trichlorofluoromethane (Freon 11)	1.1	D
Methane (%)		
Methane	0.0	D
Methane (ppmv)		
Methane	42.1	D

Sample ID	IA-7
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
1,2,4-Trimethylbenzene	1.2	D
1,3,5-Trimethylbenzene	0.5	J
2-Butanone	78	D
Acetone	190	D
Benzene	1.7	D
Carbon disulfide	0.76	D
Carbon tetrachloride	0.32	D
Chloromethane	1.1	D
Cyclohexane	0.63	D
Dichlorodifluoromethane	2.3	D
Ethyl acetate	3	D
Ethyl Benzene	2.1	D
Isopropanol	3.3	D
Methylene chloride	0.71	J
n-Heptane	11	D
n-Hexane	2	D
o-Xylene	1.5	D
p- & m- Xylenes	4.3	D
p-Ethyltoluene	1.1	D
Styrene	0.74	D
Tetrachloroethylene	0.69	J
Tetrahydrofuran	300	D
Toluene	500	D
Trichloroethylene	0.16	D
Trichlorofluoromethane (Freon 11)	1.1	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	19.2	U

Sample ID	IA-9
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
2-Butanone	1,800	D
Acetone	4,700	D
Carbon disulfide	8.1	D
Chloromethane	0.94	D
Dichlorodifluoromethane	2.4	D
Ethyl acetate	6.3	D
Ethyl Benzene	2.6	D
Isopropanol	2.9	D
Methylene chloride	2.6	J
n-Heptane	280	D
n-Hexane	1.3	J
o-Xylene	1.6	J
p- & m- Xylenes	3.3	J
Tetrachloroethylene	2.6	J
Tetrahydrofuran	5,200	D
Toluene	28	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	50.3	U

Sample ID	IA-10
Sampling Date	12/28/2022
Client Matrix	Indoor Air
UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q
2-Butanone	2,900	D
Acetone	4,600	D
n-Heptane	330	D
Tetrahydrofuran	7,500	D
Toluene	20	D
Methane (%)		
Methane	0.0	U
Methane (ppmv)		
Methane	18.0	U

North

Wooded Area

Edge of Blacktop

Gravel Area

Fence

85.30'

134.00'

82.46'

193.00'

288.41'

Conc. Pad

SG-1/ IA-1

SG-2/ IA-2

Fenced Partition

Tucker Drive

SG-3/ IA-3

IA-1

AO-1

SG-4/ IA-4

IA-2

SSD-4

SG-2

SG-11/ IA-11

IA-3

175.00'

SSD-5

SG-6/ IA-6

SG-5/ IA-5

Floor Drain

IA-4

SG-8/ IA-8

409.48'

SG-7/ IA-7

SG-9/ IA-9

IA-8

IA-7

222.57'

SG-10/ IA-10

IA-6

IA-5

Fence

179.00'

127.15'

0' 50' 100'

Legend

ANALYTE DETECTED

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SG-XX Permanent Soil Gas Point w/ Co-Located Indoor Air Sample
- IA/AO-XX Ambient Air Location (IA=Indoor Ambient/AO=Ambient Outdoor 2017)

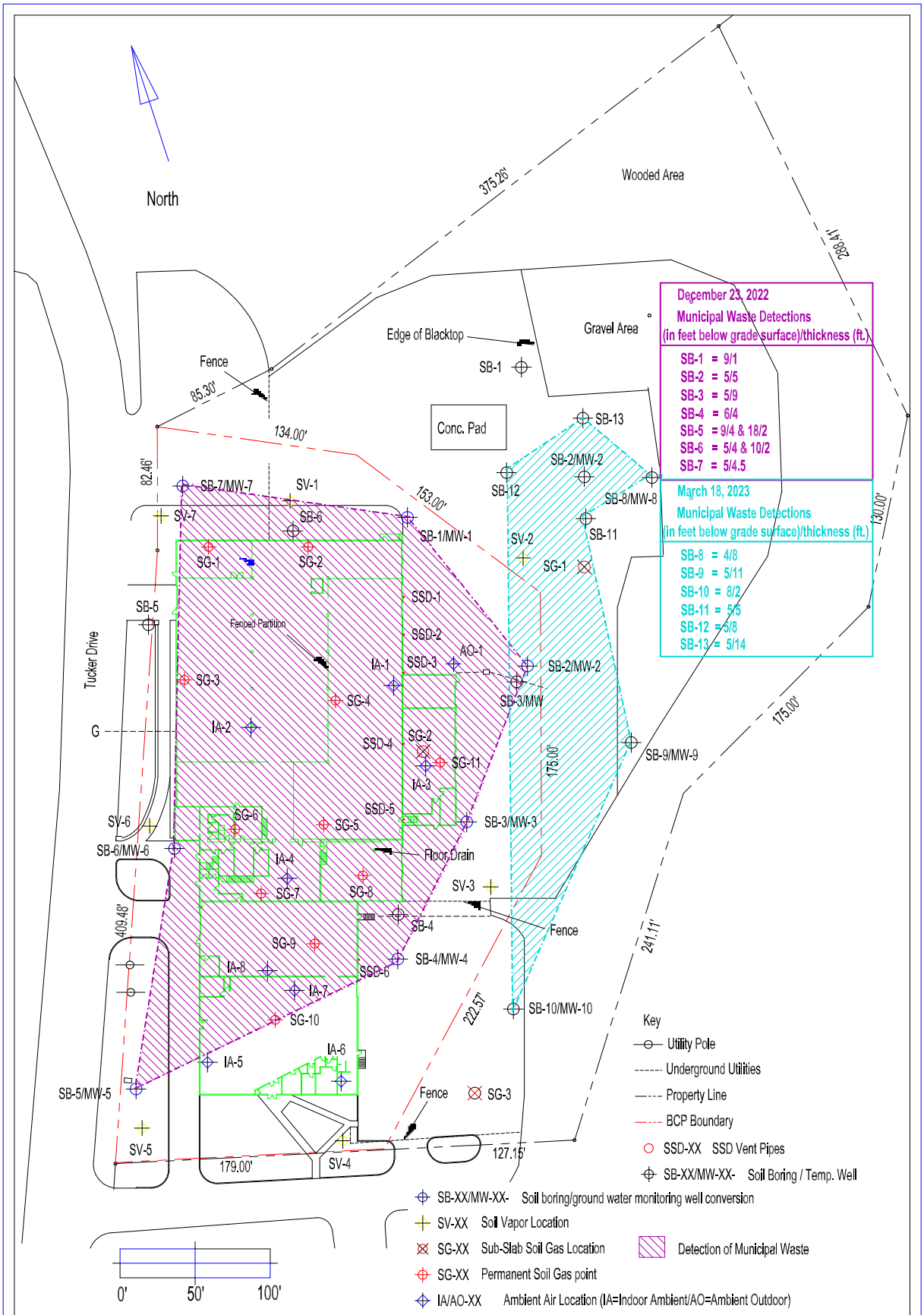
DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

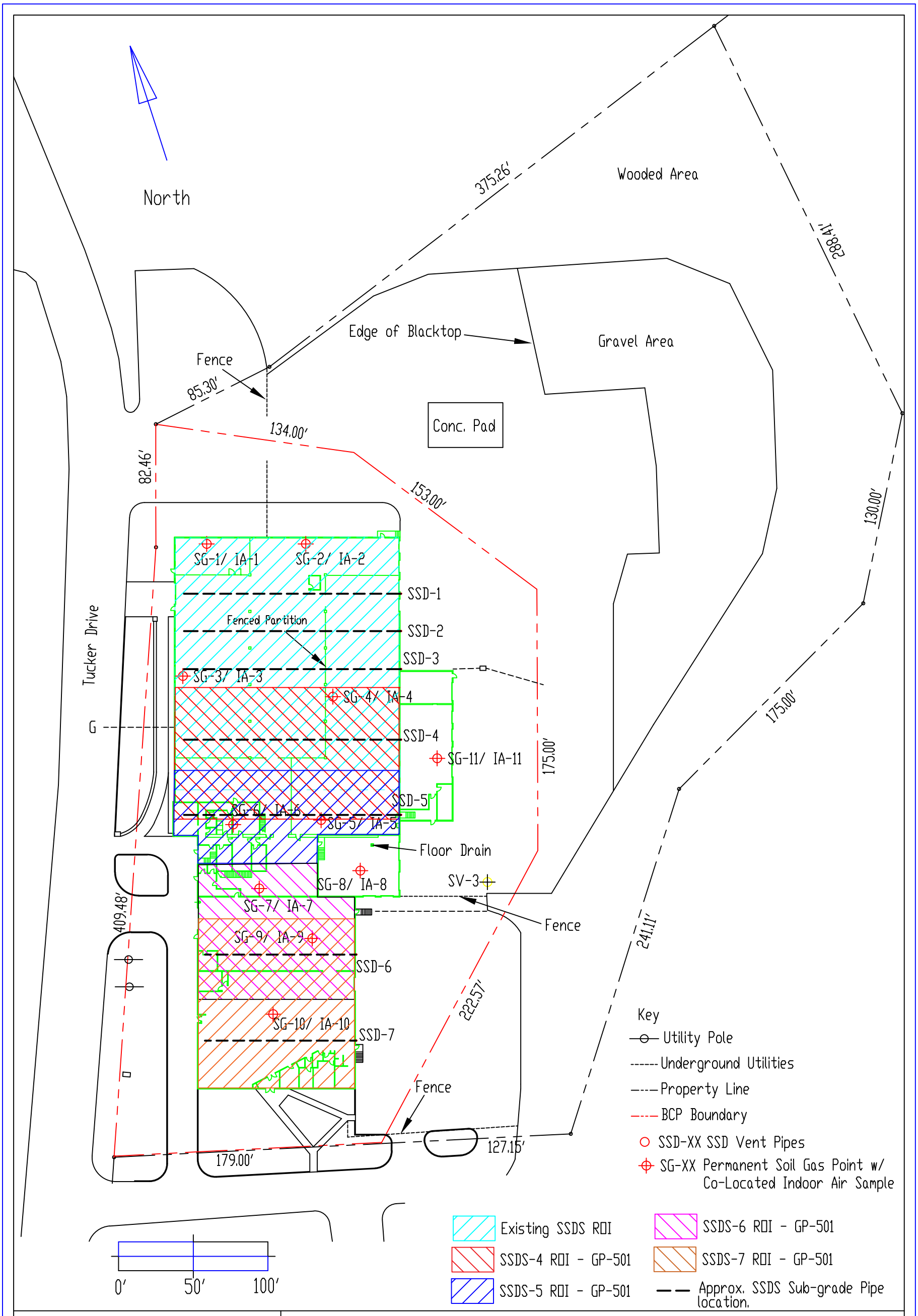
Title: VOCs in Indoor Air

Scale: Graphic 11"x17" | Drawn By: O.T. | BCP Site #: C314132 | Fig.#: 15



DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client:	Willow Brook Rentals LLC			
Location:	10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
Title:	Municipal Landfill Debris Detections - Remeidial Investigation. December 2022 & March 2023			
Scale: Graphic		Drawn By: O.T.	BCP Site No: C314132	Fig.#: 16



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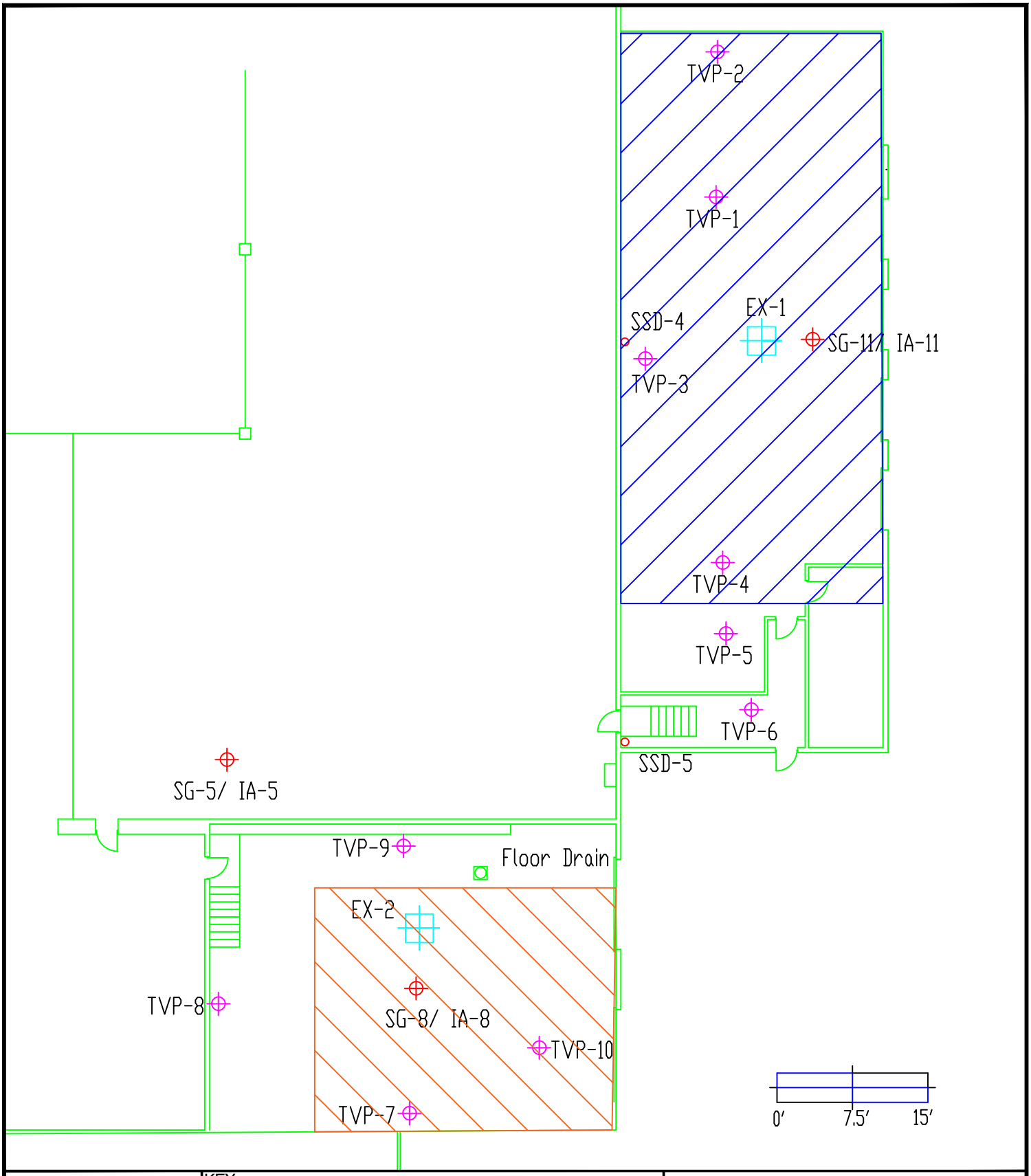
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: Radius of Influence Map - Phase I - Existing SSDS

Scale: Graphic	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 17



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&
Bellucci Engineering, PLLC

NOT TO SCALE

KEY

- SSD-XX SSD Vent Pipes
- EX-XX Pilot Test SSDS Extraction Well
- SG-XX Permanent Soil Gas Point
- TVP-XX Temporary Vacuum Monitoring Point
- EX-1 ROI
- EX-2 ROI

SSDS Radius of Influence Map - Phase II

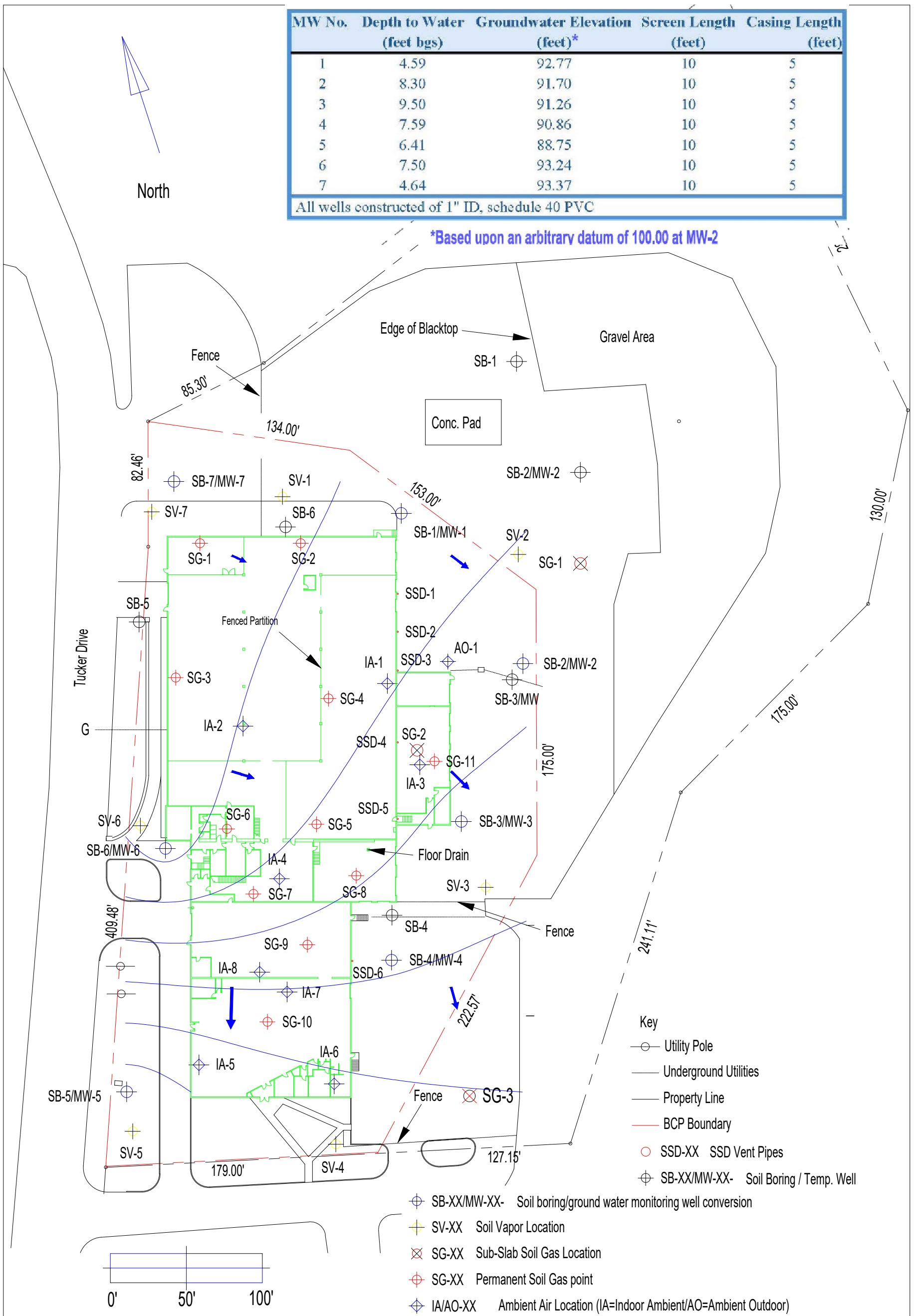
Willow Brook Rentals LLC
10-14 Tucker Drive, Poughkeepsie NY

PE/PG	BCP Site #:	Figure
DB	C314132	18
Project Manager	Drafter	Date
	DB	

MW No.	Depth to Water (feet bgs)	Groundwater Elevation (feet)*	Screen Length (feet)	Casing Length (feet)
1	4.59	92.77	10	5
2	8.30	91.70	10	5
3	9.50	91.26	10	5
4	7.59	90.86	10	5
5	6.41	88.75	10	5
6	7.50	93.24	10	5
7	4.64	93.37	10	5

All wells constructed of 1" ID, schedule 40 PVC

*Based upon an arbitrary datum of 100.00 at MW-2



DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC			
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
Title: Groundwater Contour Map for January 5, 2023			
Scale: Graphic	Drawn By: O.T.	BCP Site No: C314132	Fig.#: 19

North

375.26'

Wooded Area

288.41'

Edge of Blacktop

Gravel Area

Fence

85.30'

134.00'

Conc. Pad

82.46'

153.00'

130.00'

Tucker Drive

SSD-1

Fenced Partition

SSD-2

SSD-3

SSD-4

EX-1

175.00'

SSD-5

Floor Drain

EX-2

Fence

409.48'

SSD-6

175.00'

241.11'

222.57'

SSD-7

Fence

179.00'

127.15'

Key

Utility Pole

SSDS Pilot Test Extraction Well

Underground Utilities

Property Line

BCP Boundary

SSD-XX SSD Vent Pipes

Approx. SSDS Sub-grade Pipe location. 4" PVC in gas permeable stone layer.

0' 50' 100'

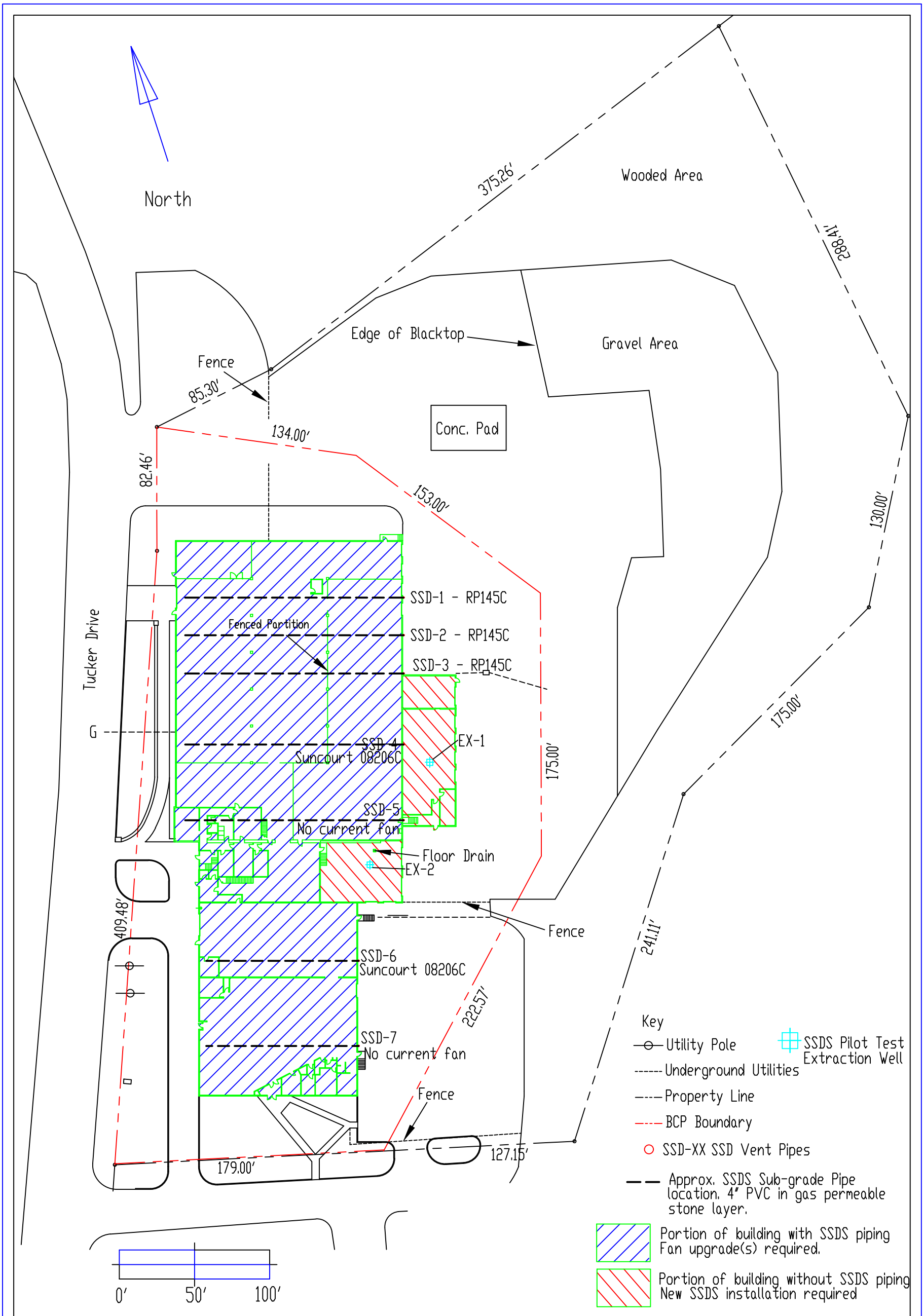
DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: Current Mitigation Piping Layout

Scale: Graphic	Drawn By: D.T.	BCP Site#: C314132	Fig.#: 20



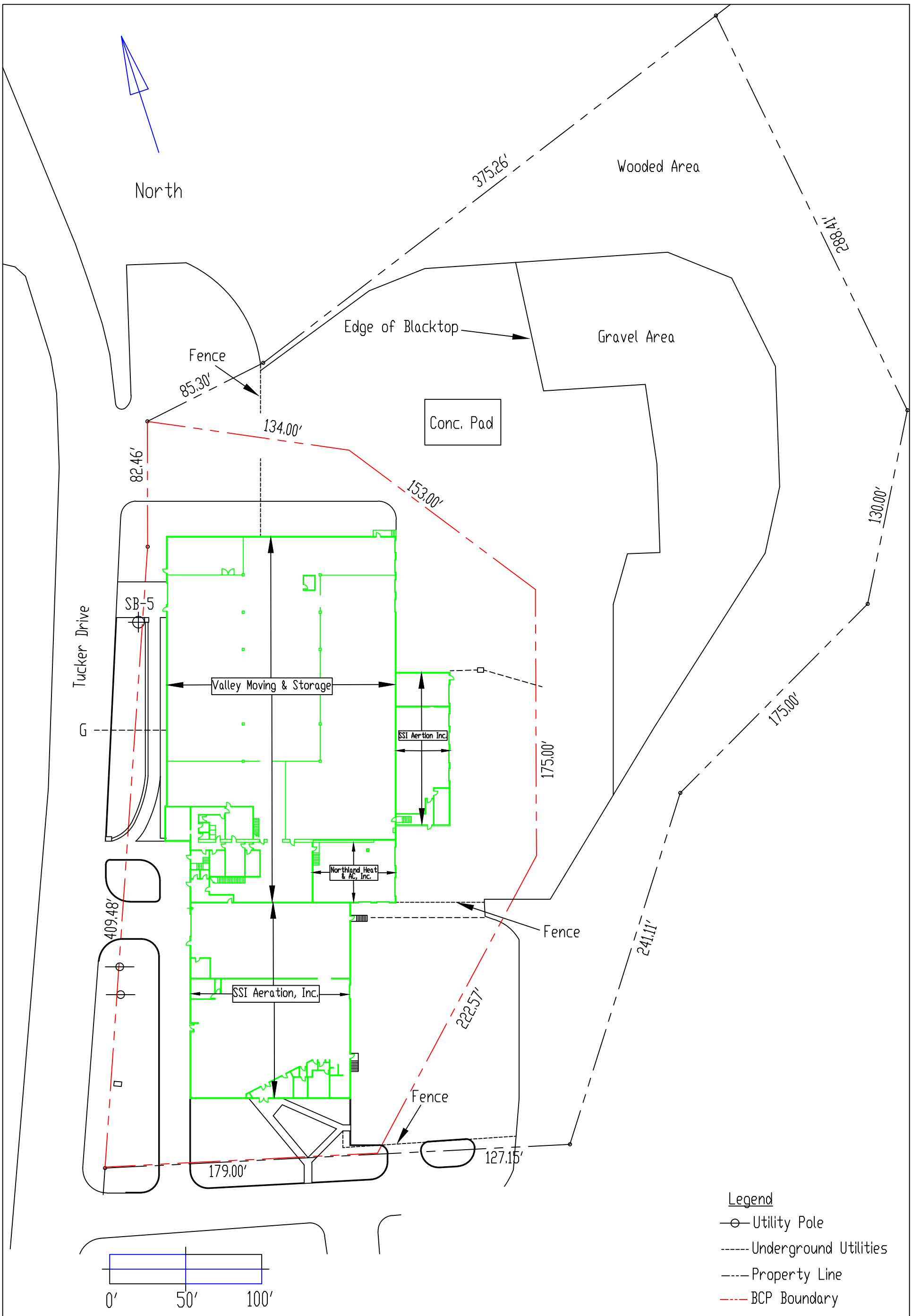
DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: Portions of Building with and Without Sub-slab Depressurization

Scale: Graphic	Drawn By: D.T.	BCP Site#: C314132	Fig.#: 21



DT Consulting Services 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	Client: Willow Brook Rentals LLC			
	Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
	Title: Tenant Space Layout			
	Scale: Graphic 11"x17"	Drawn By: D.T.	Spill No: C314132	Fig.#: 22

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Ulster Park, NY 12487

0 50 100
APPROXIMATE SCALE IN FEET

LEGEND

Parcel Boundary

BCP Site Boundary

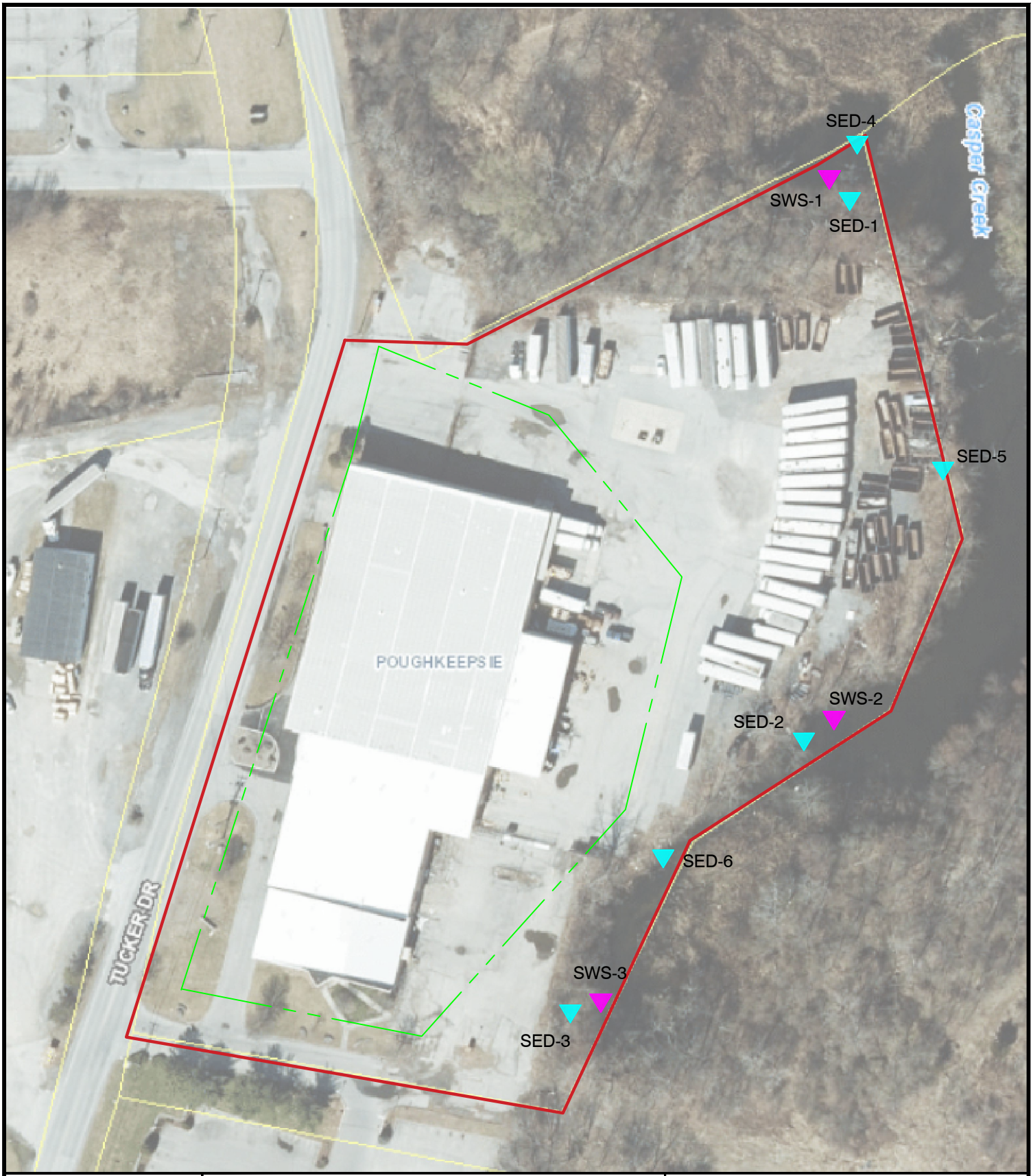
Figure Title:

Aerial Overlay

Location:
10-14 Tucker Drive
Poughkeepsie, NY 12603

PE:	Site #:	Figure:
DB	C314132	23

Project Manager:	Drafter:	Date:
DT	DB	6/28/2024



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1291 Old Post Road
Ulster Park, NY 12487

0 50 100
APPROXIMATE SCALE IN FEET

LEGEND

- Parcel Boundary
- BCP Site Boundary
- Sediment Sample Location
- Surface Water Sample Location

Figure Title: Wetland Sediment and Surface Water Sampling Location Map

Location: 10-14 Tucker Drive
Poughkeepsie, NY 12603

PE:	Site #:	Figure:
DB	C314132	24

Project Manager:	Drafter:	Date:
DT	DB	6/28/2024

Sample ID Sampling Date Client Matrix All Units in Milligrams per Kilogram (mg/Kg)	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife
Arsenic	<10	10-33	~	~	~	~
Copper	< 32	32 - 150	> 150	~	~	~
Lead	< 36	36 - 130	> 130	~	~	~
Nickel	< 23	23 - 49	> 49	~	~	~
Zinc	< 120	120 - 460	> 460	~	~	~
Benzo(a)pyrene	~	~	~	19.28	0.0044 - 0.018	~

ANALYTE DETECTED and/or below Table 5 - Freshwater Sediment Guidance Values - Class A (if applicable)

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class B

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class C

ANALYTE DETECTED ABOVE Table 7 - PAH Sediment Guidance Values

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife

Sample ID Sampling Date Client Matrix	Sed-4 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)	Result	Q
Arsenic	13.500	
Copper	32.500	
Lead	47.100	
Nickel	34.100	
Zinc	148	
SVOCs		
Benzo(a)pyrene	0.146	JD

Sample ID Sampling Date Client Matrix	Sed-1 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)	Result	Q
Arsenic	8.360	
Copper	25.400	
Lead	37	
Nickel	27.300	
Zinc	110	

Sample ID Sampling Date Client Matrix	Sed-5 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)	Result	Q
Arsenic	2.310	
Copper	12.600	
Lead	10.800	
Nickel	10.400	
Zinc	36.800	

Sample ID Sampling Date Client Matrix	Sed-2 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)	Result	Q
Arsenic	6.670	
Copper	32	
Lead	24.800	
Nickel	20.100	
Zinc	96.200	

Sample ID Sampling Date Client Matrix	Sed-6 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)	Result	Q
Arsenic	3.010	
Copper	39.400	
Lead	23.800	
Nickel	12.800	
Zinc	124	
SVOCs		
Benzo(a)pyrene	1.050	D

Sample ID Sampling Date Client Matrix	Sed-3 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)	Result	Q
Arsenic	9.780	
Copper	41.700	
Lead	52.600	
Nickel	26	
Zinc	149	
SVOCs		
Benzo(a)pyrene	0.136	JD

SED-4

SED-1

SED-5

SED-2

SED-6

SED-3

Casper Creek

POUGHKEEPSIE

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, NY 12487

0 50 100
APPROXIMATE SCALE IN FEET

LEGEND

Parcel Boundary

BCP Site Boundary

Sediment Sample Location

Figure Title:
Wetland Sediment SVOC and TAL Metals Exceedances

Location:
10-14 Tucker Drive
Poughkeepsie, NY 12603

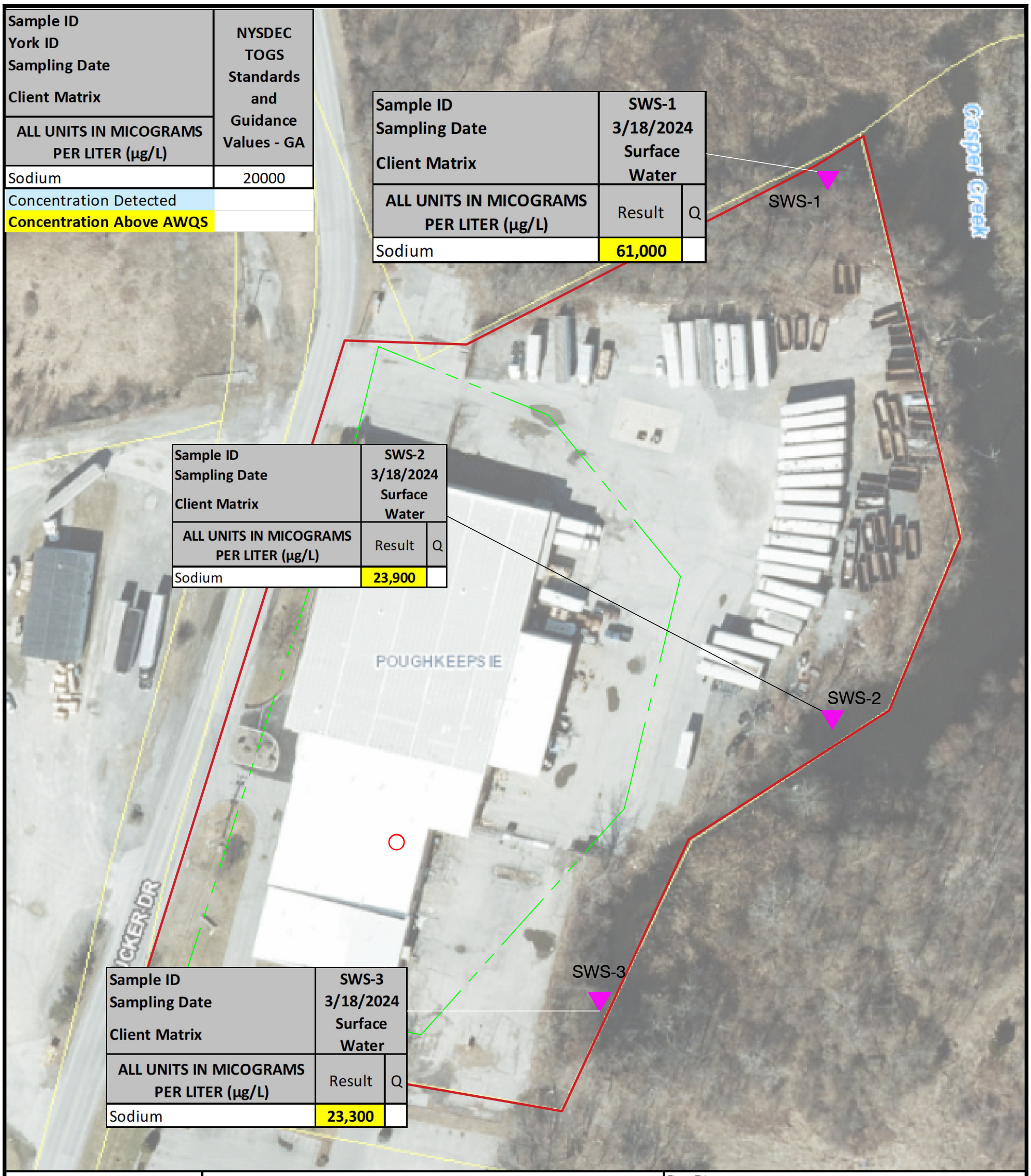
PE:	Site #:	Figure:
DB	C314132	25
Project Manager: DT	Drafter: DB	Date: 6/28/2024

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	
Sodium	20000
Concentration Detected	
Concentration Above AWQS	

Sample ID Sampling Date Client Matrix	SWS-1 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Sodium	**61,000**	

Sample ID Sampling Date Client Matrix	SWS-2 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Sodium	**23,900**	

Sample ID Sampling Date Client Matrix	SWS-3 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Sodium	**23,300**	



DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, NY 12487

0 50 100
APPROXIMATE SCALE IN FEET

LEGEND

Parcel Boundary

BCP Site Boundary

Surface Water Sample Location

Figure Title:
Surface Water
TAL Metals Exceedances

Location:
10-14 Tucker Drive
Poughkeepsie, NY 12603

PE:	Site #:	Figure:
DB	C314132	26

Project Manager:	Drafter:	Date:
DT	DB	6/28/2024

ALL UNITS IN MICOGRAMS PER LITER (µg/L)	NYSDEC TOGS Standards and Guidance
PCBs 8082	
Aroclor 1232	~
Total PCBs	0.09

Sample ID	MW-8
Sampling Date	4/11/2024
Matrix	Groundwater
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Aroclor 1232	0.116	
Total PCBs	**0.116**	

Sample ID	MW-9
Sampling Date	4/11/2024
Matrix	Groundwater
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Aroclor 1232	0.121	
Total PCBs	**0.121**	

Sample ID	MW-10
Sampling Date	4/11/2024
Matrix	Groundwater
ALL UNITS IN MICOGRAMS PER LITER (µg/L)	Result	Q
Aroclor 1232	0.556	
Total PCBs	**0.556**	

North

Wooded Area

375.26'

Edge of Blacktop

Gravel Area

Fence

85.30'

Groundwater Flow Direction

Conc. Pad

134.00'

82.46'

153.00'

SB-7/MW-7
Screen Depth: 5 - 15 feet bgs

SB-1/MW-1
Screen Depth: 5 - 15 feet bgs

SB-2/MW-2

SB-8/MW-8 Screen Depth: 5-20 feet bgs

Tucker Drive

SB-2/MW-2
Screen Depth: 5 - 15 feet bgs

SB-3/MW

SB-9/MW-9
Screen Depth: 5-20 feet bgs

175.00'

175.00'

SB-3/MW-3
Screen Depth: 5 - 15 feet bgs

SB-6/MW-6
Screen Depth: 5 - 15 feet bgs

409.48'

Fence

Groundwater Flow Direction

SB-4/MW-4
Screen Depth: 5 - 15 feet bgs

241.11'

222.57'

SB-10/MW-10
Screen Depth: 5-20 feet bgs

SB-5/MW-5
Screen Depth: 5 - 15 feet bgs

Fence

179.00'

127.15'

0' 50' 100'

Legend

ANALYTE DETECTED

ANALYTE DETECTED ABOVE AWQS

- Utility Pole
- Underground Utilities
- Property Line
- BCP Boundary
- SB-XX/MW-XX-Soil Boring / Temp. Well (2017)
- SB-XX/MW-XX-Soil boring/ground-water monitoring well conversion

DT Consulting Services
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: Willow Brook Rentals LLC

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

Title: PCBs in GW Above AWQS

Scale: Graphic 11"x17"	Drawn By: D.T.	BCP Site #: C314132	Fig.#: 27

TABLES

Table 1 - VOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-1B 12/28/2022 10-12		SB-1C 12/28/2022 18-20		SB-2A 12/28/2022 1-2		SB-2B 12/28/2022 10-12		SB-2C 12/28/2022 18-20		SB-3A 12/28/2022 3-5		SB-3B 12/28/2022 14-16		SB-3C 12/28/2022 18-20		SB-4A 12/28/2022 3-5		SB-4B 12/28/2022 14-16		SB-4C 12/28/2022 18-20		SB-5A 12/28/2022 0-6"		SB-5B 12/28/2022 1-2	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCS 8260																														
1,1,1,2-Tetrachloroethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,1,1-Trichloroethane	0.68	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,1,2,2-Tetrachloroethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,1,2-Trichloroethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,1-Dichloroethane	0.27	240	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,1-Dichloroethylene	0.33	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,1-Dichloropropylene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2,3-Trichlorobenzene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2,3-Trichloropropane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2,4,5-Tetramethylbenzene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2,4-Trichlorobenzene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2,4-Trimethylbenzene	3.6	190	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00310	J	0.00260	U	0.00380	U	0.00290	U
1,2-Dibromo-3-chloropropane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2-Dibromoethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2-Dichlorobenzene	1.1	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2-Dichloroethane	0.02	30	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,2-Dichloropropane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,3,5-Trimethylbenzene	8.4	190	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,3-Dichlorobenzene	2.4	280	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,3-Dichloropropane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,4-Dichlorobenzene	1.8	130	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
1,4-Dioxane	0.1	130	0.0490	U	0.0700	U	0.0550	U	0.0530	U	0.0590	U	0.0530	U	0.0540	U	0.0610	U	0.0570	U	0.0420	U	0.0590	U	0.0510	U	0.0770	U	0.0580	U
2,2-Dichloropropane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
2-Butanone	0.12	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.0120		0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.0130		0.00260	U	0.00380	U	0.00560	J
2-Chloroethylvinyl ether	~	~	0.00980	U	0.0140	U	0.0110	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0120	U	0.0110	U	0.00830	U	0.0120	U	0.0100	U	0.0150	U	0.0120	U
2-Chlorotoluene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
2-Hexanone	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
4-Chlorotoluene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
4-Methyl-2-pentanone	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Acetone	0.05	500	0.0240		**0.310**		0.00550	U	0.0120		0.0410		0.00680	J	0.0150		0.0140		0.00570	U	0.00470	J	0.0410		0.00510	U	0.00770	U	0.0280	
Acrolein	~	~	0.00490	U	0.00700	U	0.00550	U	0.00530	U	0.00590	U	0.00530	U	0.00540	U	0.00610	U	0.00570	U	0.00420	U	0.00590	U	0.00510	U	0.00770	U	0.00580	U
Acrylonitrile	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Benzene	0.06	44	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.0120		0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Bromobenzene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Bromochloromethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Bromodichloromethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Bromoform	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Bromomethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Carbon disulfide	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Carbon tetrachloride	0.76	22	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Chlorobenzene	1.1	500	0.00250	U	0.00350	U	0.00270	U	0.00850		0.120		0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00470	J	0.00260	U	0.00380	U	0.00290	U
Chloroethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Chloroform	0.37	350	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Chloromethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
cis-1,2-Dichloroethylene	0.25	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
cis-1,3-Dichloropropylene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U

Table 1 - VOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-1B 12/28/2022 10-12		SB-1C 12/28/2022 18-20		SB-2A 12/28/2022 1-2		SB-2B 12/28/2022 10-12		SB-2C 12/28/2022 18-20		SB-3A 12/28/2022 3-5		SB-3B 12/28/2022 14-16		SB-3C 12/28/2022 18-20		SB-4A 12/28/2022 3-5		SB-4B 12/28/2022 14-16		SB-4C 12/28/2022 18-20		SB-5A 12/28/2022 0-6"		SB-5B 12/28/2022 1-2	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Cyclohexane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Dibromochloromethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Dibromomethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Dichlorodifluoromethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Diisopropyl ether (DIPE)	~	~	0.00390	U	0.00560	U	0.00440	U	0.00420	U	0.00470	U	0.00420	U	0.00430	U	0.00490	U	0.00460	U	0.00330	U	0.00480	U	0.00410	U	0.00610	U	0.00460	U
Ethanol	~	~	0.0390	U	0.0820	J	0.0440	U	0.0420	U	0.0470	U	0.0420	U	0.0430	U	0.0490	U	0.0460	U	0.0330	U	0.0480	U	0.0410	U	0.0610	U	0.0460	U
Ethyl Benzene	1	390	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00390	U	0.00560	U	0.00440	U	0.00420	U	0.00470	U	0.00420	U	0.00430	U	0.00490	U	0.00460	U	0.00330	U	0.00480	U	0.00410	U	0.00610	U	0.00460	U
Hexachlorobutadiene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Iodomethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Isopropylbenzene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Methyl acetate	~	~	0.00250	U	0.00400	J	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Methyl Methacrylate	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Methylcyclohexane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Methylene chloride	0.05	500	0.00490	U	0.00700	U	0.00550	U	0.00530	U	0.00590	U	0.00530	U	0.00540	U	0.00610	U	0.00570	U	0.00420	U	0.00590	U	0.00510	U	0.00770	U	0.00580	U
Naphthalene	12	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
n-Butylbenzene	12	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
n-Propylbenzene	3.9	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
o-Xylene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
p- & m- Xylenes	~	~	0.00490	U	0.00700	U	0.00550	U	0.00530	U	0.00590	U	0.00530	U	0.00540	U	0.00610	U	0.00570	U	0.00420	U	0.00590	U	0.00510	U	0.00770	U	0.00580	U
p-Diethylbenzene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
p-Ethyltoluene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
p-Isopropyltoluene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
sec-Butylbenzene	11	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Styrene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
tert-Amyl alcohol (TAA)	~	~	0.0390	U	0.0560	U	0.0440	U	0.0420	U	0.0470	U	0.0420	U	0.0430	U	0.0490	U	0.0460	U	0.0330	U	0.0480	U	0.0410	U	0.0610	U	0.0460	U
tert-Amyl methyl ether (TAME)	~	~	0.00390	U	0.00560	U	0.00440	U	0.00420	U	0.00470	U	0.00420	U	0.00430	U	0.00490	U	0.00460	U	0.00330	U	0.00480	U	0.00410	U	0.00610	U	0.00460	U
tert-Butyl alcohol (TBA)	~	~	0.00250	U	0.0110		0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
tert-Butylbenzene	5.9	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Tetrachloroethylene	1.3	150	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Tetrahydrofuran	~	~	0.00490	U	0.00700	U	0.00550	U	0.00530	U	0.00590	U	0.00530	U	0.00540	U	0.00610	U	0.00570	U	0.00420	U	0.00590	U	0.00510	U	0.00770	U	0.00580	U
Toluene	0.7	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
trans-1,2-Dichloroethylene	0.19	500	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
trans-1,3-Dichloropropylene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
trans-1,4-dichloro-2-butene	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Trichloroethylene	0.47	200	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Trichlorofluoromethane	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Vinyl acetate	~	~	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Vinyl Chloride	0.02	13	0.00250	U	0.00350	U	0.00270	U	0.00260	U	0.00290	U	0.00260	U	0.00270	U	0.00310	U	0.00280	U	0.00210	U	0.00300	U	0.00260	U	0.00380	U	0.00290	U
Xylenes, Total	0.26	500	0.00740	U	0.0100	U	0.00820	U	0.00790	U	0.00880	U	0.00790	U	0.00810	U	0.00920	U	0.00850	U	0.00630	U	0.00890	U	0.00770	U	0.0120	U	0.00870	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection Limit)
but below the RL (Reporting Limt) - Data is estimated

Table 1 - VOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-5C 12/28/2022 16-18		SB-5D 12/28/2022 23-25		SB-6A 12/28/2022 2-4		SB-6B 12/28/2022 10-12		SB-6C 12/28/2022 23-25		SB-7A 12/28/2022 2-4		SB-7B 12/28/2022 9.5-11.5		SB-7C 12/28/2022 18-20		SB-7C Dup 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1		SB9C 3/18/2024 15-18		SB10A 3/18/2024 0-2	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCS 8260																																
1,1,1,2-Tetrachloroethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,1,1-Trichloroethane	0.68	500	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,1,2,2-Tetrachloroethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,1,2-Trichloroethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,1-Dichloroethane	0.27	240	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,1-Dichloroethylene	0.33	500	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,1-Dichloropropylene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2,3-Trichlorobenzene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2,3-Trichloropropane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2,4,5-Tetramethylbenzene	~	~	0.00530	J	0.00300	U	0.00200	U	0.00430	J	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2,4-Trichlorobenzene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2,4-Trimethylbenzene	3.6	190	0.210		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.0570		0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.710	D	0.00240	U
1,2-Dibromo-3-chloropropane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2-Dibromoethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2-Dichlorobenzene	1.1	500	0.00430	J	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2-Dichloroethane	0.02	30	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,2-Dichloropropane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,3,5-Trimethylbenzene	8.4	190	0.0730		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.0170		0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.360	D	0.00240	U
1,3-Dichlorobenzene	2.4	280	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,3-Dichloropropane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,4-Dichlorobenzene	1.8	130	0.110		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.0160		0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
1,4-Dioxane	0.1	130	0.0580	U	0.0610	U	0.0400	U	0.0540	U	0.0690	U	0.0440	U	0.0710	U	0.0580	U	0.0630	U	0.0560	U	0.0470	U	0.0520	U	0.0520	U	2.700	U	0.0490	U
2,2-Dichloropropane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
2-Butanone	0.12	500	0.0110		0.00300	U	0.00200	U	0.00600		0.00350	U	0.00220	U	0.00930		0.00290	U	0.00320	U	0.00280	U	0.00270	J	0.00260	U	0.00260	J	0.130	U	0.00380	J
2-Chloroethylvinyl ether	~	~	0.0120	U	0.0120	U	0.00810	U	0.0110	U	0.0140	U	0.00880	U	0.0140	U	0.0120	U	0.0130	U	0.0110	U	0.00940	U	0.0100	U	0.0100	U	0.530	U	0.00970	U
2-Chlorotoluene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
2-Hexanone	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
4-Chlorotoluene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
4-Methyl-2-pentanone	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Acetone	0.05	500	0.0360		0.00610	U	0.00400	U	0.0190		0.00690	U	0.0120		0.0360		0.00580	U	0.00630	U	0.00560	U	0.0110		0.00520	U	0.0350		0.270	U	0.0150	
Acrolein	~	~	0.00580	U	0.00610	U	0.00400	U	0.00540	U	0.00690	U	0.00440	U	0.00710	U	0.00580	U	0.00630	U	0.00560	U	0.00470	U	0.00520	U	0.00520	U	0.270	U	0.00490	U
Acrylonitrile	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Benzene	0.06	44	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Bromobenzene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Bromochloromethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Bromodichloromethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Bromoform	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Bromomethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Carbon disulfide	~	~	0.0160		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Carbon tetrachloride	0.76	22	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Chlorobenzene	1.1	500	0.0180		0.00300	U	0.00200	U	0.00270	U	0.00800		0.00220	U	0.00350	U	0.00310	J	0.00340	J	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Chloroethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Chloroform	0.37	350	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Chloromethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
cis-1,2-Dichloroethylene	0.25	500	0.00630		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00400	J	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
cis-1,3-Dichloropropylene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U

Table 1 - VOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs) ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-5C 12/28/2022 16-18		SB-5D 12/28/2022 23-25		SB-6A 12/28/2022 2-4		SB-6B 12/28/2022 10-12		SB-6C 12/28/2022 23-25		SB-7A 12/28/2022 2-4		SB-7B 12/28/2022 9.5-11.5		SB-7C 12/28/2022 18-20		SB-7C Dup 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1		SB9C 3/18/2024 15-18		SB10A 3/18/2024 0-2	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Cyclohexane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Dibromochloromethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Dibromomethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Dichlorodifluoromethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Diisopropyl ether (DIPE)	~	~	0.00470	U	0.00490	U	0.00320	U	0.00430	U	0.00550	U	0.00350	U	0.00570	U	0.00470	U	0.00510	U	0.00450	U	0.00380	U	0.00410	U	0.00420	U	0.210	U	0.00390	U
Ethanol	~	~	0.0470	U	0.0490	U	0.0320	U	0.0430	U	0.0550	U	0.0350	U	0.0570	U	0.0470	U	0.0510	U	0.0450	U	0.0380	U	0.0410	U	0.0420	U	2.100	U	0.0390	U
Ethyl Benzene	1	390	0.0300		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00430	J	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.540	D	0.00240	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00470	U	0.00490	U	0.00320	U	0.00430	U	0.00550	U	0.00350	U	0.00570	U	0.00470	U	0.00510	U	0.00450	U	0.00380	U	0.00410	U	0.00420	U	0.210	U	0.00390	U
Hexachlorobutadiene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Iodomethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Isopropylbenzene	~	~	0.0100		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Methyl acetate	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Methyl Methacrylate	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Methylcyclohexane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Methylene chloride	0.05	500	0.00580	U	0.00610	U	0.00400	U	0.00540	U	0.00690	U	0.00440	U	0.00890	J	0.00580	U	0.00630	U	0.00560	U	0.00470	U	0.00520	U	0.00520	U	0.270	U	0.00490	U
Naphthalene	12	500	0.0100	J	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
n-Butylbenzene	12	500	0.00500	J	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
n-Propylbenzene	3.9	500	0.0170		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.180	JD	0.00240	U
o-Xylene	~	~	0.0490		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00870		0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.400	D	0.00240	U
p- & m- Xylenes	~	~	0.220		0.00610	U	0.00400	U	0.00540	U	0.00690	U	0.00440	U	0.0220		0.00580	U	0.00630	U	0.00560	U	0.00470	U	0.00520	U	0.00520	U	2.900	D	0.00490	U
p-Diethylbenzene	~	~	0.0250		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00930		0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
p-Ethyltoluene	~	~	0.0120		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00530	J	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.360	D	0.00240	U
p-Isopropyltoluene	~	~	0.170		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.100		0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
sec-Butylbenzene	11	500	0.00720		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Styrene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
tert-Amyl alcohol (TAA)	~	~	0.0470	U	0.0490	U	0.0320	U	0.0430	U	0.0550	U	0.0350	U	0.0570	U	0.0470	U	0.0510	U	0.0450	U	0.0380	U	0.0410	U	0.0420	U	2.100	U	0.0390	U
tert-Amyl methyl ether (TAME)	~	~	0.00470	U	0.00490	U	0.00320	U	0.00430	U	0.00550	U	0.00350	U	0.00570	U	0.00470	U	0.00510	U	0.00450	U	0.00380	U	0.00410	U	0.00420	U	0.210	U	0.00390	U
tert-Butyl alcohol (TBA)	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
tert-Butylbenzene	5.9	500	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Tetrachloroethylene	1.3	150	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Tetrahydrofuran	~	~	0.00580	U	0.00610	U	0.00400	U	0.00540	U	0.00690	U	0.00440	U	0.00710	U	0.00580	U	0.00630	U	0.00560	U	0.00470	U	0.00520	U	0.00520	U	0.270	U	0.00490	U
Toluene	0.7	500	0.0380		0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00890		0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	JD	0.00240	U
trans-1,2-Dichloroethylene	0.19	500	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
trans-1,3-Dichloropropylene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
trans-1,4-dichloro-2-butene	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Trichloroethylene	0.47	200	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Trichlorofluoromethane	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Vinyl acetate	~	~	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Vinyl Chloride	0.02	13	0.00290	U	0.00300	U	0.00200	U	0.00270	U	0.00350	U	0.00220	U	0.00350	U	0.00290	U	0.00320	U	0.00280	U	0.00240	U	0.00260	U	0.00260	U	0.130	U	0.00240	U
Xylenes, Total	0.26	500	**0.270**		0.00910	U	0.00610	U	0.00810	U	0.0100	U	0.00660	U	0.0310		0.00880	U	0.00950	U	0.00840	U	0.00710	U	0.00770	U	0.00790	U	**3.300**	D	0.00730	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection Limit) but below the RL (Reporting Limt) - Data is estimated

Table 1 - VOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB10B 3/18/2024 10-12		SB11A 3/18/2024 0-2		SB11B 3/18/2024 10-13		SB12A 3/18/2024 0-2		SB 12B 3/18/2024 13-15		SB 13A 3/18/2024 0-2		SB 13B 3/18/2024 19.5-21		SB 14 3/18/2024 0-1		SB 14 Dup 3/18/2024 0-1		SB 15 3/18/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCS 8260																						
1,1,1,2-Tetrachloroethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,1,1-Trichloroethane	0.68	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,1,2,2-Tetrachloroethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,1,2-Trichloroethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,1-Dichloroethane	0.27	240	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,1-Dichloroethylene	0.33	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,1-Dichloropropylene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2,3-Trichlorobenzene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2,3-Trichloropropane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2,4,5-Tetramethylbenzene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00350	J	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2,4-Trichlorobenzene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2,4-Trimethylbenzene	3.6	190	0.150		0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2-Dibromo-3-chloropropane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2-Dibromoethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2-Dichlorobenzene	1.1	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2-Dichloroethane	0.02	30	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,2-Dichloropropane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,3,5-Trimethylbenzene	8.4	190	0.0440		0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,3-Dichlorobenzene	2.4	280	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,3-Dichloropropane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
1,4-Dichlorobenzene	1.8	130	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00380	J	0.00330	U	0.00400	U	0.00310	U
1,4-Dioxane	0.1	130	0.0540	U	0.0490	U	0.0500	U	0.0440	U	0.0550	U	0.0470	U	0.0690	U	0.0660	U	0.0810	U	0.0620	U
2,2-Dichloropropane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
2-Butanone	0.12	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.0280		0.00350	U	0.00330	U	0.00400	U	0.00310	U
2-Chloroethylvinyl ether	~	~	0.0110	U	0.00970	U	0.0100	U	0.00890	U	0.0110	U	0.00940	U	0.0140	U	0.0130	U	0.0160	U	0.0120	U
2-Chlorotoluene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
2-Hexanone	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
4-Chlorotoluene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
4-Methyl-2-pentanone	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Acetone	0.05	500	0.00540	U	0.0110		0.0140		0.00800	J	0.00560	J	**0.0940**		0.0110	J	0.00660	U	0.00810	U	0.00620	U
Acrolein	~	~	0.00540	U	0.00490	U	0.00500	U	0.00440	U	0.00550	U	0.00470	U	0.00690	U	0.00660	U	0.00810	U	0.00620	U
Acrylonitrile	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Benzene	0.06	44	0.00280	J	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Bromobenzene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Bromochloromethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Bromodichloromethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Bromoform	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Bromomethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Carbon disulfide	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00500	J	0.00330	U	0.00400	U	0.00310	U
Carbon tetrachloride	0.76	22	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Chlorobenzene	1.1	500	0.00340	J	0.00240	U	0.00740		0.00220	U	0.0130		0.00310	J	0.0240		0.00330	U	0.00400	U	0.00310	U
Chloroethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Chloroform	0.37	350	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Chloromethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
cis-1,2-Dichloroethylene	0.25	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
cis-1,3-Dichloropropylene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U

Table 1 - VOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB10B 3/18/2024 10-12		SB11A 3/18/2024 0-2		SB11B 3/18/2024 10-13		SB12A 3/18/2024 0-2		SB 12B 3/18/2024 13-15		SB 13A 3/18/2024 0-2		SB 13B 3/18/2024 19.5-21		SB 14 3/18/2024 0-1		SB 14 Dup 3/18/2024 0-1		SB 15 3/18/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Cyclohexane	~	~	0.00270	U	0.00240	U	0.00330	J	0.00220	U	0.00280	U	0.00290	J	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Dibromochloromethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Dibromomethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Dichlorodifluoromethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Diisopropyl ether (DIPE)	~	~	0.00430	U	0.00390	U	0.00400	U	0.00350	U	0.00440	U	0.00380	U	0.00560	U	0.00530	U	0.00650	U	0.00500	U
Ethanol	~	~	0.0430	U	0.0390	U	0.0400	U	0.0350	U	0.0440	U	0.0380	U	0.0560	U	0.0530	U	0.0650	U	0.130	
Ethyl Benzene	1	390	**10**	D	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00430	U	0.00390	U	0.00400	U	0.00350	U	0.00440	U	0.00380	U	0.00560	U	0.00530	U	0.00650	U	0.00500	U
Hexachlorobutadiene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Iodomethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Isopropylbenzene	~	~	0.0120		0.00240	U	0.00330	J	0.00220	U	0.00280	U	0.00230	U	0.00720		0.00330	U	0.00400	U	0.00310	U
Methyl acetate	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Methyl Methacrylate	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Methylcyclohexane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Methylene chloride	0.05	500	0.00540	U	0.00490	U	0.00510	J	0.00440	U	0.00550	U	0.00470	U	0.00690	U	0.00660	U	0.00810	U	0.00620	U
Naphthalene	12	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.0430		0.00330	U	0.00400	U	0.00310	U
n-Butylbenzene	12	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
n-Propylbenzene	3.9	500	0.0270		0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00620	J	0.00330	U	0.00400	U	0.00310	U
o-Xylene	~	~	6.100	D	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
p- & m- Xylenes	~	~	30	D	0.00490	U	0.00500	U	0.00440	U	0.00550	U	0.00470	U	0.00690	U	0.00660	U	0.00810	U	0.00620	U
p-Diethylbenzene	~	~	0.00540		0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
p-Ethyltoluene	~	~	0.0440		0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
p-Isopropyltoluene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
sec-Butylbenzene	11	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Styrene	~	~	0.0110		0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
tert-Amyl alcohol (TAA)	~	~	0.0430	U	0.0390	U	0.0400	U	0.0350	U	0.0440	U	0.0380	U	0.0560	U	0.0530	U	0.0650	U	0.0500	U
tert-Amyl methyl ether (TAME)	~	~	0.00430	U	0.00390	U	0.00400	U	0.00350	U	0.00440	U	0.00380	U	0.00560	U	0.00530	U	0.00650	U	0.00500	U
tert-Butyl alcohol (TBA)	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
tert-Butylbenzene	5.9	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Tetrachloroethylene	1.3	150	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Tetrahydrofuran	~	~	0.00540	U	0.00490	U	0.00500	U	0.00440	U	0.00550	U	0.00470	U	0.00690	U	0.00660	U	0.00810	U	0.00620	U
Toluene	0.7	500	**9.500**	D	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
trans-1,2-Dichloroethylene	0.19	500	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
trans-1,3-Dichloropropylene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
trans-1,4-dichloro-2-butene	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Trichloroethylene	0.47	200	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Trichlorofluoromethane	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Vinyl acetate	~	~	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Vinyl Chloride	0.02	13	0.00270	U	0.00240	U	0.00250	U	0.00220	U	0.00280	U	0.00230	U	0.00350	U	0.00330	U	0.00400	U	0.00310	U
Xylenes, Total	0.26	500	**36**	D	0.00730	U	0.00750	U	0.00660	U	0.00830	U	0.00700	U	0.0100	U	0.00990	U	0.0120	U	0.00940	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection Limit) but below the RL (Reporting Limt) - Data is estimated

Table 1 - SVOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-1B 12/28/2022 10-12		SB-1C 12/28/2022 18-20		SB-2A 12/28/2022 1-2		SB-2B 12/28/2022 10-12		SB-2C 12/28/2022 18-20		SB-3A 12/28/2022 3-5		SB-3B 12/28/2022 14-16		SB-3C 12/28/2022 18-20		SB-4A 12/28/2022 3-5		SB-4B 12/28/2022 14-16		SB-4C 12/28/2022 18-20		SB-5A 12/28/2022 0-6"		SB-5B 12/28/2022 1-2	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs 8270																														
1,4-Dioxane	0.1	130	0.0194	U	0.0198	U	0.0192	U	0.0196	U	0.0187	U	0.0198	U	0.0194	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U
1,1-Biphenyl	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
1,2,4-Trichlorobenzene	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
1,2-Dichlorobenzene	1.1	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
1,3-Dichlorobenzene	2.4	280	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
1,4-Dichlorobenzene	1.8	130	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2,3,4,6-Tetrachlorophenol	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
2,4,5-Trichlorophenol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2,4,6-Trichlorophenol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2,4-Dichlorophenol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2,4-Dimethylphenol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2,4-Dinitrophenol	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
2,4-Dinitrotoluene	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2,6-Dinitrotoluene	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2-Chloronaphthalene	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2-Chlorophenol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2-Methylnaphthalene	~	~	0.0438	U	0.0526	U	0.0613	U	0.144	D	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2-Methylphenol	0.33	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
2-Nitroaniline	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
2-Nitrophenol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
3- & 4-Methylphenols	0.33	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.138	D	0.0465	U
3,3-Dichlorobenzidine	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
3-Nitroaniline	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
4,6-Dinitro-2-methylphenol	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
4-Bromophenyl phenyl ether	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
4-Chloro-3-methylphenol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
4-Chloroaniline	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
4-Chlorophenyl phenyl ether	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
4-Nitroaniline	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
4-Nitrophenol	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
Acenaphthene	20	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Acenaphthylene	100	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Acetophenone	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Aniline	~	~	0.175	U	0.210	U	0.245	U	0.177	U	0.214	U	0.212	U	0.183	U	0.212	U	0.219	U	0.186	U	0.227	U	0.217	U	0.202	U	0.186	U
Anthracene	100	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0571	JD
Atrazine	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Benzaldehyde	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Benzidine	~	~	0.175	U	0.210	U	0.245	U	0.177	U	0.214	U	0.212	U	0.183	U	0.212	U	0.219	U	0.186	U	0.227	U	0.217	U	0.202	U	0.186	U
Benzo(a)anthracene	1	5.6	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0804	JD	0.191	D
Benzo(a)pyrene	1	1	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.104	D	0.174	D
Benzo(b)fluoranthene	1	5.6	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.102	D	0.144	D
Benzo(g,h,i)perylene	100	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0837	JD	0.112	D
Benzo(k)fluoranthene	0.8	56	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0885	JD	0.149	D
Benzoic acid	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Benzyl alcohol	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U

Table 1 - SVOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-1B 12/28/2022 10-12		SB-1C 12/28/2022 18-20		SB-2A 12/28/2022 1-2		SB-2B 12/28/2022 10-12		SB-2C 12/28/2022 18-20		SB-3A 12/28/2022 3-5		SB-3B 12/28/2022 14-16		SB-3C 12/28/2022 18-20		SB-4A 12/28/2022 3-5		SB-4B 12/28/2022 14-16		SB-4C 12/28/2022 18-20		SB-5A 12/28/2022 0-6"		SB-5B 12/28/2022 1-2	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	0.0438	U	0.0526	U	0.0613	U	0.282	D	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Bis(2-chloroethoxy)methane	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Bis(2-chloroethyl)ether	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Bis(2-chloroisopropyl)ether	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Bis(2-ethylhexyl)phthalate	~	~	0.0438	U	0.0526	U	0.0613	U	9.470	D	0.0940	JD	0.0532	U	0.385	D	0.456	D	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.136	D	0.0465	U
Caprolactam	~	~	0.0874	U	0.105	U	0.122	U	0.0885	U	0.107	U	0.106	U	0.0915	U	0.106	U	0.109	U	0.0928	U	0.113	U	0.108	U	0.101	U	0.0928	U
Carbazole	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Chrysene	1	56	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.104	D	0.181	D
Dibenzo(a,h)anthracene	0.33	0.56	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Dibenzofuran	7	350	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Diethyl phthalate	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Dimethyl phthalate	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Di-n-butyl phthalate	~	~	0.0438	U	0.0526	U	0.0613	U	0.388	D	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Di-n-octyl phthalate	~	~	0.0438	U	0.0526	U	0.0613	U	0.228	D	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Fluoranthene	100	500	0.0438	U	0.0526	U	0.0613	U	0.0460	JD	0.0536	U	0.0532	U	0.0526	JD	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.158	D	0.367	D
Fluorene	30	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Hexachlorobenzene	0.33	6	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Hexachlorobutadiene	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Hexachlorocyclopentadiene	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Hexachloroethane	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0788	JD	0.121	D
Isophorone	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Naphthalene	12	500	0.0438	U	0.0526	U	0.0613	U	0.151	D	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Nitrobenzene	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
N-Nitrosodimethylamine	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
N-nitroso-di-n-propylamine	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
N-Nitrosodiphenylamine	~	~	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Pentachlorophenol	0.8	6.7	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Phenanthrene	100	500	0.0438	U	0.0526	U	0.0613	U	0.0856	JD	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0636	JD	0.171	D
Phenol	0.33	500	0.0438	U	0.0526	U	0.0613	U	0.0443	U	0.0536	U	0.0532	U	0.0458	U	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.0504	U	0.0465	U
Pyrene	100	500	0.0438	U	0.0526	U	0.0613	U	0.0495	JD	0.0536	U	0.0532	U	0.0483	JD	0.0531	U	0.0547	U	0.0465	U	0.0568	U	0.0543	U	0.149	D	0.332	D

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection Limit) but below the RL (Reporting Limt) - Data is estimated

Table 1 - SVOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-5C 12/28/2022 16-18		SB-5D 12/28/2022 23-25		SB-6A 12/28/2022 2-4		SB-6B 12/28/2022 10-12		SB-6C 12/28/2022 23-25		SB-7A 12/28/2022 2-4		SB-7B 12/28/2022 9.5-11.5		SB-7C 12/28/2022 18-20		SB-7C Dup 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1		SB9C 3/18/2024 15-18	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs 8270																																
1,4-Dioxane	0.1	130	0.0194	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0189	U	0.0194	U	0.0198	U	0.0198	U	0.0198	U
1,1-Biphenyl	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.283	D	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
1,2,4-Trichlorobenzene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
1,2-Dichlorobenzene	1.1	500	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0565	JD	0.0447	U	0.0445	U	0.0506	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
1,3-Dichlorobenzene	2.4	280	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
1,4-Dichlorobenzene	1.8	130	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.416	D	0.0447	U	0.0445	U	0.0506	U
2,3,4,6-Tetrachlorophenol	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
2,4,5-Trichlorophenol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2,4,6-Trichlorophenol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2,4-Dichlorophenol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2,4-Dimethylphenol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2,4-Dinitrophenol	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
2,4-Dinitrotoluene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2,6-Dinitrotoluene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2-Chloronaphthalene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2-Chlorophenol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2-Methylnaphthalene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.602	D	0.0447	U	0.0445	U	0.248	D
2-Methylphenol	0.33	500	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
2-Nitroaniline	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
2-Nitrophenol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
3- & 4-Methylphenols	0.33	500	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
3,3-Dichlorobenzidine	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
3-Nitroaniline	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
4,6-Dinitro-2-methylphenol	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
4-Bromophenyl phenyl ether	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
4-Chloro-3-methylphenol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
4-Chloroaniline	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
4-Chlorophenyl phenyl ether	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
4-Nitroaniline	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
4-Nitrophenol	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
Acenaphthene	20	500	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0874	JD	0.0447	U	0.0445	U	0.0506	U
Acenaphthylene	100	500	0.0438	U	0.0509	U	0.0545	U	0.125	D	0.0532	U	0.0585	U	0.192	D	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Acetophenone	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.116	D	0.0447	U	0.0445	U	0.0506	U
Aniline	~	~	0.175	U	0.203	U	0.218	U	0.186	U	0.213	U	0.234	U	0.176	U	0.231	U	0.203	U	0.210	U	0.180	U	0.184	U	0.179	U	0.178	U	0.202	U
Anthracene	100	500	0.0438	U	0.0509	U	0.0545	U	0.123	D	0.0532	U	0.0585	U	0.216	D	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0815	JD	0.0447	U	0.0445	U	0.0506	U
Atrazine	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Benzaldehyde	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Benzidine	~	~	0.175	U	0.203	U	0.218	U	0.186	U	0.213	U	0.234	U	0.176	U	0.231	U	0.203	U	0.210	U	0.180	U	0.184	U	0.179	U	0.178	U	0.202	U
Benzo(a)anthracene	1	5.6	0.0438	U	0.0509	U	0.0545	U	0.321	D	0.0532	U	0.0585	U	0.451	D	0.0577	U	0.0509	U	0.0525	U	0.152	D	0.259	D	0.0447	U	0.120	D	0.0506	U
Benzo(a)pyrene	1	1	0.0438	U	0.0509	U	0.0545	U	0.373	D	0.0532	U	0.0585	U	0.411	D	0.0577	U	0.0509	U	0.0525	U	0.166	D	0.280	D	0.0447	U	0.140	D	0.0506	U
Benzo(b)fluoranthene	1	5.6	0.0438	U	0.0509	U	0.0545	U	0.265	D	0.0532	U	0.0585	U	0.268	D	0.0577	U	0.0509	U	0.0525	U	0.180	D	0.205	D	0.0447	U	0.152	D	0.0506	U
Benzo(g,h,i)perylene	100	500	0.0438	U	0.0509	U	0.0545	U	0.220	D	0.0532	U	0.0585	U	0.218	D	0.0577	U	0.0509	U	0.0525	U	0.125	D	0.153	D	0.0447	U	0.101	D	0.0506	U
Benzo(k)fluoranthene	0.8	56	0.0438	U	0.0509	U	0.0545	U	0.257	D	0.0532	U	0.0585	U	0.298	D	0.0577	U	0.0509	U	0.0525	U	0.144	D	0.191	D	0.0447	U	0.130	D	0.0506	U
Benzoic acid	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Benzyl alcohol	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U

Table 1 - SVOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-5C 12/28/2022 16-18		SB-5D 12/28/2022 23-25		SB-6A 12/28/2022 2-4		SB-6B 12/28/2022 10-12		SB-6C 12/28/2022 23-25		SB-7A 12/28/2022 2-4		SB-7B 12/28/2022 9.5-11.5		SB-7C 12/28/2022 18-20		SB-7C Dup 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1		SB9C 3/18/2024 15-18	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.624	D	0.0447	U	0.0445	U	4.780	D
Bis(2-chloroethoxy)methane	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Bis(2-chloroethyl)ether	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Bis(2-chloroisopropyl)ether	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Bis(2-ethylhexyl)phthalate	~	~	0.0438	U	0.837	D	0.0545	U	0.114	D	0.106	D	0.0585	U	0.0440	U	0.127	D	0.0509	U	0.0525	U	0.132	D	4.320	D	0.256	D	0.0445	U	1,340	D
Caprolactam	~	~	0.0874	U	0.102	U	0.109	U	0.0930	U	0.106	U	0.117	U	0.0878	U	0.115	U	0.102	U	0.105	U	0.0901	U	0.0919	U	0.0893	U	0.0887	U	0.101	U
Carbazole	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0617	JD	0.0447	U	0.0445	U	0.0506	U
Chrysene	1	56	0.0438	U	0.0509	U	0.0545	U	0.325	D	0.0532	U	0.0585	U	0.472	D	0.0577	U	0.0509	U	0.0525	U	0.176	D	0.281	D	0.0447	U	0.139	D	0.0506	U
Dibenzo(a,h)anthracene	0.33	0.56	0.0438	U	0.0509	U	0.0545	U	0.0483	JD	0.0532	U	0.0585	U	0.0498	JD	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Dibenzofuran	7	350	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0654	JD	0.0447	U	0.0445	U	0.0506	U
Diethyl phthalate	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0881	JD	0.0447	U	0.0445	U	0.0506	U
Dimethyl phthalate	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Di-n-butyl phthalate	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	1.080	D	0.0447	U	0.0445	U	28.800	D
Di-n-octyl phthalate	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0847	JD	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.970	D
Fluoranthene	100	500	0.0438	U	0.0509	U	0.0545	U	0.573	D	0.0543	JD	0.0585	U	0.851	D	0.0577	U	0.0509	U	0.0525	U	0.326	D	0.746	D	0.0447	U	0.272	D	0.0506	U
Fluorene	30	500	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.112	D	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0918	JD	0.0447	U	0.0445	U	0.0506	U
Hexachlorobenzene	0.33	6	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Hexachlorobutadiene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Hexachlorocyclopentadiene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Hexachloroethane	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0438	U	0.0509	U	0.0545	U	0.226	D	0.0532	U	0.0585	U	0.218	D	0.0577	U	0.0509	U	0.0525	U	0.129	D	0.137	D	0.0447	U	0.109	D	0.0506	U
Isophorone	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Naphthalene	12	500	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.260	D	0.0447	U	0.0445	U	0.823	D
Nitrobenzene	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
N-Nitrosodimethylamine	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
N-nitroso-di-n-propylamine	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
N-Nitrosodiphenylamine	~	~	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Pentachlorophenol	0.8	6.7	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Phenanthrene	100	500	0.0438	U	0.0509	U	0.0545	U	0.276	D	0.0696	JD	0.0585	U	0.905	D	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.902	D	0.0447	U	0.0922	D	0.0726	JD
Phenol	0.33	500	0.0438	U	0.0509	U	0.0545	U	0.0466	U	0.0532	U	0.0585	U	0.0440	U	0.0577	U	0.0509	U	0.0525	U	0.0452	U	0.0460	U	0.0447	U	0.0445	U	0.0506	U
Pyrene	100	500	0.0438	U	0.0509	U	0.0545	U	0.568	D	0.0951	JD	0.0585	U	1.010	D	0.0577	U	0.0509	U	0.0525	U	0.276	D	0.673	D	0.0447	U	0.172	D	0.0506	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection Limit) but below the RL (Reporting Limt) - Data is estimated

Table 1 - SVOC Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB10A 3/18/2024 0-2		SB10B 3/18/2024 10-12		SB11A 3/18/2024 0-2		SB11B 2024 12:18:0 10-13		SB12A 3/18/2024 0-2		SB 12B 3/18/2024 13-15		SB 13A 3/18/2024 0-2		SB 13B 3/18/2024 19.5-21		SB 14 3/18/2024 0-1		SB 14 Dup 3/18/2024 0-1		SB 15 3/18/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs 8270																										
1,4-Dioxane	0.1	130	0.0194	U	0.0198	U	0.0189	U	NT		NT		NT		NT		NT		NT		0.0192	U	0.0185	U	0.0196	U
1,1-Biphenyl	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
1,2,4-Trichlorobenzene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
1,2-Dichlorobenzene	1.1	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
1,3-Dichlorobenzene	2.4	280	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
1,4-Dichlorobenzene	1.8	130	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2,3,4,6-Tetrachlorophenol	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
2,4,5-Trichlorophenol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2,4,6-Trichlorophenol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2,4-Dichlorophenol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2,4-Dimethylphenol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2,4-Dinitrophenol	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
2,4-Dinitrotoluene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2,6-Dinitrotoluene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2-Chloronaphthalene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2-Chlorophenol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2-Methylnaphthalene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2-Methylphenol	0.33	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
2-Nitroaniline	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
2-Nitrophenol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
3- & 4-Methylphenols	0.33	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
3,3-Dichlorobenzidine	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
3-Nitroaniline	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
4,6-Dinitro-2-methylphenol	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
4-Bromophenyl phenyl ether	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
4-Chloro-3-methylphenol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
4-Chloroaniline	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
4-Chlorophenyl phenyl ether	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
4-Nitroaniline	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
4-Nitrophenol	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
Acenaphthene	20	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Acenaphthylene	100	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Acetophenone	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Aniline	~	~	0.175	U	0.181	U	0.222	U	0.180	U	0.189	U	0.175	U	0.213	U	0.188	U	0.231	U	0.200	U	0.198	U	0.207	U
Anthracene	100	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Atrazine	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Benzaldehyde	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Benzidine	~	~	0.175	U	0.181	U	0.222	U	0.180	U	0.189	U	0.175	U	0.213	U	0.188	U	0.231	U	0.200	U	0.198	U	0.207	U
Benzo(a)anthracene	1	5.6	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.255	D	0.293	D	0.106	D
Benzo(a)pyrene	1	1	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.370	D	0.395	D	0.121	D
Benzo(b)fluoranthene	1	5.6	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.376	D	0.415	D	0.132	D
Benzo(g,h,i)perylene	100	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.346	D	0.347	D	0.126	D
Benzo(k)fluoranthene	0.8	56	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.292	D	0.292	D	0.101	JD
Benzoic acid	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.326	D	0.388	D	0.0518	U
Benzyl alcohol	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U

Table 1 - SVOC Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB10A 3/18/2024 0-2		SB10B 3/18/2024 10-12		SB11A 3/18/2024 0-2		SB11B 2024 12:18:0 10-13		SB12A 3/18/2024 0-2		SB 12B 3/18/2024 13-15		SB 13A 3/18/2024 0-2		SB 13B 3/18/2024 19.5-21		SB 14 3/18/2024 0-1		SB 14 Dup 3/18/2024 0-1		SB 15 3/18/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzyl butyl phthalate	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Bis(2-chloroethoxy)methane	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Bis(2-chloroethyl)ether	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Bis(2-chloroisopropyl)ether	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Bis(2-ethylhexyl)phthalate	~	~	0.0438	U	1.460	D	68	D	0.0451	U	1.850	D	0.0437	U	0.305	D	0.0472	U	0.0579	U	0.131	D	0.165	D	0.0867	JD
Caprolactam	~	~	0.0874	U	0.0904	U	0.111	U	0.0900	U	0.0946	U	0.0873	U	0.106	U	0.0941	U	0.115	U	0.0997	U	0.0988	U	0.103	U
Carbazole	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Chrysene	1	56	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0477	JD	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.313	D	0.363	D	0.116	D
Dibenzo(a,h)anthracene	0.33	0.56	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0701	JD	0.0727	JD	0.0518	U
Dibenzofuran	7	350	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Diethyl phthalate	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Dimethyl phthalate	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Di-n-butyl phthalate	~	~	0.0438	U	0.0453	U	0.120	D	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Di-n-octyl phthalate	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Fluoranthene	100	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.482	D	0.617	D	0.189	D
Fluorene	30	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Hexachlorobenzene	0.33	6	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Hexachlorobutadiene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Hexachlorocyclopentadiene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Hexachloroethane	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.373	D	0.397	D	0.139	D
Isophorone	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Naphthalene	12	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Nitrobenzene	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
N-Nitrosodimethylamine	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
N-nitroso-di-n-propylamine	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
N-Nitrosodiphenylamine	~	~	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Pentachlorophenol	0.8	6.7	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Phenanthrene	100	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.221	D	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.184	D	0.246	D	0.0520	JD
Phenol	0.33	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0474	U	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.0500	U	0.0495	U	0.0518	U
Pyrene	100	500	0.0438	U	0.0453	U	0.0555	U	0.0451	U	0.0514	JD	0.0437	U	0.0532	U	0.0472	U	0.0579	U	0.557	D	0.742	D	0.213	D

NOTES:
ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE CU SCO
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution
J= Analyte detected at or above the MDL (Method Detection Limit) but below the RL (Reporting Limt) - Data is estimated

Table 1 - Pesticide Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-1B 12/28/2022 10-12		SB-1C 12/28/2022 18-20		SB-2A 12/28/2022 1-2		SB-2B 12/28/2022 10-12		SB-2C 12/28/2022 18-20		SB-3A 12/28/2022 3-5		SB-3B 12/28/2022 14-16		SB-3C 12/28/2022 18-20		SB-4A 12/28/2022 3-5		SB-4B 12/28/2022 14-16		SB-4C 12/28/2022 18-20		SB-5A 12/28/2022 0-6"		SB-5B 12/28/2022 1-2	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides 8081																														
4,4'-DDD	0.0033	92	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
4,4'-DDE	0.0033	62	0.00173	U	0.00207	U	0.00241	U	0.00278	D	0.00211	U	0.00210	U	0.00181	U	0.00293	D	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
4,4'-DDT	0.0033	47	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Aldrin	0.005	0.68	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
alpha-BHC	0.02	3.4	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
alpha-Chlordane	0.094	24	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
beta-BHC	0.036	3	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Chlordane, total	~	~	0.0346	U	0.0415	U	0.0482	U	0.0350	U	0.0423	U	0.0420	U	0.0362	U	0.0416	U	0.0426	U	0.0366	U	0.0438	U	0.0426	U	0.0393	U	0.0367	U
delta-BHC	0.04	500	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Dieldrin	0.005	1.4	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Endosulfan I	2.4	200	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Endosulfan II	2.4	200	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Endosulfan sulfate	2.4	200	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Endrin	0.014	89	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Endrin aldehyde	~	~	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Endrin ketone	~	~	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
gamma-BHC (Lindane)	0.1	9.2	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
gamma-Chlordane	~	~	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Heptachlor	0.042	15	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Heptachlor epoxide	~	~	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Methoxychlor	~	~	0.00173	U	0.00207	U	0.00241	U	0.00175	U	0.00211	U	0.00210	U	0.00181	U	0.00208	U	0.00213	U	0.00183	U	0.00219	U	0.00213	U	0.00197	U	0.00184	U
Toxaphene	~	~	0.173	U	0.207	U	0.241	U	0.175	U	0.211	U	0.210	U	0.181	U	0.208	U	0.213	U	0.183	U	0.219	U	0.213	U	0.197	U	0.184	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

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Table 1 - Pesticide Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-5C 12/28/2022 16-18		SB-5D 12/28/2022 23-25		SB-6A 12/28/2022 2-4		SB-6B 12/28/2022 10-12		SB-6C 12/28/2022 23-25		SB-7A 12/28/2022 2-4		SB-7B 12/28/2022 9.5-11.5		SB-7C 12/28/2022 18-20		SB-7C Dup 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1		SB9C 3/18/2024 15-18	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides 8081																																
4,4'-DDD	0.0033	92	0.00173	U	0.00203	U	0.00214	U	0.00182	U	**0.0101**	D	0.00233	U	0.00173	U	**0.0136**	D	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
4,4'-DDE	0.0033	62	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00218	D	0.00233	U	0.00173	U	**0.00704**	D	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
4,4'-DDT	0.0033	47	0.00173	U	0.00203	U	0.00214	U	0.00182	U	**0.0232**	D	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Aldrin	0.005	0.68	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
alpha-BHC	0.02	3.4	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
alpha-Chlordane	0.094	24	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.0116	D	0.00233	U	0.00173	U	0.0202	D	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
beta-BHC	0.036	3	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Chlordane, total	~	~	0.0346	U	0.0406	U	0.0427	U	0.0365	U	0.0880	D	0.0467	U	0.0346	U	0.165	D	0.0401	U	0.0408	U	0.0360	U	0.0364	U	0.0345	U	0.0349	U	0.0394	U
delta-BHC	0.04	500	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Dieldrin	0.005	1.4	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	**0.00521**	D	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Endosulfan I	2.4	200	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Endosulfan II	2.4	200	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Endosulfan sulfate	2.4	200	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Endrin	0.014	89	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Endrin aldehyde	~	~	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Endrin ketone	~	~	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
gamma-BHC (Lindane)	0.1	9.2	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
gamma-Chlordane	~	~	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.0115	D	0.00233	U	0.00173	U	0.0193	D	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Heptachlor	0.042	15	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00679	D	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Heptachlor epoxide	~	~	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Methoxychlor	~	~	0.00173	U	0.00203	U	0.00214	U	0.00182	U	0.00207	U	0.00233	U	0.00173	U	0.00229	U	0.00200	U	0.00204	U	0.00180	U	0.00182	U	0.00173	U	0.00174	U	0.00197	U
Toxaphene	~	~	0.173	U	0.203	U	0.214	U	0.182	U	0.207	U	0.233	U	0.173	U	0.229	U	0.200	U	0.204	U	0.180	U	0.182	U	0.173	U	0.174	U	0.197	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection Limit) but below the RL (Reporting Limt) - Data is estimated

Table 1 - Pesticide Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB10A 3/18/2024 0-2		SB10B 3/18/2024 10-12		SB 14 3/18/2024 0-1		SB 14 Dup 3/18/2024 0-1		SB 15 3/18/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides 8081														
4,4'-DDD	0.0033	92	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
4,4'-DDE	0.0033	62	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
4,4'-DDT	0.0033	47	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Aldrin	0.005	0.68	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
alpha-BHC	0.02	3.4	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
alpha-Chlordane	0.094	24	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
beta-BHC	0.036	3	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Chlordane, total	~	~	0.0346	U	0.0358	U	0.0439	U	0.0394	U	0.0391	U	0.0409	U
delta-BHC	0.04	500	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Dieldrin	0.005	1.4	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Endosulfan I	2.4	200	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Endosulfan II	2.4	200	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Endosulfan sulfate	2.4	200	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Endrin	0.014	89	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Endrin aldehyde	~	~	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Endrin ketone	~	~	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
gamma-BHC (Lindane)	0.1	9.2	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
gamma-Chlordane	~	~	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Heptachlor	0.042	15	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Heptachlor epoxide	~	~	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Methoxychlor	~	~	0.00173	U	0.00179	U	0.00219	U	0.00197	U	0.00196	U	0.00204	U
Toxaphene	~	~	0.173	U	0.179	U	0.219	U	0.197	U	0.196	U	0.204	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection Limit) but below the RL (Reporting Limt) - Data is estimated

Table 1 - TAL Metals Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-1B 12/28/2022 10-12		SB-1C 12/28/2022 18-20		SB-2A 12/28/2022 1-2		SB-2B 12/28/2022 10-12		SB-2C 12/28/2022 18-20		SB-3A 12/28/2022 3-5		SB-3B 12/28/2022 14-16		SB-3C 12/28/2022 18-20		SB-4A 12/28/2022 3-5		SB-4B 12/28/2022 14-16		SB-4C 12/28/2022 18-20		SB-5A 12/28/2022 0-6"		SB-5B 12/28/2022 1-2		SB-5C 12/28/2022 16-18	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
TAL Metals																																
Aluminum	~	~	16,700		23,800		24,400		13,200		25,600		24,100		15,700		24,100		24,400		16,100		25,800		23,100		15,500		14,200		23,400	
Antimony	~	~	5.140		3.900		5.050		4.020		8.320		6.640		5.390		7.080		6		5.020		9.490		3.580		5.130		5.030		5.790	
Arsenic	13	16	9.490		6.050		9.250		3.780		7.560		11.800		7.630		12.500		8.520		5.910		8.870		5.690		5.970		4.970		2.760	
Barium	350	400	63		207		170		48.500		237		199		91		206		203		67.900		198		160		64.600		63.600		187	
Beryllium	7.2	590	0.613		1.280		1.330		0.450		1.490		1.400		0.745		1.320		1.390		0.693		1.580		1.300		0.553		0.668		1.050	
Cadmium	2.5	9.3	0.263	U	0.423		0.368	U	**12**		0.323	U	0.339		1.180		0.370		0.328	U	0.285	U	0.341	U	0.509		0.307	U	0.285	U	0.312	U
Calcium	~	~	2,170		34,700		25,600		2,610		1,780		15,400		11,800		17,300		17,500		16,600		1,580		33,600		4,860		3,360	B	8,370	B
Chromium	~	~	16.300		27.900		28		21.200		30.500		29.900		20.500		29.300		29.100		18.500		32.400		27.500		18.900		15.600		27.700	
Cobalt	~	~	15.200		16.800		18.800		9.080		18.700		17.500		14.600		19.500		18.400		13.700		23.600		18.500		12		12.200		16.900	
Copper	50	270	33.300		37.900		45.700		**121**		45.100		44.500		**72**		39.500		41.600		30.800		**78**		42.800		36.300		37.400		48.900	
Iron	~	~	29,300		37,600		42,500		22,500		42,500		43,400		34,900		42,000		40,100		32,200		46,400		39,200		29,100		26,500		32,200	
Lead	63	1000	27.200		25.600		28.700		49.400		31.400		26.700		**203**		24.200		28.700		22		33.100		26.300		41.500		**112**		25.500	
Magnesium	~	~	8,830		12,300		10,500		6,030		10,700		11,700		8,490		11,200		11,200		10,700		9,960		11,800		8,150		6,070		9,190	
Manganese	1600	10000	1,180		975		740		594		847		602		1,250		747		636		874		967		559		984		469		424	
Nickel	30	310	25.7		**40.3**		**41.4**		25.0		**47.3**		**43.2**		**31.3**		**41.3**		**41.3**		28.6		**50.8**		**36.1**		26.0		24.1		**35.4**	
Potassium	~	~	1,210		3,510		3,800		685		2,850		3,360		1,580		3,790		4,190		1,680		3,120		3,420		1,250		1,040		2,940	
Selenium	3.9	1500	2.190	U	2.630	U	3.060	U	2.220	U	2.690	U	2.660	U	2.340	U	2.680	U	2.740	U	2.370	U	2.840	U	2.740	U	2.560	U	2.370	U	2.600	U
Silver	2	1500	0.442	U	0.530	U	0.618	U	0.906		0.542	U	0.536	U	0.471	U	0.541	U	0.552	U	0.478	U	0.573	U	0.553	U	0.515	U	0.478	U	0.525	U
Sodium	~	~	92.900		187		162		267		113		117		251		138		136		61.400		188		165		51.100	U	92.700		230	
Thallium	~	~	2.190	U	2.630	U	3.060	U	2.220	U	2.690	U	2.660	U	2.470		2.700		2.740	U	2.370	U	2.960		2.740	U	2.560	U	2.530		2.600	U
Vanadium	~	~	14.800		29.700		33		12.400		32.200		31.500		19.400		30.800		31.900		17.600		33.700		29.700		17.600		17.800		29.300	
Zinc	109	10000	75		91.900		106		**115**		101		105		**138**		97.900		102		78.800		**126**		98.200		**124**		103		106	
Mercury	0.18	2.8	0.0316	U	0.0378	U	0.0441	U	0.100		0.0387	U	0.0383	U	0.0430		0.0386	U	0.0394	U	0.0341	U	0.0423		0.0395	U	0.0900		**0.192**		0.0399	
Cyanide, total	27	27	0.526	U	0.631	U	0.736	U	0.534	U	0.645	U	0.638	U	0.561	U	0.644	U	0.657	U	0.569	U	0.682	U	0.658	U	0.613	U	0.569	U	0.625	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

Table 1 - TAL Metals Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-5D 12/28/2022 23-25		SB-6A 12/28/2022 2-4		SB-6B 12/28/2022 10-12		SB-6C 12/28/2022 23-25		SB-7A 12/28/2022 2-4		SB-7B 12/28/2022 9.5-11.5		SB-7C 12/28/2022 18-20		SB-7C Dup 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1		SB9C 3/18/2024 15-18		SB10A 3/18/2024 0-2		SB10B 3/18/2024 10-12		SB 14 3/18/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
TAL Metals																																		
Aluminum	~	~	20,300		16,600		22,900		27,700		17,300		26,300		22,100		25,200		13,100		15,500		18,000		12,600		18,900		16,200		29,700		15,400	
Antimony	~	~	5.680		4.220		8.400		6.140		4.740		7.370		6.110		7.150		2.280	U	2.300	U	2.240	U	2.220	U	2.530	U	2.270	U	2.780	U	2.500	U
Arsenic	13	16	6.290		4.650		5.250		6.870		4.270		6.810		5.380		7.860		5.360		6.390		9.570		7.240		4.900		7.580		11.400		10.400	
Barium	350	400	116		44.700		206		221		44.400		214		241		298		30.800		57.800		65.300		59		146		55.600		228		75.700	
Beryllium	7.2	590	1.020		0.637		1.240		1.570		0.751		1.400		1.240		1.410		0.657		0.531		0.794		0.505		0.877		0.597		1.260		0.622	
Cadmium	2.5	9.3	0.332	U	0.281	U	0.323	U	0.361	U	0.267	U	0.353	U	0.307	U	0.317	U	0.641		0.276	U	0.269	U	0.357		0.304	U	0.272	U	0.333	U	0.300	U
Calcium	~	~	23,800	B	24,200	B	15,200	B	25,400	B	23,600	B	24,800	B	16,600	B	16,100	B	60,800		12,300		13,500		99,000		1,610		27,500		12,600		7,760	
Chromium	~	~	24		24.300		26.300		29		18.300		32.400		26.300		30.500		17.900		17.500		20.800		13.100		23.600		16.100		32.900		17.100	
Cobalt	~	~	17.500		14.200		19.400		20.700		17.700		20.800		17.700		22.900		6.100		7.710		11.200		6		12.100		8.840		14.700		10.600	
Copper	50	270	42.300		47.700		43.300		45		45		49.200		36.200		46.800		31		37.600		**50.500**		23.500		25.800		40		44.300		47.900	
Iron	~	~	37,000		29,900		47,200		43,100		33,600		44,100		34,700		42,000		20,600		24,300		28,800		17,200		23,400		24,600		38,400		27,200	
Lead	63	1000	23.900		32.100		28.700		31		26.800		38		23.600		31.800		37.200		59.800		24.400		13		24.700		24.700		25.800		42.100	
Magnesium	~	~	9,740		21,200		9,190		10,800		16,000		12,100		11,200		13,100		38,300		10,900		10,900		43,100		5,730		17,900		10,400		8,320	
Manganese	1600	10000	689		793		1,150		775		745		1,040		805		1,230		622		884		853		605		234		1,030		778		1,190	
Nickel	30	310	**35.0**		**31.7**		**36.7**		**43.3**		**32.1**		**44.0**		**36.3**		**50.1**		19.700		20.900		28.300		15.300		28.300		22.900		**36.600**		24.700	
Potassium	~	~	3,090		1,210		3,080		4,590		1,300		3,980		3,840		3,900		1,850		2,100		2,060		2,830		2,060		1,950		6,600		1,300	
Selenium	3.9	1500	2.770	U	2.340	U	2.690	U	3	U	2.220	U	2.940	U	2.550	U	2.640	U	2.280	U	**3.920**		3.820		2.220	U	3.440		2.700		**5.410**		3.700	
Silver	2	1500	0.558	U	0.472	U	0.542	U	0.606	U	0.448	U	0.594	U	0.515	U	0.533	U	0.460	U	0.464	U	0.451	U	0.448	U	0.510	U	0.457	U	0.560	U	0.504	U
Sodium	~	~	144		67.300		353		317		137		237		199		221		88.500		67.800		311		153		76.300		69.200		204		50	U
Thallium	~	~	2.960		2.370		3.940		3	U	2.220	U	3.110		2.550	U	3.240		2.280	U	2.300	U	2.240	U	2.220	U	2.530	U	2.270	U	2.780	U	2.500	U
Vanadium	~	~	26.600		20.400		31		36		16.800		36.300		29.800		34.600		19.900		19.900		20.300		18.300		25.800		18.100		36.800		19.500	
Zinc	109	10000	91.900		93.500		104		**131**		84.500		**126**		83.400		**113**		82.500		94.300		87.400		50.800		86		78.800		93.300		**115**	
Mercury	0.18	2.8	0.0399	U	0.0659		0.0455		0.0441		0.0583		0.0613		0.0368	U	0.0381	U	0.0328	U	0.0587		0.0376		0.0320	U	0.167		0.0393		0.0480		0.0706	
Cyanide, total	27	27	0.664	U	0.562	U	0.645	U	0.721	U	0.533	U	2.820		0.613	U	0.635	U	0.547	U	0.553	U	0.537	U	0.534	U	0.607	U	0.544	U	0.667	U	0.600	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

Table 1 - TAL Metals Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB 14 Dup 3/18/2024 0-1		SB 15 3/18/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q
TAL Metals						
Aluminum	~	~	17,000		18,800	
Antimony	~	~	2.480	U	2.590	U
Arsenic	13	16	11.400		10.300	
Barium	350	400	74.100		80.500	
Beryllium	7.2	590	0.551		0.606	
Cadmium	2.5	9.3	0.297	U	0.384	
Calcium	~	~	7,160		5,490	
Chromium	~	~	18.600		19.600	
Cobalt	~	~	10.300		9.980	
Copper	50	270	**50.900**		36.600	
Iron	~	~	30,400		28,600	
Lead	63	1000	36.600		34.500	
Magnesium	~	~	9,420		7,930	
Manganese	1600	10000	1,240		951	
Nickel	30	310	27.400		25	
Potassium	~	~	1,420		1,280	
Selenium	3.9	1500	**5.900**		2.590	U
Silver	2	1500	0.499	U	0.522	U
Sodium	~	~	49.500	U	138	
Thallium	~	~	2.480	U	2.590	U
Vanadium	~	~	20		20.700	
Zinc	109	10000	**113**		102	
Mercury	0.18	2.8	0.0697		0.0832	
Cyanide, total	27	27	0.594	U	0.621	U

NOTES:
ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
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Table 1 - PCB Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-1B 12/28/2022 10-12		SB-1C 12/28/2022 18-20		SB-2A 12/28/2022 1-2		SB-2B 12/28/2022 10-12		SB-2C 12/28/2022 18-20		SB-3A 12/28/2022 3-5		SB-3B 12/28/2022 14-16		SB-3C 12/28/2022 18-20		SB-4A 12/28/2022 3-5		SB-4B 12/28/2022 14-16		SB-4C 12/28/2022 18-20		SB-5A 12/28/2022 0-6"		SB-5B 12/28/2022 1-2		SB-5C 12/28/2022 16-18	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs 8082																																
Aroclor 1016	~	~	0.0175	U	0.0209	U	0.0243	U	0.0177	U	0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1221	~	~	0.0175	U	0.0209	U	0.0243	U	0.0177	U	0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1232	~	~	0.0175	U	0.0209	U	0.0243	U	0.0177	U	0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1242	~	~	0.0175	U	0.0209	U	0.0243	U	0.283		0.0214	U	0.0212	U	0.0183	U	0.212		0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1248	~	~	0.0175	U	0.0209	U	0.0243	U	0.0177	U	0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1254	~	~	0.0175	U	0.0209	U	0.0243	U	0.0177	U	0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1260	~	~	0.0175	U	0.0209	U	0.0243	U	0.0979		0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1260 [2C]	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Aroclor 1262	~	~	0.0175	U	0.0209	U	0.0243	U	0.0177	U	0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Aroclor 1268	~	~	0.0175	U	0.0209	U	0.0243	U	0.0177	U	0.0214	U	0.0212	U	0.0183	U	0.0210	U	0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U
Total PCBs	0.1	1	0.0175	U	0.0209	U	0.0243	U	**0.381**		0.0214	U	0.0212	U	0.0183	U	**0.212**		0.0215	U	0.0185	U	0.0221	U	0.0215	U	0.0198	U	0.0185	U	0.0205	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

Table 1 - PCB Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB-5D 12/28/2022 23-25		SB-6A 12/28/2022 2-4		SB-6B 12/28/2022 10-12		SB-6C 12/28/2022 23-25		SB-7A 12/28/2022 2-4		SB-7B 12/28/2022 9.5-11.5		SB-7C 12/28/2022 18-20		SB-7C Dup 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1		SB9C 3/18/2024 15-18		SB10A 3/18/2024 0-2		SB10B 3/18/2024 10-12		SB 14 3/19/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs 8082																																				
Aroclor 1016	~	~	0.0175	U	0.0216	U	0.0184	U	0.0209	U	0.0236	U	0.0175	U	0.0232	U	0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	0.0221	U	0.0199	U
Aroclor 1221	~	~	0.0175	U	0.0216	U	0.0184	U	0.0209	U	0.0236	U	0.0175	U	0.0232	U	0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	0.0221	U	0.0199	U
Aroclor 1232	~	~	0.0175	U	0.0216	U	0.0184	U	0.0209	U	0.0236	U	0.0175	U	0.0232	U	0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	0.0221	U	0.0199	U
Aroclor 1242	~	~	0.0175	U	0.0216	U	0.0184	U	0.0209	U	0.0236	U	0.0175	U	0.0232	U	0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	0.0221	U	0.0199	U
Aroclor 1248	~	~	0.0175	U	0.0216	U	0.0184	U	0.0590		0.0236	U	0.0175	U	0.198		0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	0.0221	U	0.0199	U
Aroclor 1254	~	~	0.0175	U	0.0216	U	0.0294		0.0209	U	0.0236	U	0.0175	U	0.0232	U	0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	0.0221	U	0.0199	U
Aroclor 1260	~	~	0.0175	U	0.0216	U	0.0184	U	0.0360		0.0236	U	0.0175	U	0.0634		0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	NT		0.0199	U
Aroclor 1260 [2C]	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0423		NT	
Aroclor 1262	~	~	0.0175	U	0.0216	U	0.0184	U	0.0209	U	0.0236	U	0.0175	U	0.0232	U	0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.104		0.0181	U	0.0221	U	0.0199	U
Aroclor 1268	~	~	0.0175	U	0.0216	U	0.0184	U	0.0209	U	0.0236	U	0.0175	U	0.0232	U	0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	0.0199	U	0.0181	U	0.0221	U	0.0199	U
Total PCBs	0.1	1	0.0175	U	0.0216	U	0.0294		0.0950		0.0236	U	0.0175	U	**0.261**		0.0202	U	0.0206	U	0.0182	U	0.0184	U	0.0174	U	0.0176	U	**0.104**		0.0181	U	NT		0.0199	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

Table 1 - PCB Soil Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SB-1A 12/28/2022 1-2		SB 14 Dup 3/20/2024 0-1		SB 15 3/21/2024 0-1	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q
PCBs 8082								
Aroclor 1016	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1221	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1232	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1242	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1248	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1254	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1260	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1260 [2C]	~	~	NT		NT		NT	
Aroclor 1262	~	~	0.0175	U	0.0197	U	0.0206	U
Aroclor 1268	~	~	0.0175	U	0.0197	U	0.0206	U
Total PCBs	0.1	1	0.0175	U	0.0197	U	0.0206	U

NOTES:

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

Table 1 - Rinsate, Field Blank and Trip Blank Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID	Rinsate		Field Blank		Trip Blank		Trip Blank	
Sampling Date	12/28/2022		12/28/2022		12/28/2022		3/18/2024	
Matrix	Water		Water		Water		Water	
Compound	Result	Q	Result	Q	Result	Q	Result	Q
VOCs 8260								
1,1,1,2-Tetrachloroethane	0.216	U	NT		0.216	U	0.216	U
1,1,1-Trichloroethane	0.266	U	NT		0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	0.256	U	NT		0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	U	NT		0.286	U	0.286	U
1,1,2-Trichloroethane	0.249	U	NT		0.249	U	0.249	U
1,1-Dichloroethane	0.272	U	NT		0.272	U	0.272	U
1,1-Dichloroethylene	0.327	U	NT		0.327	U	0.327	U
1,1-Dichloropropylene	0.314	U	NT		0.314	U	0.314	U
1,2,3-Trichlorobenzene	0.222	U	NT		0.222	U	0.222	U
1,2,3-Trichloropropane	0.273	U	NT		0.273	U	0.273	U
1,2,4,5-Tetramethylbenzene	0.255	U	NT		0.255	U	0.255	U
1,2,4-Trichlorobenzene	0.138	U	NT		0.138	U	0.138	U
1,2,4-Trimethylbenzene	0.310	U	NT		0.310	U	0.310	U
1,2-Dibromo-3-chloropropane	0.432	U	NT		0.432	U	0.432	U
1,2-Dibromoethane	0.215	U	NT		0.215	U	0.215	U
1,2-Dichlorobenzene	0.270	U	NT		0.270	U	0.270	U
1,2-Dichloroethane	0.377	U	NT		0.377	U	0.377	U
1,2-Dichloropropane	0.327	U	NT		0.327	U	0.327	U
1,3,5-Trimethylbenzene	0.347	U	NT		0.347	U	0.347	U
1,3-Dichlorobenzene	0.283	U	NT		0.283	U	0.283	U
1,3-Dichloropropane	0.260	U	NT		0.260	U	0.260	U
1,4-Dichlorobenzene	0.311	U	NT		0.311	U	0.311	U
1,4-Dioxane	35.300	U	NT		35.300	U	35.300	U
2,2-Dichloropropane	0.466	U	NT		0.466	U	0.466	U
2-Butanone	3.030		NT		0.421	U	0.421	U
2-Chlorotoluene	0.376	U	NT		0.376	U	0.376	U
2-Hexanone	0.320	U	NT		0.320	U	0.320	U
4-Chlorotoluene	0.311	U	NT		0.311	U	0.311	U
4-Methyl-2-pentanone	0.365	U	NT		0.365	U	0.365	U
Acetone	15.900		NT		1.340	U	1.340	U
Acrolein	0.447	U	NT		0.447	U	0.447	U
Acrylonitrile	0.422	U	NT		0.422	U	0.422	U
Benzene	0.279	U	NT		0.279	U	0.279	U
Bromobenzene	0.367	U	NT		0.367	U	0.367	U
Bromochloromethane	0.354	U	NT		0.354	U	0.354	U
Bromodichloromethane	0.245	U	NT		0.245	U	0.245	U
Bromoform	0.163	U	NT		0.163	U	0.163	U
Bromomethane	0.119	U	NT		0.119	U	0.119	U
Carbon disulfide	0.730		NT		0.362	U	0.362	U
Carbon tetrachloride	0.204	U	NT		0.204	U	0.204	U
Chlorobenzene	0.284	U	NT		0.284	U	0.284	U
Chloroethane	0.448	U	NT		0.448	U	0.448	U
Chloroform	10		NT		0.243	U	0.243	U
Chloromethane	0.372	U	NT		0.372	U	0.372	U
cis-1,2-Dichloroethylene	0.294	U	NT		0.294	U	0.294	U
cis-1,3-Dichloropropylene	0.262	U	NT		0.262	U	0.262	U
Cyclohexane	0.491	U	NT		0.491	U	0.491	U
Dibromochloromethane	0.146	U	NT		0.146	U	0.146	U
Dibromomethane	0.203	U	NT		0.203	U	0.203	U
Dichlorodifluoromethane	0.451	U	NT		0.551	U	0.451	U
Diisopropyl ether (DIPE)	0.466	U	NT		0.466	U	0.466	U
Ethyl Benzene	0.290	U	NT		0.290	U	0.290	U
Ethyl tert-butyl ether (ETBE)	0.479	U	NT		0.479	U	0.479	U
Hexachlorobutadiene	0.241	U	NT		0.241	U	0.241	U
Iodomethane	0.477	U	NT		0.477	U	0.477	U
Isopropylbenzene	0.405	U	NT		0.405	U	0.405	U
Methyl acetate	0.442	U	NT		0.442	U	0.442	U
Methyl Methacrylate	0.415	U	NT		0.415	U	0.415	U
Methyl tert-butyl ether (MTBE)	0.244	U	NT		0.244	U	0.244	U
Methylcyclohexane	0.477	U	NT		0.477	U	0.477	U
Methylene chloride	0.397	U	NT		0.397	U	0.397	U
Naphthalene	0.212	U	NT		0.212	U	0.212	U
n-Butylbenzene	0.399	U	NT		0.399	U	0.399	U
n-Propylbenzene	0.384	U	NT		0.384	U	0.384	U
o-Xylene	0.261	U	NT		0.261	U	0.261	U
p- & m- Xylenes	0.578	U	NT		0.578	U	0.578	U
p-Diethylbenzene	0.341	U	NT		0.341	U	0.341	U
p-Ethyltoluene	0.200	U	NT		0.200	U	0.200	U
p-Isopropyltoluene	0.377	U	NT		0.377	U	0.377	U
sec-Butylbenzene	0.444	U	NT		0.444	U	0.444	U
Styrene	0.255	U	NT		0.255	U	0.255	U
tert-Amyl alcohol (TAA)	4.160	U	NT		4.160	U	4.160	U
tert-Amyl methyl ether (TAME)	0.511	U	NT		0.511	U	0.511	U
tert-Butyl alcohol (TBA)	0.608	U	NT		0.608	U	0.608	U
tert-Butylbenzene	0.367	U	NT		0.367	U	0.367	U
Tetrachloroethylene	0.239	U	NT		0.239	U	0.239	U
Tetrahydrofuran	0.485	U	NT		0.485	U	0.485	U
Toluene	0.360	J	NT		0.346	U	0.346	U
trans-1,2-Dichloroethylene	0.279	U	NT		0.279	U	0.279	U

Table 1 - Rinsate, Field Blank and Trip Blank Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID	Rinsate		Field Blank		Trip Blank		Trip Blank	
Sampling Date	12/28/2022		12/28/2022		12/28/2022		3/18/2024	
Matrix	Water		Water		Water		Water	
Compound	Result	Q	Result	Q	Result	Q	Result	Q
trans-1,3-Dichloropropylene	0.229	U	NT		0.229	U	0.229	U
trans-1,4-dichloro-2-butene	0.283	U	NT		0.283	U	0.283	U
Trichloroethylene	0.249	U	NT		0.249	U	0.249	U
Trichlorofluoromethane	0.337	U	NT		0.337	U	0.337	U
Vinyl acetate	0.477	U	NT		0.477	U	0.477	U
Vinyl Chloride	0.469	U	NT		0.469	U	0.469	U
Xylenes, Total	0.836	U	NT		0.836	U	0.839	U
PFAS, EPA 1633			ug/L					
11CL-PF3OUdS	NT		0.00701	U	NT			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	NT		0.00701	U	NT			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	NT		0.00701	U	NT			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	NT		0.00701	U	NT			
3-Perfluoroheptyl propanoic acid (FHpPA)	NT		0.0219	U	NT			
3-Perfluoropentyl propanoic acid (FPePA)	NT		0.0219	U	NT			
3-Perfluoropropyl propanoic acid (FPrPA)	NT		0.00438	U	NT			
9CL-PF3ONS	NT		0.00701	U	NT			
ADONA	NT		0.00701	U	NT			
HFPO-DA (Gen-X)	NT		0.00701	U	NT			
N-EtFOSA	NT		0.00018	U	NT			
N-EtFOSAA	NT		0.00175	U	NT			
N-EtFOSE	NT		0.0175	U	NT			
N-MeFOSA	NT		0.00175	U	NT			
N-MeFOSAA	NT		0.00175	U	NT			
N-MeFOSE	NT		0.0175	U	NT			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NT		0.00350	U	NT			
Perfluoro-1-decanesulfonic acid (PFDS)	NT		0.00175	U	NT			
Perfluoro-1-heptanesulfonic acid (PFHpS)	NT		0.00175	U	NT			
Perfluoro-1-nonanesulfonic acid (PFNS)	NT		0.00175	U	NT			
Perfluoro-1-octanesulfonamide (FOSA)	NT		0.00175	U	NT			
Perfluoro-1-pentanesulfonate (PFPeS)	NT		0.00175	U	NT			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	NT		0.00350	U	NT			
Perfluoro-4-oxapentanoic acid (PFMPA)	NT		0.00350	U	NT			
Perfluoro-5-oxahexanoic acid (PFMBA)	NT		0.00350	U	NT			
Perfluorobutanesulfonic acid (PFBS)	NT		0.00175	U	NT			
Perfluorodecanoic acid (PFDA)	NT		0.00175	U	NT			
Perfluorododecanesulfonic acid (PFDoS)	NT		0.00175	U	NT			
Perfluorododecanoic acid (PFDoA)	NT		0.00175	U	NT			
Perfluoroheptanoic acid (PFHpA)	NT		0.00175	U	NT			
Perfluorohexanesulfonic acid (PFHxS)	NT		0.00175	U	NT			
Perfluorohexanoic acid (PFHxA)	NT		0.00175	U	NT			
Perfluoro-n-butanoic acid (PFBA)	NT		0.00701	J	NT			
Perfluorononanoic acid (PFNA)	NT		0.00175	U	NT			
Perfluorooctanesulfonic acid (PFOS)	NT		0.00175	U	NT			
Perfluorooctanoic acid (PFOA)	NT		0.00175	U	NT			
Perfluoropentanoic acid (PFPeA)	NT		0.00350	U	NT			
Perfluorotetradecanoic acid (PFTA)	NT		0.00175	U	NT			
Perfluorotridecanoic acid (PFTrDA)	NT		0.00175	U	NT			
Perfluoroundecanoic acid (PFUnA)	NT		0.00175	U	NT			

NOTES:
ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE CU SCO
U=analyte not detected at or above the level indicated
J= Analyte detected at or above the MDL (Method Detection

Table 1 - PFAS Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-April 2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial--April 2023	SB-1A 22L1392-01 12/28/2022 1-2		SB-1B 22L1392-02 12/28/2022 10-12		SB-1C 22L1392-03 12/28/2022 18-20		SB-2A 22L1392-04 12/28/2022 1-2		SB-2B 22L1392-05 12/28/2022 10-12		SB-2C 22L1392-06 12/28/2022 18-20		SB-3A 22L1392-07 12/28/2022 3-5		SB-3B 22L1392-08 12/28/2022 14-16		SB-3C 22L1392-09 12/28/2022 18-20		SB-4A 22L1392-10 12/28/2022 3-5		SB-4B 22L1392-11 12/28/2022 14-16		SB-4C 22L1392-12 12/28/2022 18-20		SB-5A 22L1392-13 12/28/2022 0-6"	
ALL UNITS IN µG/KG (PPB)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633																												
11CL-PF3OUdS	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	~	5.250	U	6.210	U	7.340	U	5.300	U	6.450	U	6.330	U	5.580	U	6.370	U	6.510	U	5.610	U	6.710	U	6.580	U	6.090	U
3-Perfluoropentyl propanoic acid (FPePA)	~	~	5.250	U	6.210	U	7.340	U	5.300	U	6.450	U	6.330	U	5.580	U	6.370	U	6.510	U	5.610	U	6.710	U	6.580	U	6.090	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	~	1.050	U	1.240	U	1.470	U	1.060	U	1.290	U	1.270	U	1.120	U	1.270	U	1.300	U	1.120	U	1.340	U	1.320	U	1.220	U
9CL-PF3ONS	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	U
ADONA	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	U
HFPO-DA (Gen-X)	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	U
N-EtFOSA	~	~	0.210	U	0.248	U	0.356		0.212	U	0.258	U	0.253	U	0.223	U	0.629		0.311		0.224	U	0.268	U	0.470		0.243	U
N-EtFOSAA	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.678		2.370		0.263	U	0.243	U
N-EtFOSE	~	~	2.100	U	2.480	U	2.940	U	2.120	U	2.580	U	2.530	U	2.230	U	2.550	U	2.610	U	2.240	U	2.680	U	2.630	U	2.430	U
N-MeFOSA	~	~	0.420		0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.522		0.255	U	0.261	U	0.279		0.268	U	0.263	U	0.243	U
N-MeFOSAA	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
N-MeFOSE	~	~	2.100	U	2.480	U	2.940	U	2.120	U	2.580	U	2.530	U	2.230	U	2.550	U	2.610	U	2.240	U	2.680	U	2.630	U	2.430	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	~	0.420	U	0.497	U	0.587	U	0.424	U	0.516	U	0.506	U	0.446	U	0.510	U	0.521	U	0.449	U	0.537	U	0.527	U	0.487	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	J	0.268	U	0.263	U	0.243	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	~	0.420	U	0.497	U	0.587	U	0.424	U	0.516	U	0.506	U	0.446	U	0.510	U	0.521	U	0.449	U	0.537	U	0.527	U	0.487	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	~	0.420	U	0.497	U	0.587	U	0.424	U	0.516	U	0.506	U	0.446	U	0.510	U	0.521	U	0.449	U	0.537	U	0.527	U	0.487	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	~	0.420	U	0.497	U	0.587	U	0.424	U	0.516	U	0.506	U	0.446	U	0.510	U	0.521	U	0.449	U	0.537	U	0.527	U	0.487	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluorodecanoic acid (PFDA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluorododecanesulfonic acid (PFDoS)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluorododecanoic acid (PFDoA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluorohexanoic acid (PFHxA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	J
Perfluoro-n-butanoic acid (PFBA)	~	~	0.840	U	0.993	U	1.170	U	0.847	U	1.030	U	1.010	U	0.893	U	1.020	U	1.040	U	0.898	U	1.070	U	1.050	U	0.974	J
Perfluorononanoic acid (PFNA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluorooctanesulfonic acid (PFOS)	0.88	440	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.694		**1.610**		0.263	U	**1.260**	
Perfluorooctanoic acid (PFOA)	0.66	500	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.505	
Perfluoropentanoic acid (PFPeA)	~	~	0.420	U	0.497	U	0.587	U	0.424	U	0.516	U	0.506	U	0.446	U	0.510	U	0.521	U	0.449	U	0.537	U	0.527	U	0.487	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.210	U	0.248	U	0.294	U	0.212	U	0.258	U	0.253	U	0.223	U	0.255	U	0.261	U	0.224	U	0.268	U	0.263	U	0.243	U

Table 1 - PFAS Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-April 2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial--April 2023	SB-5B 22L1392-14 12/28/2022 1-2		SB-5C 22L1392-15 12/28/2022 16-18		SB-5D 22L1392-16 12/28/2022 23-25		SB-6A 22L1392-17 12/28/2022 2-4		SB-6B 22L1392-18 12/28/2022 10-12		SB-6C 22L1392-19 12/28/2022 23-25		SB-7A 22L1392-20 12/28/2022 2-4		SB-7B 22L1392-21 12/28/2022 9.5-11.5		SB-7C 22L1392-22 12/28/2022 18-20		SB-7C Dup 22L1392-23 12/28/2022 18-20		SB8A 3/18/2024 0-2		SB8B 3/18/2024 10-12		SB9A 3/18/2024 0-2		SB9B 3/18/2024 0-1	
ALL UNITS IN µG/KG (PPB)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633																														
11CL-PF3OUdS	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.341	U	0.340	U	0.331	U	0.332	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.827	U	0.825	U	0.803	U	0.806	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.651	U	0.650	U	0.633	U	0.635	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.651	U	0.650	U	0.633	U	0.635	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	~	5.650	U	6.150	U	6.620	U	5.530	U	6.360	U	7.090	U	5.290	U	7.040	U	6.120	U	6.340	U	1.640	U	1.640	U	1.600	U	1.600	U
3-Perfluoropentyl propanoic acid (FPePA)	~	~	5.650	U	6.150	U	6.620	U	5.530	U	6.360	U	7.090	U	5.290	U	7.040	U	6.120	U	6.340	U	2.300	U	2.290	U	2.230	U	2.240	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	~	1.130	U	1.230	U	1.320	U	1.110	U	1.270	U	1.420	U	1.060	U	1.410	U	1.220	U	1.270	U	0.694	U	0.692	U	0.674	U	0.676	U
9CL-PF3ONS	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.269	U	0.269	U	0.262	U	0.262	U
ADONA	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.191	U	0.190	U	0.185	U	0.186	U
HFPO-DA (Gen-X)	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.666	U	0.664	U	0.647	U	0.649	U
N-EtFOSA	~	~	0.226	U	0.246	U	0.265	U	0.412		0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.217	U	0.216	U	0.211	U	0.211	U
N-EtFOSAA	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.212	U	2.550		0.206	U	0.207	U
N-EtFOSE	~	~	2.260	U	2.460	U	2.650	U	2.210	U	2.540	U	2.830	U	2.120	U	2.820	J	2.450	U	2.530	U	0.763	U	0.761	U	0.741	U	0.744	U
N-MeFOSA	~	~	0.226	U	0.246	U	0.265	J	0.221	U	0.254	U	0.283	U	0.212	U	0.522	B	0.245	U	0.253	U	0.197	U	0.197	U	0.191	U	0.192	U
N-MeFOSAA	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.162	U	0.162	U	0.157	U	0.158	U
N-MeFOSE	~	~	2.260	U	2.460	U	2.650	U	2.210	U	2.540	U	2.830	U	2.120	U	2.820	J	2.450	U	2.530	U	0.669	U	0.667	U	0.650	U	0.652	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	~	0.452	U	0.492	U	0.529	U	0.442	U	0.509	U	0.567	U	0.423	U	0.563	U	0.490	U	0.507	U	0.152	U	0.152	U	0.148	U	0.148	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.209	U	0.209	U	0.203	U	0.204	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.170	U	0.169	U	0.165	U	0.165	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.136	U	0.135	U	0.132	U	0.132	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.160	U	0.159	U	0.155	U	0.156	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.172	U	0.171	U	0.167	U	0.168	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	~	0.452	U	0.492	U	0.529	U	0.442	U	0.509	U	0.567	U	0.423	U	0.563	U	0.490	U	0.507	U	0.211	U	0.211	U	0.205	U	0.206	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	~	0.452	U	0.492	U	0.529	U	0.442	U	0.509	U	0.567	U	0.423	U	0.563	U	0.490	U	0.507	U	0.0679	U	0.0677	U	0.0659	U	0.0662	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	~	0.452	U	0.492	U	0.529	U	0.442	U	0.509	U	0.567	U	0.423	U	0.563	U	0.490	U	0.507	U	0.105	U	0.105	U	0.102	U	0.102	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.122	U	0.121	U	0.118	U	0.118	U
Perfluorodecanoic acid (PFDA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.209	U	0.209	U	0.203	U	0.204	U
Perfluorododecanesulfonic acid (PFDoS)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.185	U	0.185	U	0.180	U	0.180	U
Perfluorododecanoic acid (PFDoA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.178	U	0.178	U	0.173	U	0.174	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.115	U	0.115	U	0.112	U	0.112	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.196	U	0.195	U	0.190	U	0.191	U
Perfluorohexanoic acid (PFHxA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.0580	U	0.0579	U	0.0564	U	0.0566	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.904	U	0.984	U	1.060	U	0.884	U	1.020	U	1.130	U	0.847	U	1.130	U	0.979	U	1.010	U	0.119	U	0.119	U	0.116	U	0.116	U
Perfluorononanoic acid (PFNA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.207	U	0.206	U	0.201	U	0.202	U
Perfluorooctanesulfonic acid (PFOS)	0.88	440	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	J	0.245	U	0.253	U	0.183	U	0.232		0.407		0.178	U
Perfluorooctanoic acid (PFOA)	0.66	500	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.188	U	0.188	U	0.183	U	0.184	U
Perfluoropentanoic acid (PFPeA)	~	~	0.452	U	0.492	U	0.529	U	0.442	U	0.509	U	0.567	U	0.423	U	0.563	U	0.490	U	0.507	U	0.119	U	0.119	U	0.116	U	0.116	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.113	U	0.112	U	0.110	U	0.110	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.137	U	0.137	U	0.133	U	0.133	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.226	U	0.246	U	0.265	U	0.221	U	0.254	U	0.283	U	0.212	U	0.282	U	0.245	U	0.253	U	0.217	U	0.216	U	0.211	U	0.211	U

Table 1 - PFAS Soil Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Soil Sample Depth (feet bgs)	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-April 2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial--April 2023	SB9C 3/18/2024 15-18		SB10A 3/18/2024 0-2		SB10B 3/18/2024 10-12		SB 14 24C1134-14 3/18/2024 0-2		SB 14 Dup 24C1134-15 3/18/2024 0-2		SB 15 24C1134-16 3/18/2024 0-2	
ALL UNITS IN µG/KG (PPB)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633														
11CL-PF3OUdS	~	~	0.378	U	0.338	U	0.408	U	0.373	U	0.370	U	0.386	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.917	U	0.821	U	0.991	U	0.905	U	0.898	U	0.938	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	~	0.722	U	0.647	U	0.781	U	0.714	U	0.707	U	0.739	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.722	U	0.647	U	0.781	U	0.714	U	0.707	U	0.739	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	~	1.820	U	1.630	U	1.970	U	1.800	U	1.780	U	1.860	U
3-Perfluoropentyl propanoic acid (FPePA)	~	~	2.550	U	2.280	U	2.750	U	2.520	U	2.490	U	2.610	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	~	0.770	U	0.690	U	0.832	U	0.760	U	0.754	U	0.788	U
9CL-PF3ONS	~	~	0.299	U	0.268	U	0.323	U	0.295	U	0.292	U	0.306	U
ADONA	~	~	0.211	U	0.189	U	0.228	U	0.209	U	0.207	U	0.216	U
HFPO-DA (Gen-X)	~	~	0.738	U	0.661	U	0.798	U	0.729	U	0.723	U	0.755	U
N-EtFOSA	~	~	0.240	U	0.215	U	0.260	U	0.237	U	0.235	U	0.246	U
N-EtFOSAA	~	~	0.274		0.211	U	0.255	U	0.233	U	0.231	U	0.241	U
N-EtFOSE	~	~	0.846	U	0.758	U	0.915	U	0.836	U	0.829	U	0.866	U
N-MeFOSA	~	~	0.219	U	0.196	U	0.236	U	0.216	U	0.214	U	0.224	U
N-MeFOSAA	~	~	0.180	U	0.161	U	0.194	U	0.177	U	0.176	U	0.184	U
N-MeFOSE	~	~	0.742	U	0.665	U	0.802	U	0.733	U	0.726	U	0.759	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	~	0.169	U	0.151	U	0.182	U	0.167	U	0.165	U	0.173	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.232	U	0.208	U	0.251	U	0.229	U	0.227	U	0.237	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.188	U	0.169	U	0.203	U	0.186	U	0.184	U	0.193	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	~	0.151	U	0.135	U	0.163	U	0.149	U	0.147	U	0.154	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.177	U	0.159	U	0.192	U	0.175	U	0.174	U	0.181	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	~	0.191	U	0.171	U	0.206	U	0.188	U	0.187	U	0.195	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	~	0.234	U	0.210	U	0.253	U	0.231	U	0.229	U	0.240	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	~	0.0753	U	0.0674	U	0.0814	U	0.0744	U	0.0737	U	0.0770	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	~	0.117	U	0.104	U	0.126	U	0.115	U	0.114	U	0.119	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.135	U	0.121	U	0.146	U	0.133	U	0.132	U	0.138	U
Perfluorodecanoic acid (PFDA)	~	~	0.232	U	0.208	U	0.251	U	0.229	U	0.227	U	0.237	U
Perfluorododecanesulfonic acid (PFDoS)	~	~	0.205	U	0.184	U	0.222	U	0.203	U	0.201	U	0.210	U
Perfluorododecanoic acid (PFDoA)	~	~	0.198	U	0.177	U	0.214	U	0.195	U	0.194	U	0.202	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.127	U	0.114	U	0.138	U	0.137	J	0.125	U	0.147	J
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.217	U	0.195	U	0.235	U	0.215	U	0.213	U	0.222	U
Perfluorohexanoic acid (PFHxA)	~	~	0.0644	U	0.0576	U	0.0696	U	0.0827	J	0.0630	U	0.133	J
Perfluoro-n-butanoic acid (PFBA)	~	~	0.132	U	0.119	U	0.143	U	0.131	U	0.130	U	0.135	U
Perfluorononanoic acid (PFNA)	~	~	0.229	U	0.206	U	0.248	U	0.257		0.225	U	0.235	U
Perfluorooctanesulfonic acid (PFOS)	0.88	440	0.203	U	0.214		0.219	U	0.867		0.594		**1.540**	
Perfluorooctanoic acid (PFOA)	0.66	500	0.209	U	0.187	U	0.226	U	0.307		0.271		0.455	
Perfluoropentanoic acid (PFPeA)	~	~	0.132	U	0.119	U	0.143	U	0.131	U	0.130	U	0.135	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.125	U	0.112	U	0.135	U	0.124	U	0.122	U	0.128	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.152	U	0.136	U	0.164	U	0.150	U	0.149	U	0.155	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.240	U	0.215	U	0.260	U	0.237	U	0.235	U	0.246	U

NOTES:
ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE CU SCO
U=analyte not detected at or above the level indicated
J= Analyte detected at or above the MDL (Method Detection Limit) but below

Table 2 - VOC Groundwater Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 1/5/2023 Groundwater		MW-1 Dup 1/5/2023 Groundwater		MW-2 1/5/2023 Groundwater		MW-3 1/5/2023 Groundwater		MW-4 1/5/2023 Groundwater		MW-5 1/5/2023 Groundwater		MW-6 1/5/2023 Groundwater		MW-7 1/5/2023 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs 8260																	
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,1-Dichloropropylene	5	0.314	U	0.314	U	0.314	U	0.314	U	0.314	U	0.314	U	0.314	U	0.314	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*
1,2,4,5-Tetramethylbenzene	~	0.255	U	0.255	U	0.255	U	1.830		1.660		0.255	U	0.255	U	0.255	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U
1,2-Dibromo-3-chloropropane	0.04	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*
1,2-Dibromoethane	0.0006	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*
1,2-Dichlorobenzene	3	0.270	U	0.270	U	0.660		1.670		0.400	J	0.270	U	0.270	U	0.270	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.290	J	0.440	J	0.283	U	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U
1,4-Dichlorobenzene	3	0.360	J	0.720		1.400		**7.310**		2.510		0.311	U	0.311	U	0.311	U
1,4-Dioxane	~	35.300	U	35.300	U	35.300	U	35.300	U	35.300	U	35.300	U	35.300	U	35.300	U
2,2-Dichloropropane	5	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U
2-Butanone	50	0.421	U	0.421	U	3.860		0.421	U	0.421	U	0.421	U	0.421	U	0.421	U
2-Chlorotoluene	5	0.376	U	0.376	U	0.376	U	0.376	U	0.376	U	0.376	U	0.376	U	0.376	U
2-Hexanone	50	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U
4-Chlorotoluene	5	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U
Acetone	50	16.500		19.100		39.800		2.260		2.330		1.340	U	1.340	U	1.340	U
Acrolein	~	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U
Acrylonitrile	~	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U
Benzene	1	0.530		0.620		**7.130**		0.820		0.279	U	0.279	U	0.279	U	0.279	U
Bromobenzene	5	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.630		0.245	U
Bromoform	50	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	U	0.119	U	0.119	U	0.119	U	0.119	U	0.119	U	0.119	U	0.119	U
Carbon disulfide	~	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	2.560		4.960		**83.900**		**92.600**		**35.900**		0.284	U	0.284	U	0.420	J
Chloroethane	5	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U
Chloroform	7	0.243	U	0.243	U	0.243	U	0.243	U	0.243	U	0.243	U	4.140		0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U
Cyclohexane	~	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U
Diisopropyl ether (DIPE)	~	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U
Ethyl Benzene	5	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U
Ethyl tert-butyl ether (ETBE)	~	0.479	U	0.479	U	0.479	U	0.479	U	0.479	U	0.479	U	0.479	U	0.479	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U
Iodomethane	~	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U	0.980		0.405	U	0.405	U	0.405	U	0.405	U
Methyl acetate	~	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
Methyl Methacrylate	~	0.415	U	0.415	U	0.415	U	0.415	U	0.415	U	0.415	U	0.415	U	0.415	U
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.244	U	1.600		1.690		0.300	J	0.244	U	0.244	U	1.120	
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U
Naphthalene	10	0.212	U	0.212	U	0.680	J	0.212	U	0.212	U	0.212	U	0.212	U	0.212	U
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.261	U	0.261	U	0.261	U	0.310	J	0.261	U	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U	0.578	U	0.580	J	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U	0.360	J	0.350	J	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U
tert-Amyl alcohol (TAA)	~	4.160	U	4.160	U	4.160	U	4.160	U	4.160	U	4.160	U	4.160	U	4.160	U
tert-Amyl methyl ether (TAME)	~	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U
tert-Butyl alcohol (TBA)	~	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U

Table 2 - VOC Groundwater Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 1/5/2023 Groundwater		MW-1 Dup 1/5/2023 Groundwater		MW-2 1/5/2023 Groundwater		MW-3 1/5/2023 Groundwater		MW-4 1/5/2023 Groundwater		MW-5 1/5/2023 Groundwater		MW-6 1/5/2023 Groundwater		MW-7 1/5/2023 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U
Tetrahydrofuran	~	0.485	U	0.485	U	2.350		1.360		0.850		0.485	U	0.485	U	0.485	U
Toluene	5	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U
trans-1,4-dichloro-2-butene	~	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U
Trichloroethylene	5	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U	0.480	J	0.337	U	0.337	U	0.337	U	0.337	U
Vinyl acetate	~	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.836	U	0.836	U	0.836	U	0.836	U	0.836	U	0.836	U	0.836	U	0.836	U

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT- Not tested. SVOC, pesticide, metals and PCB samples could not be collected from MW-2 based on lack of recharge

Table 2 - VOC Groundwater Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-8 4/11/2024 Groundwater		MW-9 4/11/2024 Groundwater		MW-10 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
VOCs 8260							
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U
1,1-Dichloropropylene	5	0.314	U	0.314	U	0.314	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*
1,2,4,5-Tetramethylbenzene	~	1.490		1.510		0.430	J
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.650		**23.900**		**5.530**	
1,2-Dibromo-3-chloropropane	0.04	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*
1,2-Dibromoethane	0.0006	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*
1,2-Dichlorobenzene	3	0.640		0.280	J	0.270	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	**8.930**		1.740	
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U
1,4-Dichlorobenzene	3	**3.580**		**3.420**		1.060	
1,4-Dioxane	~	*35.300*	*U*	*35.300*	*U*	*35.300*	*U*
2,2-Dichloropropane	5	0.466	U	0.466	U	0.466	U
2-Butanone	50	0.421	U	0.421	U	0.421	U
2-Chlorotoluene	5	0.376	U	0.376	U	0.376	U
2-Hexanone	50	0.320	U	0.320	U	0.320	U
4-Chlorotoluene	5	0.311	U	0.311	U	0.311	U
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U
Acetone	50	1.420	J	1.340	U	1.650	J
Acrolein	~	0.447	U	0.447	U	0.447	U
Acrylonitrile	~	0.422	U	0.422	U	0.422	U
Benzene	1	**9.600**		0.279	U	0.279	U
Bromobenzene	5	0.367	U	0.367	U	0.367	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U
Bromoform	50	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	U	0.119	U	0.119	U
Carbon disulfide	~	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	**91.900**	D	**19**		**10.900**	
Chloroethane	5	0.448	U	0.448	U	0.448	U
Chloroform	7	0.243	U	0.243	U	0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	0.294	U
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U
Cyclohexane	~	1.770		0.491	U	0.491	U
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U
Diisopropyl ether (DIPE)	~	0.466	U	0.466	U	0.466	U
Ethyl Benzene	5	0.390	J	**30.500**		**24**	
Ethyl tert-butyl ether (ETBE)	~	0.479	U	0.479	U	0.479	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U
Iodomethane	~	0.477	U	0.477	U	0.477	U
Isopropylbenzene	5	**6.830**		3.230		0.760	
Methyl acetate	~	0.442	U	0.442	U	0.442	U
Methyl Methacrylate	~	0.415	U	0.415	U	0.415	U
Methyl tert-butyl ether (MTBE)	10	0.460	J	1.270		0.330	J
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U
Naphthalene	10	3.920	B	2.800	B	0.420	JB
n-Butylbenzene	5	0.440	J	4.960		0.760	
n-Propylbenzene	5	3.530		**7.010**		1.470	
o-Xylene	5	0.660		**16**		**10.700**	
p- & m- Xylenes	~	0.690	J	140	D	93.500	
p-Diethylbenzene	~	0.440	J	1.760		0.341	U
p-Ethyltoluene	~	0.200	U	15.500		4.100	
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.490	J	0.530		0.444	U
Styrene	5	0.255	U	0.470	J	0.330	J
tert-Amyl alcohol (TAA)	~	4.160	U	4.160	U	4.160	U
tert-Amyl methyl ether (TAME)	~	0.511	U	0.511	U	0.511	U
tert-Butyl alcohol (TBA)	~	2.180		2.560		0.608	U

Table 2 - VOC Groundwater Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-8 4/11/2024 Groundwater		MW-9 4/11/2024 Groundwater		MW-10 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	0.239	U	0.239	U	0.239	U
Tetrahydrofuran	~	0.485	U	0.580		3.010	
Toluene	5	0.346	U	**13**		**21.300**	
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U
trans-1,4-dichloro-2-butene	~	4.080		4.970		1.290	
Trichloroethylene	5	0.249	U	0.249	U	0.249	U
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U
Vinyl acetate	~	0.477	U	0.477	U	0.477	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	1.350	J	**155**	D	**104**	

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit abo

Q is the Qualifier Column with definitions as f

J=analyte detected at or above the MDL (meth

U=analyte not detected at or above the level ir

B=analyte found in the analysis batch blank

NT- Not tested. SVOC, pesticide, metals and PC

Table 2 - SVOC Groundwater Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 1/5/2023 Groundwater		MW-1 Dup 1/5/2023 Groundwater		MW-2 1/5/2023 Groundwater		MW-3 1/5/2023 Groundwater		MW-4 1/5/2023 Groundwater		MW-5 1/5/2023 Groundwater		MW-6 1/5/2023 Groundwater		MW-7 1/5/2023 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs 8270																	
1,4-Dioxane	~	0.300	U	0.300	U	NT		1.020		0.448		0.300	U	0.300	U	0.300	U
1,1-Biphenyl	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
1,2,4,5-Tetrachlorobenzene	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2,3,4,6-Tetrachlorophenol	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2,4,5-Trichlorophenol	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
2,4,6-Trichlorophenol	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
2,4-Dichlorophenol	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2,4-Dimethylphenol	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2,4-Dinitrophenol	10	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2,4-Dinitrotoluene	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2,6-Dinitrotoluene	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2-Chloronaphthalene	10	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2-Chlorophenol	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
2-Methylnaphthalene	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2-Methylphenol	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
2-Nitroaniline	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
2-Nitrophenol	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
3- & 4-Methylphenols	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
3,3-Dichlorobenzidine	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
3-Nitroaniline	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
4,6-Dinitro-2-methylphenol	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
4-Bromophenyl phenyl ether	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
4-Chloro-3-methylphenol	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
4-Chloroaniline	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
4-Chlorophenyl phenyl ether	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
4-Nitroaniline	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
4-Nitrophenol	1	*5.130*	*U*	*5.130*	*U*	NT		*5.130*	*U*	*5.560*	*U*	*5.130*	*U*	*5.560*	*U*	*5.260*	*U*
Acetophenone	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Benzaldehyde	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Benzyl butyl phthalate	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Bis(2-chloroethoxy)methane	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Bis(2-chloroethyl)ether	1	*1.030*	*U*	*1.030*	*U*	NT		*1.030*	*U*	*1.110*	*U*	*1.030*	*U*	*1.110*	*U*	*1.050*	*U*
Bis(2-chloroisopropyl)ether	5	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Caprolactam	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Carbazole	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Dibenzofuran	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Diethyl phthalate	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Dimethyl phthalate	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Di-n-butyl phthalate	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Di-n-octyl phthalate	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Hexachlorocyclopentadiene	5	*5.130*	*U*	*5.130*	*U*	NT		*5.130*	*U*	*5.560*	*U*	*5.130*	*U*	*5.560*	*U*	*5.260*	*U*
Isophorone	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
N-nitroso-di-n-propylamine	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
N-Nitrosodiphenylamine	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Phenol	1	*2.560*	*U*	*2.560*	*U*	NT		*2.560*	*U*	*2.780*	*U*	*2.560*	*U*	*2.780*	*U*	*2.630*	*U*
Propargite	~	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Pyridine	50	2.560	U	2.560	U	NT		2.560	U	2.780	U	2.560	U	2.780	U	2.630	U
Acenaphthene	20	0.133		0.164		NT		2.030		0.200		0.0513	U	0.0556	U	0.421	
Acenaphthylene	~	0.0513	U	0.0513	U	NT		0.0513	U	0.0556	U	0.0513	U	0.0556	U	0.0526	U
Anthracene	50	0.0513		0.0513		NT		0.185		0.0667		0.0513	U	0.0556	U	0.0526	U
Atrazine	~	0.513	U	0.513	U	NT		0.513	U	0.556	U	0.513	U	0.556	U	0.526	U
Benzo(a)anthracene	0.002	*0.0513*	*U*	**0.0513**		NT		**0.0615**		*0.0556*	*U*	*0.0513*	*U*	*0.0556*	*U*	*0.0526*	*U*
Benzo(a)pyrene	0.002	*0.0513*	*U*	*0.0513*	*U*	NT		*0.0513*	*U*	*0.0556*	*U*	*0.0513*	*U*	*0.0556*	*U*	*0.0526*	*U*
Benzo(b)fluoranthene	0.002	*0.0513*	*U*	*0.0513*	*U*	NT		*0.0513*	*U*	*0.0556*	*U*	*0.0513*	*U*	*0.0556*	*U*	*0.0526*	*U*
Benzo(g,h,i)perylene	~	0.0513	U	0.0513	U	NT		0.0513	U	0.0556	U	0.0513	U	0.0556	U	0.0526	U
Benzo(k)fluoranthene	0.002	*0.0513*	*U*	*0.0513*	*U*	NT		*0.0513*	*U*	*0.0556*	*U*	*0.0513*	*U*	*0.0556*	*U*	*0.0526*	*U*
Bis(2-ethylhexyl)phthalate	5	1.440	B	0.626	B	NT		1.660	B	0.711	B	0.708	B	3.910	B	**7.980**	BD
Chrysene	0.002	*0.0513*	*U*	*0.0513*	*U*	NT		*0.0513*	*U*	*0.0556*	*U*	*0.0513*	*U*	*0.0556*	*U*	*0.0526*	*U*
Dibenzo(a,h)anthracene	~	0.0513	U	0.0513	U	NT		0.0513	U	0.0556	U	0.0513	U	0.0556	U	0.0526	U
Fluoranthene	50	0.0513	U	0.0513	U	NT		0.0821		0.0556	U	0.0513	U	0.0556	U	0.0737	
Fluorene	50	0.113		0.133		NT		0.0513	U	0.200		0.226		0.0556	U	0.0737	
Hexachlorobenzene	0.04	0.0205	U	0.0205	U	NT		0.0205	U	0.0222	U	0.0205	U	0.0222	U	0.0211	U
Hexachlorobutadiene	0.5	*0.513*	*U*	*0.513*	*U*	NT		*0.513*	*U*	*0.556*	*U*	*0.513*	*U*	*0.556*	*U*	*0.526*	*U*
Hexachloroethane	5	0.513	U	0.513	U	NT		0.513	U	0.556	U	0.513	U	0.556	U	0.526	U
Indeno(1,2,3-cd)pyrene	0.002	*0.0513*	*U*	*0.0513*	*U*	NT		*0.0513*	*U*	*0.0556*	*U*	*0.0513*	*U*	*0.0556*	*U*	*0.0526*	*U*
Naphthalene	10	0.174		0.164		NT		0.256		0.189		0.0513	U	0.0556		0.0526	U
Nitrobenzene	0.4	0.256	U	0.256	U	NT		0.256	U	0.278	U	0.256	U	0.278	U	0.263	U
N-Nitrosodimethylamine	~	0.513	U	0.513	U	NT		0.513	U	0.556	U	0.513	U	0.556	U	0.526	U
Pentachlorophenol	1	0.256	U	0.256	U	NT		0.256	U	0.278	U	0.256	U	0.278	U	0.263	U
Phenanthrene	50	0.133		0.164		NT		1.360		0.122		0.0513	U	0.0889		0.0526	U
Pyrene	50	0.0513	U	0.0513	U	NT		0.0513	U	0.0556	U	0.0513	U	0.0556	U	0.0526	

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

D=result is from an analysis that required a dilution

NT- Not tested. SVOC, pesticide, metals and PCB samples could not be collected from MW-2 based on lack of recharge

Table 2 - SVOC Groundwater Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-8 4/11/2024 Groundwater		MW-9 4/11/2024 Groundwater		MW-10 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
SVOCs 8270							
1,4-Dioxane	~	**1.780**		0.304		0.300	U
1,1-Biphenyl	~	2.500	U	2.500	U	2.500	U
1,2,4,5-Tetrachlorobenzene	~	2.500	U	2.500	U	2.500	U
2,3,4,6-Tetrachlorophenol	~	2.500	U	2.500	U	2.500	U
2,4,5-Trichlorophenol	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
2,4,6-Trichlorophenol	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
2,4-Dichlorophenol	5	2.500	U	2.500	U	2.500	U
2,4-Dimethylphenol	50	2.500	U	2.500	U	2.500	U
2,4-Dinitrophenol	10	2.500	U	2.500	U	2.500	U
2,4-Dinitrotoluene	5	2.500	U	2.500	U	2.500	U
2,6-Dinitrotoluene	5	2.500	U	2.500	U	2.500	U
2-Chloronaphthalene	10	2.500	U	2.500	U	2.500	U
2-Chlorophenol	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
2-Methylnaphthalene	~	3.120	J	2.500	U	2.500	U
2-Methylphenol	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
2-Nitroaniline	5	2.500	U	2.500	U	2.500	U
2-Nitrophenol	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
3- & 4-Methylphenols	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
3,3-Dichlorobenzidine	5	2.500	U	2.500	U	2.500	U
3-Nitroaniline	5	2.500	U	2.500	U	2.500	U
4,6-Dinitro-2-methylphenol	~	2.500	U	2.500	U	2.500	U
4-Bromophenyl phenyl ether	~	2.500	U	2.500	U	2.500	U
4-Chloro-3-methylphenol	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
4-Chloroaniline	5	2.500	U	2.500	U	2.500	U
4-Chlorophenyl phenyl ether	~	2.500	U	2.500	U	2.500	U
4-Nitroaniline	5	2.500	U	2.500	U	2.500	U
4-Nitrophenol	1	*5*	*U*	*5*	*U*	*5*	*U*
Acetophenone	~	2.500	U	2.500	U	2.500	U
Benzaldehyde	~	2.500	U	2.500	U	2.500	U
Benzyl butyl phthalate	50	2.500	U	2.500	U	2.500	U
Bis(2-chloroethoxy)methane	5	2.500	U	2.500	U	2.500	U
Bis(2-chloroethyl)ether	1	1	U	1	U	1	U
Bis(2-chloroisopropyl)ether	5	2.500	U	2.500	U	2.500	U
Caprolactam	~	2.500	U	2.500	U	2.500	U
Carbazole	~	2.500	U	2.500	U	2.500	U
Dibenzofuran	~	2.500	U	2.500	U	2.500	U
Diethyl phthalate	50	2.500	U	2.500	U	2.500	U
Dimethyl phthalate	50	2.500	U	2.500	U	2.500	U
Di-n-butyl phthalate	50	2.500	U	2.500	U	2.500	U
Di-n-octyl phthalate	50	2.500	U	2.500	U	2.500	U
Hexachlorocyclopentadiene	5	5	U	5	U	5	U
Isophorone	50	2.500	U	2.500	U	2.500	U
N-nitroso-di-n-propylamine	~	2.500	U	2.500	U	2.500	U
N-Nitrosodiphenylamine	50	2.500	U	2.500	U	2.500	U
Phenol	1	*2.500*	*U*	*2.500*	*U*	*2.500*	*U*
Propargite	~	2.500	U	2.500	U	2.500	U
Pyridine	50	2.500	U	2.500	U	2.500	U
Acenaphthene	20	2.700		2.500		0.780	
Acenaphthylene	~	0.100		0.0700		0.0500	U
Anthracene	50	0.140		0.100		0.0500	
Atrazine	~	0.500	U	0.500	U	0.500	U
Benzo(a)anthracene	0.002	*0.0500*	*U*	*0.0500*	*U*	*0.0500*	*U*
Benzo(a)pyrene	0.002	*0.0500*	*U*	*0.0500*	*U*	*0.0500*	*U*
Benzo(b)fluoranthene	0.002	*0.0500*	*U*	*0.0500*	*U*	*0.0500*	*U*
Benzo(g,h,i)perylene	~	0.0500	U	0.0500	U	0.0500	U
Benzo(k)fluoranthene	0.002	*0.0500*	*U*	*0.0500*	*U*	*0.0500*	*U*
Bis(2-ethylhexyl)phthalate	5	0.680		1.970		0.580	
Chrysene	0.002	*0.0500*	*U*	*0.0500*	*U*	*0.0500*	*U*
Dibenzo(a,h)anthracene	~	0.0500	U	0.0500	U	0.0500	U
Fluoranthene	50	0.0700		0.0500	U	0.0500	U
Fluorene	50	1.480		1.030		0.420	
Hexachlorobenzene	0.04	0.0200	U	0.0200	U	0.0200	U
Hexachlorobutadiene	0.5	0.500	U	0.500	U	0.500	U
Hexachloroethane	5	0.500	U	0.500	U	0.500	U
Indeno(1,2,3-cd)pyrene	0.002	*0.0500*	*U*	*0.0500*	*U*	*0.0500*	*U*
Naphthalene	10	2.820	B	2.480	B	0.250	B
Nitrobenzene	0.4	0.250	U	0.250	U	0.250	U
N-Nitrosodimethylamine	~	0.500	U	0.500	U	0.500	U
Pentachlorophenol	1	0.250	U	0.250	U	0.250	U
Phenanthrene	50	1.080		0.220		0.150	
Pyrene	50	0.0600		0.0500	U	0.0500	U

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit ab

Q is the Qualifier Column with definitions as

J=analyte detected at or above the MDL (met

U=analyte not detected at or above the level

B=analyte found in the analysis batch blank

D=result is from an analysis that required a di

NT- Not tested. SVOC, pesticide, metals and P

Table 2 - Pesticide Groundwater Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 1/5/2023 Groundwater		MW-1 Dup 1/5/2023 Groundwater		MW-2 1/5/2023 Groundwater		MW-3 1/5/2023 Groundwater		MW-4 1/5/2023 Groundwater		MW-5 1/5/2023 Groundwater		MW-6 1/5/2023 Groundwater		MW-7 1/5/2023 Groundwater		MW-8 4/11/2024 Groundwater		MW-9 4/11/2024 Groundwater		MW-10 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides 8081																							
4,4'-DDD	0.3	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
4,4'-DDE	0.2	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
4,4'-DDT	0.2	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Aldrin	~	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
alpha-BHC	0.01	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
alpha-Chlordane	~	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
beta-BHC	0.04	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Chlordane, total	0.05	*0.250*	*U*	*0.211*	*U*	NT		*0.211*	*U*	*0.222*	*U*	*0.211*	*U*	*0.200*	*U*	*0.200*	*U*	*0.202*	*U*	*0.200*	*U*	*0.216*	*U*
delta-BHC	0.04	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Dieldrin	0.004	0.00250	U	0.00211	U	NT		0.00211	U	0.00222	U	0.00211	U	0.00200	U	0.00200	U	0.00202	U	0.00200	U	0.00216	U
Endosulfan I	~	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Endosulfan II	~	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Endosulfan sulfate	~	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Endrin	~	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Endrin aldehyde	5	0.0125	U	0.0105	U	NT		0.0105	U	0.0111	U	0.0105	U	0.0100	U	0.0100	U	0.0101	U	0.0100	U	0.0108	U
Endrin ketone	5	0.0125	U	0.0105	U	NT		0.0105	U	0.0111	U	0.0105	U	0.0100	U	0.0100	U	0.0101	U	0.0100	U	0.0108	U
gamma-BHC (Lindane)	0.05	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
gamma-Chlordane	~	0.0125	U	0.0105	U	NT		0.0105	U	0.0111	U	0.0105	U	0.0100	U	0.0100	U	0.0101	U	0.0100	U	0.0108	U
Heptachlor	0.04	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Heptachlor epoxide	0.03	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Methoxychlor	35	0.00500	U	0.00421	U	NT		0.00421	U	0.00444	U	0.00421	U	0.00400	U	0.00400	U	0.00404	U	0.00400	U	0.00432	U
Toxaphene	0.06	*0.125*	*U*	*0.105*	*U*	NT		*0.105*	*U*	*0.111*	*U*	*0.105*	*U*	*0.100*	*U*	*0.100*	*U*	*0.101*	*U*	*0.100*	*U*	*0.108*	*U*

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

NT- Not tested. SVOC, pesticide, metals and PCB samples could not be collected from MW-2 based on lack of recharge

Table 2 - TAL Metals Groundwater Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 1/5/2023 Groundwater		MW-1 Dup 1/5/2023 Groundwater		MW-2 1/5/2023 Groundwater		MW-3 1/5/2023 Groundwater		MW-4 1/5/2023 Groundwater		MW-5 1/5/2023 Groundwater		MW-6 1/5/2023 Groundwater		MW-7 1/5/2023 Groundwater		MW-8 4/11/2024 Groundwater		MW-9 4/11/2024 Groundwater		MW-10 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
TAL Metals																							
Aluminum	~	55.600	U	55.600	U	NT		172		12,200		62.700		55.600	U	89		130		68		101	
Barium	1000	170		193		NT		488		385		300		110		283		396		432		341	
Calcium	~	106,000		110,000		NT		97,200		93,500		136,000		62,300		161,000		138,000		98,800		110,000	
Chromium	50	5.560	U	5.560	U	NT		5.560	U	15.800		5.560	U	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U
Cobalt	~	4.440	U	4.440	U	NT		4.440	U	13.500		4.440	U	4.440	U	4.440	U	4.440	U	4.440	U	4.440	U
Copper	200	22.200	U	22.200	U	NT		22.200	U	31.100		22.200	U	22.200	U	22.200	U	22.200	U	22.200	U	22.200	U
Iron	~	6,460		8,250		NT		39,200		51,700		10,700		278	U	13,800		25,800		47,000		38,600	
Lead	25	5.560	U	5.560	U	NT		8.800		**42.800**		5.560	U	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U
Magnesium	35000	23,900		24,900		NT		**45,300**		27,300		29,400		13,600		**40,600**		29,900		**36,100**		32,100	
Manganese	300	**3,220**		**3,150**		NT		**448**		**1,790**		**2,170**		**1,850**		**3,340**		**954**		**933**		**1,360**	
Nickel	100	11.100	U	11.100	U	NT		11.100	U	25.100		11.100	U	11.100	U	11.100	U	11.100	U	11.100	U	11.100	U
Potassium	~	1,990	B	2,260	B	NT		8,520	B	6,170	B	4,080	B	1,810	B	1,940	B	4,640		9,980		5,820	
Silver	50	5.560	U	5.560	U	NT		5.560	U	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U
Sodium	20000	**42,500**		**50,500**		NT		**119,000**		**167,000**		**418,000**		**143,000**		**123,000**		**101,000**		**223,000**		**121,000**	B
Vanadium	~	11.100	U	11.100	U	NT		11.100	U	15		11.100	U	11.100	U	11.100	U	11.100	U	11.100	U	11.100	U
Zinc	2000	27.800	U	27.800	U	NT		31.400		114		27.800	U	27.800	U	33.200		34.300		31.600		27.800	U
Antimony	3	1.560		1.440		NT		1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Arsenic	25	1.460		1.500		NT		1.110	U	6.500		3.110		1.110	U	2.160		2.400		1.530		6.390	
Beryllium	3	0.333	U	0.333	U	NT		0.333	U	0.466		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	NT		0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	4.680		3.280		NT		5.780		7.490		4.360		4.790		4.470		1.110	U	1.110	U	1.110	U
Thallium	~	1.110	U	1.110	U	NT		1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Mercury	0.7	0.200	U	0.200	U	NT		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyanide, total	200	10	U	10	U	NT		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U

Notes:
Concentration Detected
Concentration Above AWQS
ITALICS indicate laboratory detection limit above AWQS
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT- Not tested. SVOC, pesticide, metals and PCB samples could not be collected from MW-2 based on lack of recharge

Table 2 - PCB Groundwater Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 1/5/2023 Groundwater		MW-1 Dup 1/5/2023 Groundwater		MW-2 1/5/2023 Groundwater		MW-3 1/5/2023 Groundwater		MW-4 1/5/2023 Groundwater		MW-5 1/5/2023 Groundwater		MW-6 1/5/2023 Groundwater		MW-7 1/5/2023 Groundwater		MW-8 4/11/2024 Groundwater		MW-9 4/11/2024 Groundwater		MW-10 4/11/2024 Groundwater	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs 8082																							
Aroclor 1016	~	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	0.0505	U	0.0500	U	0.0541	U
Aroclor 1221	~	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	0.0505	U	0.0500	U	0.0541	U
Aroclor 1232	~	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	0.116		0.121		0.556	
Aroclor 1242	~	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	0.0505	U	0.0500	U	0.0541	U
Aroclor 1248	~	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	0.0505	U	0.0500	U	0.0541	U
Aroclor 1254	~	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	0.0505	U	0.0500	U	0.0541	U
Aroclor 1260	~	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	0.0505	U	0.0500	U	0.0541	U
Total PCBs	0.09	0.0625	U	0.0526	U	NT		0.0526	U	0.0556	U	0.0526	U	0.0500	U	0.0500	U	**0.116**		**0.121**		**0.556**	

Notes:
Concentration Detected
Concentration Above AWQS
ITALICS indicate laboratory detection limit above
Q is the Qualifier Column with definitions as
U=analyte not detected at or above the level indicated
NT- Not tested. SVOC, pesticide, metals and PCB samples could not be collected from MW-2 based on lack of recharge

Table 2 - Trip Blank Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	Trip Blank 4/11/2024 Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q
VOCs 8260			
1,1,1,2-Tetrachloroethane	5	0.216	U
1,1,1-Trichloroethane	5	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroeth	5	0.286	U
1,1,2-Trichloroethane	1	0.249	U
1,1-Dichloroethane	5	0.272	U
1,1-Dichloroethylene	5	0.327	U
1,1-Dichloropropylene	5	0.314	U
1,2,3-Trichlorobenzene	5	0.222	U
1,2,3-Trichloropropane	0.04	*0.273*	U
1,2,4,5-Tetramethylbenzene	~	0.255	U
1,2,4-Trichlorobenzene	5	0.138	U
1,2,4-Trimethylbenzene	5	0.310	U
1,2-Dibromo-3-chloropropane	0.04	*0.432*	U
1,2-Dibromoethane	0.0006	*0.215*	U
1,2-Dichlorobenzene	3	0.270	U
1,2-Dichloroethane	0.6	0.377	U
1,2-Dichloropropane	1	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U
1,3-Dichlorobenzene	3	0.283	U
1,3-Dichloropropane	5	0.260	U
1,4-Dichlorobenzene	3	0.311	U
1,4-Dioxane	0.35	*35.300*	U
2,2-Dichloropropane	5	0.466	U
2-Butanone	50	0.421	U
2-Chlorotoluene	5	0.376	U
2-Hexanone	50	0.320	U
4-Chlorotoluene	5	0.311	U
4-Methyl-2-pentanone	~	0.365	U
Acetone	50	1.340	U
Acrolein	~	0.447	U
Acrylonitrile	~	0.422	U
Benzene	1	0.279	U
Bromobenzene	5	0.367	U
Bromochloromethane	5	0.354	U
Bromodichloromethane	50	0.245	U
Bromoform	50	0.163	U
Bromomethane	5	0.119	U
Carbon disulfide	~	0.362	U
Carbon tetrachloride	5	0.204	U
Chlorobenzene	5	0.284	U
Chloroethane	5	0.448	U
Chloroform	7	0.243	U
Chloromethane	5	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U
cis-1,3-Dichloropropylene	0.4	0.262	U
Cyclohexane	~	0.491	U
Dibromochloromethane	50	0.146	U
Dibromomethane	~	0.203	U
Dichlorodifluoromethane	5	0.451	U
Diisopropyl ether (DIPE)	~	0.466	U
Ethyl Benzene	5	0.290	U
Ethyl tert-butyl ether (ETBE)	~	0.479	U
Hexachlorobutadiene	0.5	0.241	U
Iodomethane	~	0.477	U
Isopropylbenzene	5	0.405	U
Methyl acetate	~	0.442	U
Methyl Methacrylate	~	0.415	U
Methyl tert-butyl ether (MTBE)	10	0.244	U
Methylcyclohexane	~	0.477	U
Methylene chloride	5	0.510	J
Naphthalene	10	0.270	JB

Table 2 - Trip Blank Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	Trip Blank 4/11/2024 Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q
n-Butylbenzene	5	0.399	U
n-Propylbenzene	5	0.384	U
o-Xylene	5	0.261	U
p- & m- Xylenes	~	0.578	U
p-Diethylbenzene	~	0.341	U
p-Ethyltoluene	~	0.200	U
p-Isopropyltoluene	5	0.377	U
sec-Butylbenzene	5	0.444	U
Styrene	5	0.255	U
tert-Amyl alcohol (TAA)	~	4.160	U
tert-Amyl methyl ether (TAME)	~	0.511	U
tert-Butyl alcohol (TBA)	~	0.608	U
tert-Butylbenzene	5	0.367	U
Tetrachloroethylene	5	0.239	U
Tetrahydrofuran	~	0.485	U
Toluene	5	0.346	U
trans-1,2-Dichloroethylene	5	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U
trans-1,4-dichloro-2-butene	~	0.283	U
Trichloroethylene	5	0.249	U
Trichlorofluoromethane	5	0.337	U
Vinyl acetate	~	0.477	U
Vinyl Chloride	2	0.469	U
Xylenes, Total	5	0.839	U

Notes:
Concentration Detected
Concentration Above AWQS
ITALICS indicate laboratory detection limit above AWQS
Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank

Table 2 - PFAS Groundwater Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Matrix	NYDEC Part 375 PFAS Remedial Program Water April 2023	MW-1 23A0356-01 1/5/2023 Groundwater		MW-1 Dup 23A0356-08 1/5/2023 Groundwater		MW-2 23A0356-02 1/5/2023 Groundwater		MW-3 23A0356-03 1/5/2023 Groundwater		MW-4 23A0356-04 1/5/2023 Groundwater		MW-5 23A0356-05 1/5/2023 Groundwater		MW-6 23A0356-06 1/5/2023 Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633															
11CL-PF3OUdS	100	7.130	U	7.380	U	NT		7.640	U	7.120	U	7.450	U	7.230	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	100	7.130	U	7.380	U	NT		7.640	U	7.120	U	7.450	U	7.230	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	7.130	U	7.380	U	NT		7.640	U	7.120	U	7.450	U	7.230	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	100	7.130	U	7.380	U	NT		7.640	U	7.120	U	7.450	U	7.230	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	22.300	U	23.100	U	NT		23.900	U	22.300	U	23.300	U	22.600	U
3-Perfluoropentyl propanoic acid (FPePA)	~	22.300	U	23.100	U	NT		23.900	J	22.300	U	23.300	U	22.600	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	4.460	U	4.610	U	NT		4.770	J	4.450	U	4.650	U	4.520	U
9CL-PF3ONS	100	7.130	U	7.380	U	NT		7.640	U	7.120	U	7.450	U	7.230	U
ADONA	100	7.130	U	7.380	U	NT		7.640	U	7.120	U	7.450	U	7.230	U
HFPO-DA (Gen-X)	100	7.130	U	7.380	U	NT		7.640	J	7.120	U	7.450	U	7.230	U
N-EtFOSA	~	0.178	U	1.670	B	NT		0.626	B	1.980	B	14	B	0.181	U
N-EtFOSAA	100	1.780	U	1.850	J	NT		19.400		19.200		1.860	U	1.810	U
N-EtFOSE	~	17.800	U	18.500	U	NT		19.100	J	17.800	J	18.600	U	18.100	U
N-MeFOSA	~	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
N-MeFOSAA	100	1.780	U	1.850	U	NT		3.120		1.780	U	1.860	U	1.810	U
N-MeFOSE	~	17.800	U	18.500	U	NT		19.100	U	17.800	U	18.600	U	18.100	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	3.560	U	3.690	U	NT		3.820	U	3.560	U	3.720	U	3.620	U
Perfluoro-1-decanesulfonic acid (PFDS)	100	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	100	1.780	U	1.850	U	NT		6.050		2.050		1.860	U	1.810	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
Perfluoro-1-octanesulfonamide (FOSA)	100	1.780	U	1.850	J	NT		1.910	U	1.780	U	1.860	U	1.810	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	1.780	U	1.850	U	NT		3.360		1.780	J	1.860	U	1.810	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	3.560	U	3.690	U	NT		3.820	U	3.560	U	3.720	U	3.620	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	3.560	U	3.690	U	NT		3.820	U	3.560	U	3.720	U	3.620	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	3.560	U	3.690	U	NT		3.820	U	3.560	U	3.720	U	3.620	U
Perfluorobutanesulfonic acid (PFBS)	100	6.290		6.570		NT		5.720		2.810		2.630		1.810	J
Perfluorodecanoic acid (PFDA)	100	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
Perfluorododecanesulfonic acid (PFDoS)	~	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
Perfluorododecanoic acid (PFDoA)	100	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
Perfluoroheptanoic acid (PFHpA)	100	3.400		2.600		NT		9.440		3.910		2.160		1.810	J
Perfluorohexanesulfonic acid (PFHxS)	100	2.130		1.850	J	NT		17.600		6.780		1.860	J	1.810	J
Perfluorohexanoic acid (PFHxA)	100	9.100		8.160		NT		12.300		8		3.600		1.810	J
Perfluoro-n-butanoic acid (PFBA)	100	7.130	J	7.380	J	NT		11.600		8.090		7.450	J	7.230	J
Perfluorononanoic acid (PFNA)	100	1.780	J	1.850	J	NT		1.910	J	1.780	J	1.860	J	1.810	U
Perfluorooctanesulfonic acid (PFOS)	2.7	**14.200**		**15.400**		NT		**160**		**75.500**		**7.630**		2.640	
Perfluorooctanoic acid (PFOA)	6.7	**7.270**		**8.330**		NT		**42.500**		**16.100**		4.580		1.810	J
Perfluoropentanoic acid (PFPeA)	100	8.540		7.740		NT		8.010		8.990		4.250		3.620	J
Perfluorotetradecanoic acid (PFTA)	100	1.780	U	1.850	U	NT		1.910	J	1.780	U	1.860	U	1.810	U
Perfluorotridecanoic acid (PFTrDA)	100	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
Perfluoroundecanoic acid (PFUnA)	100	1.780	U	1.850	U	NT		1.910	U	1.780	U	1.860	U	1.810	U
Taurochenodeoxycholic Acid (TCDCA)	~	NT		NT		NT		NT		NT		NT		NT	
Taurodeoxycholic Acid (TDCA)	~	NT		NT		NT		NT		NT		NT		NT	
Tauroursodeoxycholic Acid (TUDCA)	~	NT		NT		NT		NT		NT		NT		NT	

Notes:
Concentration Detected
Concentration Above Part 375 Guidance
ITALICS indicate laboratory detection
Q is the Qualifier Column with
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
D=result is from an analysis that
NT- Not tested. PFAS sample could not be collected from MW-2 based on lack of recharge

Table 2 - PFAS Groundwater Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Matrix	NYDEC Part 375 PFAS Remedial Program Water April 2023	MW-7 23A0356-07 1/5/2023 Groundwater		MW-8 24D0867-01 4/11/2024 Groundwater		MW-9 24D0867-02 4/11/2024 Groundwater		MW-10 24D0867-03 4/11/2024 Groundwater	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)		Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633									
11CL-PF3OUdS	100	7.270	U	1.370	U	1.310	U	1.410	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	100	7.270	U	2.040	U	1.950	U	2.100	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	7.270	U	1.780	U	1.700	U	1.830	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	100	7.270	U	1.060	U	3.450	J	1.090	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	22.700	U	9.430	U	9.010	U	9.700	U
3-Perfluoropentyl propanoic acid (FPePA)	~	22.700	U	7.300	U	13	J	7.510	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	4.540	U	2.020	U	1.930	U	2.080	U
9CL-PF3ONS	100	7.270	U	0.697	U	0.666	U	0.717	U
ADONA	100	7.270	U	0.528	U	0.504	U	0.543	U
HFPO-DA (Gen-X)	100	7.270	U	3.220	U	3.070	U	3.310	U
N-EtFOSA	~	0.683	B	1.790	U	1.710	U	1.840	U
N-EtFOSAA	100	3.190		18.800		11.600		13.500	
N-EtFOSE	~	18.200	U	3.970	U	3.800	U	4.090	U
N-MeFOSA	~	1.820	U	1.570	U	1.500	U	1.620	U
N-MeFOSAA	100	1.820	U	1.860	J	0.799	J	1.270	J
N-MeFOSE	~	18.200	U	3.970	U	3.800	U	4.090	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	3.630	U	0.498	U	0.476	U	0.512	U
Perfluoro-1-decanesulfonic acid (PFDS)	100	1.820	U	1.310	U	1.260	U	1.350	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	100	1.820	U	1.550	J	1.720	J	1.820	J
Perfluoro-1-nonanesulfonic acid (PFNS)	~	1.820	U	0.857	U	0.818	U	0.881	U
Perfluoro-1-octanesulfonamide (FOSA)	100	1.820	J	0.877	U	0.905	J	1	J
Perfluoro-1-pentanesulfonate (PFPeS)	~	1.820	U	1.350	J	1.360	J	0.781	J
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	3.630	U	2.130	U	2.040	U	2.190	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	3.630	U	0.249	U	0.238	U	0.256	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	3.630	U	0.369	U	0.352	U	0.379	U
Perfluorobutanesulfonic acid (PFBS)	100	1.820	J	3.490		3.630		0.913	J
Perfluorodecanoic acid (PFDA)	100	1.820	U	0.747	U	0.880	J	0.768	U
Perfluorododecanesulfonic acid (PFDoS)	~	1.820	U	0.926	U	0.885	U	0.953	U
Perfluorododecanoic acid (PFDoA)	100	1.820	U	0.877	U	0.837	U	0.902	U
Perfluoroheptanoic acid (PFHpA)	100	1.820	J	3.510		12.400		7.520	
Perfluorohexanesulfonic acid (PFHxS)	100	1.820	J	5.200		6.570		3.730	
Perfluorohexanoic acid (PFHxA)	100	2.770		7.170		13.600		19.200	
Perfluoro-n-butanoic acid (PFBA)	100	7.270	J	24.400		25.500		16.800	
Perfluorononanoic acid (PFNA)	100	1.820	U	1.470	J	2.380		3.060	
Perfluorooctanesulfonic acid (PFOS)	2.7	**6.610**		**69.700**		**68.100**		**48.100**	
Perfluorooctanoic acid (PFOA)	6.7	4.860		**20.300**		**44.300**		**29.700**	
Perfluoropentanoic acid (PFPeA)	100	3.630	J	5.650		13.500		19.800	
Perfluorotetradecanoic acid (PFTA)	100	1.820	U	0.687	U	0.656	U	0.707	U
Perfluorotridecanoic acid (PFTrDA)	100	1.820	U	0.737	U	0.704	U	0.758	U
Perfluoroundecanoic acid (PFUnA)	100	1.820	U	1.130	U	1.070	U	1.160	U
Taurochenodeoxycholic Acid (TCDCA)	~	NT		0	U	0	U	0	U
Taurodeoxycholic Acid (TDCA)	~	NT		0	U	0	U	0	U
Tauroursodeoxycholic Acid (TUDCA)	~	NT		0	U	0	U	0	U

Notes:
Concentration Detected
Concentration Above Part 375 Guidance
ITALICS indicate laboratory detection
Q is the Qualifier Column with
J=analyte detected at or above the MDL (method dete
U=analyte not detected at or above the level indicatec
B=analyte found in the analysis batch blank
D=result is from an analysis that
NT- Not tested. PFAS sample could not be collected fr

Table 3 - Exterior Soil Gas Data (2017)
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID Sampling Date Matrix	SG-1 1/26/2017 Soil Vapor		SG-3 1/26/2017 Soil Vapor	
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m^3)	Result	Q	Result	Q
VOCs EPA TO-15				
1,1,1,2-Tetrachloroethane	12	U	12	U
1,1,1-Trichloroethane	9.200	U	9.200	U
1,1,2,2-Tetrachloroethane	12	U	12	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13	U	13	U
1,1,2-Trichloroethane	9.200	U	9.200	U
1,1-Dichloroethane	6.800	U	6.800	U
1,1-Dichloroethylene	6.700	U	6.700	U
1,2,4-Trichlorobenzene	12	U	12	U
1,2,4-Trimethylbenzene	56	D	630	D
1,2-Dibromoethane	13	U	13	U
1,2-Dichlorobenzene	10	U	10	U
1,2-Dichloroethane	6.800	U	6.800	U
1,2-Dichloropropane	7.800	U	7.800	U
1,2-Dichlorotetrafluoroethane	1,200	D	5,800	D
1,3,5-Trimethylbenzene	44	D	340	D
1,3-Butadiene	11	U	11	U
1,3-Dichlorobenzene	10	U	10	U
1,3-Dichloropropane	7.800	U	7.800	U
1,4-Dichlorobenzene	10	U	110	D
1,4-Dioxane	12	U	12	U
2-Butanone	42	D	110	D
2-Hexanone	14	U	14	U
3-Chloropropene	26	U	26	U
4-Methyl-2-pentanone	6.900	U	6.900	U
Acetone	110	D	80	D
Acrylonitrile	3.600	U	3.600	U
Benzene	5,800	D	290	D
Benzyl chloride	8.700	U	8.700	U
Bromodichloromethane	11	U	11	U
Bromoform	17	U	17	U
Bromomethane	6.500	U	6.500	U
Carbon disulfide	1,300	D	190	D
Carbon tetrachloride	2.600	U	2.600	U
Chlorobenzene	2,800	D	920	D
Chloroethane	4.400	U	4.400	U
Chloroform	8.200	U	8.200	U
Chloromethane	3.500	U	3.500	U
cis-1,2-Dichloroethylene	6.700	U	340	D
cis-1,3-Dichloropropylene	7.600	U	7.600	U
Cyclohexane	8,100	D	95	D
Dibromochloromethane	14	U	14	U
Dichlorodifluoromethane	510	D	1,900	D
Ethyl acetate	12	U	12	U
Ethyl Benzene	260	D	8,600	D
Hexachlorobutadiene	18	U	18	U
Isopropanol	8.300	U	8.300	U
Methyl Methacrylate	6.900	U	6.900	U
Methyl tert-butyl ether (MTBE)	6.100	U	6.100	U
Methylene chloride	12	U	12	U
n-Heptane	6,600	D	510	D
n-Hexane	4,900	D	56	D
o-Xylene	38	D	4,300	D
p- & m- Xylenes	230	D	22,000	D
p-Ethyltoluene	35	D	800	D
Propylene	2.900	U	4,300	DE
Styrene	7.200	U	7.200	U
SURR: p-Bromofluorobenzene	0		NT	
Tetrachloroethylene	5.700	D	110	D
Tetrahydrofuran	9.900	U	9.900	U
Toluene	110	D	14,000	D
trans-1,2-Dichloroethylene	6.700	U	25	D
trans-1,3-Dichloropropylene	7.600	U	7.600	U
Trichloroethylene	2.300	U	82	D
Trichlorofluoromethane (Freon 11)	9.400	U	9.400	U
Vinyl acetate	5.900	U	5.900	U
Vinyl bromide	7.300	U	7.300	U
Vinyl Chloride	4.300	U	750	D
Methane (%)				
Methane	0.61	D	62	D
Methane (ppmv)				
Methane	6,100	D	620,000	D

Notes:
ANALYTE DETECTED
Q is the Qualifier Column with
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
µg/m^3 - micrograms per cubic meter
ppmv - parts per million by volume
% Methane expressed in % by volume by: ppm/10,000

Table 3 - Exterior Soil Gas Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID	SV-1R		SV-2		SV-3		SV-4		SV-5		SV-6		SV-7		AO	
Sampling Date	1/5/2023		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022	
Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
ALL UNITS IN MICROGRAMS/ CUBIC METER ($\mu g/m^3$)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO-15																
1,1,1,2-Tetrachloroethane	1.300	U	12	U	6.100	U	1.400	U	1.300	U	0.860	U	11	U	0.560	U
1,1,1-Trichloroethane	1	U	9.200	U	4.800	U	1.100	U	0.990	U	0.680	U	8.700	U	0.450	U
1,1,2,2-Tetrachloroethane	1.300	U	12	U	6.100	U	1.400	U	1.300	U	0.860	U	11	U	0.560	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.400	U	13	U	6.800	U	1.500	U	1.400	U	0.960	U	12	U	0.630	U
1,1,2-Trichloroethane	1	U	9.200	U	4.800	U	1.100	U	0.990	U	0.680	U	8.700	U	0.450	U
1,1-Dichloroethane	0.740	U	6.800	U	3.600	U	0.800	U	0.740	U	0.510	U	6.400	U	0.330	U
1,1-Dichloroethylene	0.180	U	1.700	U	0.880	U	0.200	U	0.180	U	0.120	U	1.600	U	0.0820	U
1,2,4-Trichlorobenzene	1.400	U	25	U	13	U	2.900	U	2.700	U	1.900	U	24	U	1.200	U
1,2,4-Trimethylbenzene	2.200	D	120	D	6.500	D	3.400	D	2.900	D	0.620	U	7.800	U	0.400	U
1,2-Dibromoethane	1.400	U	13	U	6.800	U	1.500	U	1.400	U	0.960	U	12	U	0.630	U
1,2-Dichlorobenzene	1.100	U	16	D	5.300	U	1.200	U	1.100	U	0.750	U	9.600	U	0.490	U
1,2-Dichloroethane	0.740	U	6.800	U	3.600	U	0.800	U	0.740	U	0.510	U	6.400	U	0.330	U
1,2-Dichloropropane	0.840	U	7.800	U	4.100	U	0.910	U	0.840	U	0.580	U	7.400	U	0.380	U
1,2-Dichlorotetrafluoroethane	390	D	970	D	6.200	U	1.400	U	1.300	U	0.880	U	39	D	0.580	U
1,3,5-Trimethylbenzene	0.900	J	130	D	4.400	J	1.100	D	0.900	D	0.620	U	7.800	U	0.400	U
1,3-Butadiene	2.500	D	11	U	5.900	U	1.300	J	1.200	J	1.200	D	11	U	0.550	U
1,3-Dichlorobenzene	1.100	U	10	U	5.300	U	1.200	U	1.100	U	0.750	U	9.600	U	0.490	U
1,3-Dichloropropane	0.840	U	7.800	U	4.100	U	0.910	U	0.840	U	0.580	U	7.400	U	0.380	U
1,4-Dichlorobenzene	1.100	U	67	D	5.300	U	1.200	U	1.100	U	0.750	U	9.600	U	0.490	U
1,4-Dioxane	1.300	U	12	U	6.400	U	1.400	U	1.300	U	0.900	U	11	U	0.590	U
2-Butanone	16	D	25	D	22	D	97	D	99	D	7.100	D	28	D	1.500	D
2-Hexanone	1.600	D	14	U	7.300	U	9.400	D	7.600	D	1	U	13	U	0.670	U
3-Chloropropene	2.900	U	26	U	14	U	3.100	U	2.900	U	2	U	25	U	1.300	U
4-Methyl-2-pentanone	0.750	U	6.900	U	3.600	U	0.810	U	0.750	U	0.510	U	6.500	U	0.340	U
Acetone	27	D	93	D	99	D	92	D	90	D	14	D	54	D	7.900	D
Acrylonitrile	0.400	U	3.700	U	1.900	U	0.430	U	0.400	U	0.270	U	3.500	U	0.180	U
Benzene	1.700	D	3,200	D	4.800	D	1.100	D	0.580	U	9.900	D	5.100	U	0.530	D
Benzyl chloride	0.950	U	17	U	9.200	U	2	U	1.900	U	1.300	U	16	U	0.850	U
Bromodichloromethane	1.200	U	11	U	5.900	U	1.300	J	1.200	U	0.840	U	11	U	0.550	U
Bromoform	1.900	U	17	U	9.200	U	2	U	1.900	U	1.300	U	16	U	0.850	U
Bromomethane	0.710	U	6.500	U	3.400	U	0.770	U	0.710	U	0.490	U	6.200	U	0.320	U
Carbon disulfide	3	D	260	D	59	D	0.860	D	1.500	D	5.300	D	5	U	0.260	U
Carbon tetrachloride	0.290	U	2.600	U	1.400	U	0.310	U	0.290	U	0.320	D	2.500	U	0.360	D
Chlorobenzene	0.840	U	2,500	D	4.100	U	0.910	U	0.840	U	0.580	U	7.300	U	0.380	U
Chloroethane	0.480	U	4.400	U	2.300	U	0.520	U	0.480	U	0.330	U	4.200	U	0.220	U
Chloroform	0.890	U	8.200	U	4.300	U	7.600	D	2.800	D	0.610	U	7.800	U	0.400	U
Chloromethane	0.380	U	3.500	U	4.200	D	0.410	U	0.380	U	0.800	D	3.300	U	1.200	D
cis-1,2-Dichloroethylene	0.180	U	1.700	U	4.900	D	0.200	U	0.180	U	0.120	U	7.600	D	0.0820	U
cis-1,3-Dichloropropylene	0.830	U	7.600	U	4	U	0.890	U	0.830	U	0.570	U	7.200	U	0.370	U
Cyclohexane	32	D	6,700	D	18	D	0.680	U	0.630	U	1.900	D	2,400	D	0.280	U
Dibromochloromethane	1.600	U	14	U	7.600	U	1.700	U	1.600	U	1.100	U	14	U	0.700	U
Dichlorodifluoromethane	31	D	180	D	4.400	U	2	D	2.700	D	2	D	7.900	U	2.300	D
Ethyl acetate	1.300	U	12	U	6.400	U	1.400	U	1.300	U	0.900	U	11	U	0.590	J
Ethyl Benzene	1.600	D	39	D	25	D	3.700	D	3.500	D	0.540	D	21	D	0.360	U
Hexachlorobutadiene	1.900	U	18	U	9.500	U	2.100	U	1.900	U	1.300	U	17	U	0.880	U
Isopropanol	7.700	BD	8.300	U	4.400	U	0.970	U	1.400	D	0.620	U	7.800	U	4.500	D
Methyl Methacrylate	0.750	J	6.900	U	3.600	U	0.810	U	0.750	U	0.510	U	6.500	U	0.340	U
Methyl tert-butyl ether (MTBE)	0.660	U	6.100	U	3.200	U	0.710	U	0.660	U	0.450	U	5.700	U	0.300	U
Methylene chloride	1.300	J	12	U	6.200	J	1.400	J	1.300	J	0.870	J	11	J	0.630	D
n-Heptane	3.400	D	3,100	D	48	D	2.200	D	1.300	D	2	D	1,700	D	0.340	J
n-Hexane	10	D	4,500	D	1,200	D	26	D	2.100	D	93	D	5.600	U	0.520	D
o-Xylene	2	D	64	D	8.500	D	2.700	D	2.700	D	0.540	J	37	D	0.360	J
p- & m- Xylenes	3.700	D	210	D	27	D	7.400	D	7.300	D	1.100	J	54	D	0.710	U
p-Ethyltoluene	1.400	D	8.300	U	7.400	D	4.100	D	3.600	D	0.620	U	7.800	U	0.400	U
Propylene	28	D	2.900	U	1.500	U	0.340	U	25	D	58	D	2.700	U	0.140	U
Styrene	0.780	J	7.200	U	3.800	U	0.840	U	0.780	U	0.530	U	6.800	U	0.350	U
Tetrachloroethylene	9.800	D	24	D	30	D	13	D	7.200	D	0.850	J	11	J	0.560	J
Tetrahydrofuran	1.100	U	9.900	U	5.200	U	1.200	U	1.100	U	2.500	D	9.400	U	3.200	D
Toluene	3.700	D	46	D	21	D	38	D	41	D	6	D	190	D	8	D
trans-1,2-Dichloroethylene	0.720	U	6.700	U	3.500	U	0.780	U	0.720	U	0.500	U	6.300	U	0.330	U
trans-1,3-Dichloropropylene	0.830	U	7.600	U	4	U	0.890	U	0.830	U	0.570	U	7.200	U	0.370	U
Trichloroethylene	0.250	U	27	D	1.200	U	0.950	D	0.240	U	0.170	U	2.100	U	0.110	U
Trichlorofluoromethane (Freon 11)	1.400	D	9.500	U	5	U	1.100	J	3.300	D	0.990	D	8.900	U	1.200	D
Vinyl acetate	0.640	U	5.900	U	3.100	U	0.690	U	0.640	U	0.440	U	5.600	U	0.290	U
Vinyl bromide	0.800	U	7.400	U	3.900	U	0.860	U	0.800	U	0.550	U	7	U	0.360	U
Vinyl Chloride	0.230	U	78	D	2.300	D	0.250	U	0.230	U	0.160	U	2	U	0.110	U
Methane (%)																
Methane	0.8	D	170	D	4	D	0.1	D	0.0	D	0.0	D	0.0	D	0.0	U
Methane (ppmv)																
Methane	7,710	D	1,700,000	D	41,400	D	772	D	57	D	43	D	110	D	15	U

Notes:

ANALYTE DETECTED

Q is the Qualifier Column with

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

B=analyte found in the

$\mu g/m^3$ - micrograms per cubic meter

ppmv - parts per million by volume

% Methane expressed in % by volume by: ppm/10,000

Table 4 - Interior Sub-Slab Soil Gas Data (2017)
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID **Sampling Date** **Matrix**	**Soil Gas SG-2** **1/26/2017** **SSSV**	
UNITS IN MICROGRAMS/ CUBIC METER ($\mu g/m^3$)	Result	Q
VOCs EPA TO-15		
1,1,1,2-Tetrachloroethane	12	U
1,1,1-Trichloroethane	9.200	U
1,1,2,2-Tetrachloroethane	12	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13	U
1,1,2-Trichloroethane	9.200	U
1,1-Dichloroethane	6.800	U
1,1-Dichloroethylene	6.700	U
1,2,4-Trichlorobenzene	12	U
1,2,4-Trimethylbenzene	12	D
1,2-Dibromoethane	13	U
1,2-Dichlorobenzene	10	U
1,2-Dichloroethane	6.800	U
1,2-Dichloropropane	7.800	U
1,2-Dichlorotetrafluoroethane	910	D
1,3,5-Trimethylbenzene	8.300	U
1,3-Butadiene	11	U
1,3-Dichlorobenzene	10	U
1,3-Dichloropropane	7.800	U
1,4-Dichlorobenzene	10	U
1,4-Dioxane	12	U
2-Butanone	6.900	D
2-Hexanone	14	U
3-Chloropropene	26	U
4-Methyl-2-pentanone	6.900	U
Acetone	73	D
Acrylonitrile	3.600	U
Benzene	14	D
Benzyl chloride	8.700	U
Bromodichloromethane	11	U
Bromoform	17	U
Bromomethane	6.500	U
Carbon disulfide	5.200	D
Carbon tetrachloride	2.600	U
Chlorobenzene	18	D
Chloroethane	4.400	U
Chloroform	8.200	U
Chloromethane	3.500	U
cis-1,2-Dichloroethylene	32	D
cis-1,3-Dichloropropylene	7.600	U
Cyclohexane	150	D
Dibromochloromethane	14	U
Dichlorodifluoromethane	110	D
Ethyl acetate	12	U
Ethyl Benzene	7.300	U
Hexachlorobutadiene	18	U
Isopropanol	8.300	U
Methyl Methacrylate	6.900	U
Methyl tert-butyl ether (MTBE)	21	D
Methylene chloride	12	U
n-Heptane	11	D
n-Hexane	16	D
o-Xylene	8	D
p- & m- Xylenes	15	D
p-Ethyltoluene	9.900	D
Propylene	2.900	U
Styrene	7.200	U
SURR: p-Bromofluorobenzene	NT	
Tetrachloroethylene	41	D
Tetrahydrofuran	9.900	U
Toluene	12	D
trans-1,2-Dichloroethylene	6.700	U
trans-1,3-Dichloropropylene	7.600	U
Trichloroethylene	31	D
Trichlorofluoromethane (Freon 11)	9.400	U
Vinyl acetate	5.900	U
Vinyl bromide	7.300	U
Vinyl Chloride	12	D
Methane (%)		
Methane	25	D
Methane (ppmv)		
Methane	250,000	D

Notes:
ANALYTE DETECTED
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
B=analyte found in the analysis batch blank
U=analyte not detected at or above the level indicated
SSSV= Sub-slab soil vapor
$\mu g/m^3$ - micrograms per cubic meter
ppmv - parts per million by volume
% Methane expressed in % by volume by: ppm/10,000

Table 4 - Interior Sub-Slab Soil Gas Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID	SG-1		SG-2		SG-3		SG-4		SG-5		SG-6		SG-7		SG-8		SG-9		SG-10		SG-11	
York ID	22L1391-01		22L1391-03		22L1391-05		22L1391-07		22L1391-09		22L1391-11		22L1391-13		22L1391-15		22L1391-17		22L1391-19		23A0328-01	
Sampling Date	12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022	
Matrix	SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV	
UNITS IN MICROGRAMS/ CUBIC METER ($\mu g/m^3$)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs TO-15																						
1,1,1,2-Tetrachloroethane	1.200	U	0.940	U	1.100	U	1.200	U	2.300	U	2.500	U	1.400	U	13	U	12	U	5.700	U	12	U
1,1,1-Trichloroethane	0.960	U	0.740	U	0.910	U	0.970	U	1.800	U	1.900	U	1.100	U	10	U	9.700	U	4.500	U	9.700	U
1,1,2,2-Tetrachloroethane	1.200	U	0.940	U	1.100	U	1.600	D	2.300	D	2.500	D	3.100	D	13	U	12	U	5.700	U	12	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.400	U	1	U	1.300	U	1.400	U	2.600	U	2.700	U	1.600	U	14	U	14	U	6.300	U	14	U
1,1,2-Trichloroethane	0.960	U	0.740	U	0.910	U	0.970	U	1.800	U	1.900	U	1.100	U	10	U	9.700	U	4.500	U	9.700	U
1,1-Dichloroethane	0.710	U	0.550	U	0.680	U	0.720	U	1.400	U	1.400	U	0.820	U	7.500	U	7.200	U	3.300	U	7.200	U
1,1-Dichloroethylene	0.170	U	0.140	U	0.170	U	0.180	U	0.330	U	0.350	U	0.200	U	1.800	U	1.800	U	0.820	U	1.800	U
1,2,4-Trichlorobenzene	1.300	U	1	U	1.200	U	1.300	U	2.500	U	2.700	U	1.500	U	30	D	13	U	6.100	U	13	U
1,2,4-Trimethylbenzene	2.600	D	1.700	D	2.300	D	2.400	D	2.500	D	3.200	D	3.700	D	9.100	U	8.700	U	4.100	J	8.800	U
1,2-Dibromoethane	1.400	U	1	U	1.300	U	1.400	U	2.600	U	2.700	U	1.600	U	14	U	14	U	6.400	U	14	U
1,2-Dichlorobenzene	1.100	U	0.820	U	1	U	1.100	U	2	U	2.100	U	1.200	U	11	U	11	U	5	U	11	U
1,2-Dichloroethane	0.710	U	0.550	U	0.680	U	0.720	U	1.400	U	1.400	U	0.820	U	7.500	U	7.200	U	3.300	U	7.200	U
1,2-Dichloropropane	0.810	U	0.630	U	0.770	U	0.820	U	1.500	U	1.700	U	0.940	U	8.500	U	8.200	U	3.800	U	8.200	U
1,2-Dichlorotetrafluoroethane	27	D	1.900	D	7.100	D	110	D	14	D	410	D	17	D	210	D	120	D	21	D	1,900	D
1,3,5-Trimethylbenzene	0.870	J	0.670	J	0.820	J	0.870	J	1.600	J	1.800	U	1	D	9.100	U	8.700	U	4.100	U	8.800	U
1,3-Butadiene	1.200	U	0.910	U	1.100	U	1.200	U	2.200	U	2.400	U	1.300	U	12	U	12	U	5.500	U	12	U
1,3-Dichlorobenzene	1.100	U	0.820	U	1	U	1.100	U	2	U	2.100	U	1.200	U	11	U	11	U	5	U	11	U
1,3-Dichloropropane	0.810	U	0.630	U	0.770	U	0.820	U	1.500	U	1.700	U	0.940	U	8.500	U	8.200	U	3.800	U	8.200	U
1,4-Dichlorobenzene	1.100	U	0.820	U	1	U	1.100	U	2	U	2.100	U	1.200	U	11	U	11	U	5	U	11	U
1,4-Dioxane	1.300	U	0.980	U	1.200	U	1.300	U	2.400	U	2.600	U	1.500	U	13	U	13	U	6	U	13	U
2-Butanone	7.400	D	5.400	D	8.400	D	18	D	28	D	15	D	12	D	27	D	80	D	210	D	14	D
2-Hexanone	1.400	U	1.100	U	1.400	J	1.500	J	2.700	J	2.900	J	1.700	U	15	U	15	U	6.800	U	15	U
3-Chloropropene	2.800	U	2.100	U	2.600	U	2.800	U	5.200	U	5.600	U	3.200	U	29	U	28	U	13	U	28	U
4-Methyl-2-pentanone	0.720	U	0.560	U	0.680	U	0.730	U	1.400	U	1.500	U	0.830	U	7.600	U	7.300	U	3.400	U	7.300	U
Acetone	67	D	39	D	45	D	140	D	120	D	220	D	120	D	2,000	D	1,500	D	620	D	310	D
Acrylonitrile	0.380	U	0.300	U	0.360	U	0.380	U	0.730	U	0.780	U	0.440	U	4	U	3.800	U	1.800	U	3.900	U
Benzene	1.100	D	1	D	1.200	D	1.900	D	1.100	D	1.700	D	1.900	D	5.900	U	5.700	U	2.600	U	89	D
Benzyl chloride	0.910	U	0.710	U	0.860	U	0.920	U	1.700	U	1.800	U	1.100	U	9.600	U	9.200	U	4.300	U	9.200	U
Bromodichloromethane	1.200	U	0.910	U	1.100	U	1.200	U	2.200	U	2.400	U	1.400	U	12	U	12	U	5.500	U	12	U
Bromoform	1.800	U	1.400	U	1.700	U	1.800	U	3.500	U	3.700	U	2.100	U	19	U	18	U	8.600	U	18	U
Bromomethane	0.680	U	0.530	U	0.650	U	0.690	U	1.300	U	1.400	U	0.790	U	7.200	U	6.900	U	3.200	U	6.900	U
Carbon disulfide	0.550	U	0.420	U	0.520	U	0.550	U	1	U	1.100	U	0.630	U	5.800	U	5.500	U	3.400	D	5.600	U
Carbon tetrachloride	0.280	U	0.340	D	0.260	U	0.280	U	0.530	U	0.560	U	0.320	U	2.900	U	2.800	U	1.300	U	2.800	U
Chlorobenzene	0.810	U	0.630	U	0.770	U	0.820	U	1.500	U	1.600	U	0.940	U	8.500	U	8.200	U	3.800	U	210	D
Chloroethane	0.460	U	0.360	U	0.440	U	0.470	U	0.880	U	0.940	U	0.540	U	4.900	U	4.700	U	2.200	U	4.700	U
Chloroform	0.860	U	0.670	U	0.820	U	0.870	U	4.100	D	12	D	0.990	U	9	U	8.700	U	4	U	8.700	U
Chloromethane	0.360	U	0.420	D	0.340	U	0.480	D	0.690	U	0.740	J	0.420	U	3.800	U	3.700	U	1.700	U	3.700	U
cis-1,2-Dichloroethylene	0.170	U	0.140	U	0.170	U	0.180	U	0.330	U	0.350	U	0.200	U	1.800	U	1.800	U	0.820	U	11	D
cis-1,3-Dichloropropylene	0.800	U	0.620	U	0.760	U	0.800	U	1.500	U	1.600	U	0.920	U	8.400	U	8	U	3.800	U	8.100	U
Cyclohexane	0.610	U	0.470	U	0.570	U	0.610	U	1.200	U	27	D	0.700	U	17	D	6.100	U	2.800	U	700	D
Dibromochloromethane	1.500	U	1.200	U	1.400	U	1.500	U	2.900	U	3	U	1.700	U	16	U	15	U	7.100	U	15	U
Dichlorodifluoromethane	6.500	D	3.100	D	3.300	D	5.400	D	6.100	D	43	D	12	D	20	D	32	D	17	D	350	D
Ethyl acetate	1.300	U	0.980	U	1.200	U	1.300	U	2.400	U	2.600	U	1.500	U	13	U	13	U	6	U	13	U
Ethyl Benzene	2.400	D	1.500	D	2.100	D	2.500	D	2.600	D	3.100	D	3.400	D	8	U	7.700	U	3.600	J	7.800	U
Hexachlorobutadiene	1.900	U	1.500	U	1.800	U	1.900	U	3.600	U	3.800	U	2.200	U	20	U	19	U	8.800	U	19	U
Isopropanol	14	D	25	D	22	D	22	D	26	D	37	D	27	D	48	D	37	D	31	D	59	D
Methyl Methacrylate	3.300	D	1.700	D	2.300	D	6.600	D	3	D	5.100	D	3.800	D	7.600	J	7.300	U	3.400	J	120	D
Methyl tert-butyl ether (MTBE)	0.640	U	0.490	U	0.600	U	0.640	U	1.200	U	1.300	U	0.730	U	6.700	U	6.400	U	3	U	6.400	U
Methylene chloride	1.200	J	0.950	J	1.200	J	1.200	J	2.300	J	2.500	J	1.400	J	13	J	12	J	5.700	J	12	J
n-Heptane	1.600	D	1.100	D	1.500	D	3.600	D	3.800	D	2.300	D	2.800	D	7.600	J	23	D	69	D	230	D
n-Hexane	0.810	D	0.960	D	0.940	D	1.700	D	1.200	D	1.600	D	1.100	D	6.500	U	19	D	2.900	U	300	D
o-Xylene	2.400	D	1.500	D	2.200	D	2.900	D	4.100	D	3.900	D	4.400	D	8	J	7.700	J	4	D	7.800	J
p- & m- Xylenes	6.600	D	4	D	5.900	D	6.500	D	8	D	8.700	D	9.700	D	16	U	15	U	7.900	D	16	U
p-Ethyltoluene	1.800	D	1.100	D	1.600	D	1.700	D	2	D	2.100	D	2.400	D	9.100	U	8.700	U	4.100	U	8.800	U
Propylene	0.910	D	0.540	D	0.370	D	1.800	D	0.580	D	0.610	U	0.700	D	5.700	D	6.400	D	11	D	3.100	U
Styrene	0.900	D	0.810	D	1.100	D	1.300	D	1.400	J	1.500	D	1.600	D	7.900	U	7.500	U	3.500	U	7.600	U
Tetrachloroethylene	4.800	D	12	D	4.200	D	3.200	D	22	D	14	D	54	D	24	D	24	D	5.600	J	12	J
Tetrahydrofuran	56	D	16	D	26	D	72	D	220	D	75	D	86	D	75	D	2,400	D	850	D	11	U
Toluene	120	D	54	D	79	D	150	D	96	D	91	D	120	D	29	D	32	D	36	D	15	D
trans-1,2-Dichloroethylene	0.700	U	0.540	U	0.660	U	0.700	U	1.300	U	1.400	U	0.810	U	7.300	U	7	U	3.300	U	7.100	U
trans-1,3-Dichloropropylene	0.800	U	0.620	U	0.760	U	0.800	U	1.500	U	1.600	U	0.920	U	8.400	U	8	U	3.800	U	8.100	U
Trichloroethylene	0.240	U	0.290	D	0.360	D	0.380	D	1.400	D	1.200	D	0.550	D	11	D	2.400	U	1.100	U	2.400	U
Trichlorofluoromethane (Freon 11)	0.990	U	1.500	D	1.500	D	1.500	D	2.600	D	2	U	1.600	D	10	U	10	U	4.700	U	10	U
Vinyl acetate	0.620	U	0.480	U	0.590	U	0.620	U	1.200	U	1.300	U	0.720	U	6.500	U	6.200	U	2.900	U	6.300	U
Vinyl bromide	0.770	U	0.600	U	0.730	U	0.780	U	1.500	U	1.600	U	0.890	U	8.100	U	7.800	U	3.600	U	7.800	U
Vinyl Chloride	0.230	U	0.170	U	0.210	U	0.230	U	0.430	U	0.460	U	0.260	U	2.400	U	2.300	U	1.100	U	16	D
Methane (%)																						
Methane	0.0	D	0.0	U	0.0	U	0.0	U	0.0	U	0.8	D	0.0	D	0.0	D	0.0	U	0.0	U	10,700.0	D
Methane (ppmv)																						
Methane	20.0	D	13.6	U	16.7	U	17.7	U	16.7	U	7,960.0	D	32.1	D	29.4	D	17.7	U	20.7	U	107,000,000.0	D

Notes:

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

B=analyte found in the analysis batch blank

U=analyte not detected at or above the level indicated

SSSV= Sub-slab soil vapor

$\mu g/m^3$ - micrograms per cubic meter

ppmv - parts per million by volume

% Methane expressed in % by volume by: ppm/10,000

Table 5 - Indoor Air Data (2017)
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID	IA-1		IA-2		IA-3		IA-4		IA-5		IA-6		IA-7		IA-8	
Sampling Date	3/2/2017		3/2/2017		3/2/2017		3/2/2017		3/2/2017		3/2/2017		3/2/2017		3/2/2017	
Matrix	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air	
UNITS IN MICROGRAMS/ CUBIC METER (µg/m^3)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO-15																
1,1,1,2-Tetrachloroethane	0.760	U	0.690	U	0.740	U	0.690	U	0.710	U	0.750	U	0.730	U	0.690	U
1,1,1-Trichloroethane	0.600	U	0.550	U	0.590	U	0.550	U	0.560	U	0.600	U	0.580	U	0.550	U
1,1,2,2-Tetrachloroethane	0.760	U	0.690	U	0.740	U	0.690	U	0.710	U	0.750	U	0.730	U	0.690	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.850	U	0.770	U	0.830	U	0.770	U	0.790	U	0.840	U	1.100	D	0.770	U
1,1,2-Trichloroethane	0.600	U	0.550	U	0.590	U	0.550	U	0.560	U	0.600	U	0.580	U	0.550	U
1,1-Dichloroethane	0.450	U	0.400	U	0.440	U	0.400	U	0.420	U	0.440	U	0.430	U	0.400	U
1,1-Dichloroethylene	0.440	U	0.400	U	0.430	U	0.400	U	0.410	U	0.430	U	0.420	U	0.400	U
1,2,4-Trichlorobenzene	0.820	U	0.740	U	0.800	U	0.740	U	0.760	U	0.810	U	0.790	U	0.740	U
1,2,4-Trimethylbenzene	7	D	5.400		0.530	U	17		3.800	D	6.500	D	5	D	26	
1,2-Dibromoethane	0.850	U	0.770	U	0.830	U	0.770	U	0.790	U	0.840	U	0.820	U	0.770	U
1,2-Dichlorobenzene	0.670	U	0.600	U	0.650	U	0.600	U	0.620	U	0.660	U	0.640	U	0.600	U
1,2-Dichloroethane	0.450	U	0.400	U	0.440	U	0.400	U	0.420	U	0.440	U	0.430	U	0.400	U
1,2-Dichloropropane	0.510	U	0.460	U	0.500	U	0.460	U	0.480	U	0.510	U	0.490	U	0.460	U
1,2-Dichlorotetrafluoroethane	0.770	U	0.700	U	0.750	U	0.700	U	0.720	U	0.770	U	0.750	U	0.700	U
1,3,5-Trimethylbenzene	3	D	1.900		0.530	U	6.200		1.600	D	2.400	D	1.600	D	9.600	
1,3-Butadiene	0.730	U	0.660	U	0.720	U	0.660	U	0.680	U	0.730	U	0.710	U	0.660	U
1,3-Dichlorobenzene	0.670	U	0.600	U	0.650	U	0.600	U	0.620	U	0.660	U	0.640	U	0.600	U
1,3-Dichloropropane	0.510	U	0.460	U	0.500	U	0.460	U	0.480	U	0.510	U	0.490	U	0.460	U
1,4-Dichlorobenzene	0.670	U	0.600	U	0.650	U	0.600	U	0.620	U	0.660	U	0.640	U	0.600	U
1,4-Dioxane	0.800	U	0.720	U	0.780	U	0.720	U	0.740	U	0.790	U	0.770	U	0.720	U
2-Butanone	5.100	D	4.800		0.760	D	3.800		1.900	D	1.700	D	7.100	D	5.200	
2-Hexanone	0.910	U	0.820	U	0.880	U	0.820	U	0.840	U	0.900	U	0.870	U	0.820	U
3-Chloropropene	1.700	U	1.600	U	1.700	U	1.600	U	1.600	U	1.700	U	1.700	U	1.600	U
4-Methyl-2-pentanone	0.450	U	1.200		0.440	U	2.700		0.630	D	0.450	U	0.440	U	3.200	
Acetone	37	D	30		6.700	D	40		14	D	12	D	42	D	46	
Acrylonitrile	0.240	U	0.220	U	0.230	U	0.220	U	0.220	U	0.240	U	0.230	U	0.220	U
Benzene	3.300	D	2		0.340	D	3.200		1	D	0.870	D	2.200	D	4.600	
Benzyl chloride	0.570	U	0.520	U	0.560	U	0.520	U	0.530	U	0.570	U	0.550	U	0.520	U
Bromodichloromethane	0.740	U	0.670	U	0.720	U	0.670	U	0.690	U	0.730	U	0.710	U	0.670	U
Bromoform	1.100	U	1	U	1.100	U	1	U	1.100	U	1.100	U	1.100	U	1	U
Bromomethane	0.430	U	0.390	U	0.420	U	0.390	U	0.400	U	0.430	U	0.410	U	0.390	U
Carbon disulfide	2	D	0.310	U	0.340	U	0.310	U	0.320	U	0.340	U	0.330	U	0.870	
Carbon tetrachloride	1.700	D	0.380		0.410	D	0.440		0.390	D	0.410	D	0.870	D	0.380	
Chlorobenzene	0.510	U	0.460	U	0.500	U	0.460	U	0.470	U	0.500	U	0.490	U	0.460	U
Chloroethane	0.290	U	0.260	U	0.280	U	0.260	U	0.270	U	0.290	U	0.280	U	0.260	U
Chloroform	0.540	U	0.490	U	0.530	U	0.490	U	0.500	U	0.530	U	0.520	U	0.490	U
Chloromethane	1.700	D	1.200		1.100	D	1.300		1.200	D	1.200	D	2.500	D	1.200	
cis-1,2-Dichloroethylene	0.440	U	0.400	U	0.430	U	0.400	U	0.410	U	0.430	U	0.420	U	0.400	U
cis-1,3-Dichloropropylene	0.500	U	0.450	U	0.490	U	0.450	U	0.470	U	0.500	U	0.480	U	0.450	U
Cyclohexane	2.300	D	1.100		0.370	U	2.500		0.530	D	0.410	D	1.200	D	3.400	
Dibromochloromethane	0.940	U	0.850	U	0.920	U	0.850	U	0.880	U	0.930	U	0.910	U	0.850	U
Dichlorodifluoromethane	3.300	D	2.500		2.400	D	2.400		2.400	D	2.300	D	4.400	D	2	
Ethyl acetate	0.800	U	0.720	U	0.780	U	0.720	U	0.740	U	0.790	U	18	D	0.720	U
Ethyl Benzene	4.300	D	4.700		0.520	D	4.200		1.500	D	1.100	D	3	D	7.600	
Hexachlorobutadiene	1.200	U	1.100	U	1.200	U	1.100	U	1.100	U	1.200	U	1.100	U	1.100	U
Isopropanol	4.700	D	4.500		0.530	U	1.900		0.510	U	0.540	U	2.400	D	2.400	
Methyl Methacrylate	0.450	U	0.410	U	0.440	U	0.410	U	0.420	U	0.450	U	0.440	U	0.410	U
Methyl tert-butyl ether (MTBE)	0.400	U	0.360	U	0.390	U	0.360	U	0.370	U	0.390	U	0.380	U	0.360	U
Methylene chloride	4.700	D	6		0.860	D	2.100		2.600	D	1.100	D	2.300	D	2.300	
n-Heptane	4.200	D	2.300		0.440	U	6.200		1.800	D	1.400	D	2.100	D	13	
n-Hexane	6.700	D	4.500		0.380	U	8.400		1.600	D	1.200	D	6.700	D	11	
o-Xylene	4	D	3.900		0.470	U	6.200		2.100	D	1.800	D	3.800	D	12	
p- & m- Xylenes	12	D	12		1.500	D	17		6.500	D	5.800	D	12	D	35	
p-Ethyltoluene	6.900	D	6		0.530	U	20		5.500	D	7.500	D	4.800	D	30	
Propylene	0.190	U	0.170	U	0.190	U	0.170	U	0.180	U	0.190	U	0.180	U	0.170	U
Styrene	1.800	D	0.430	U	0.460	U	0.430	U	0.440	U	0.470	U	0.450	U	0.430	U
Tetrachloroethylene	48	D	44		3.200	D	120		48	D	48	D	8.200	D	340	
Tetrahydrofuran	2.900	D	0.590	U	0.640	U	0.590	U	0.610	U	0.650	U	3.100	D	0.590	U
Toluene	43	D	39		1.500	D	57		22	D	20	D	25	D	140	
trans-1,2-Dichloroethylene	0.440	U	0.400	U	0.430	U	0.400	U	0.410	U	0.430	U	0.420	U	0.400	U
trans-1,3-Dichloropropylene	0.500	U	0.450	U	0.490	U	0.450	U	0.470	U	0.500	U	0.480	U	0.450	U
Trichloroethylene	2.300	D	5.200		0.140	U	71		22	D	17	D	4.500	D	220	
Trichlorofluoromethane (Freon 11)	3	D	1.300		1.300	D	1.300		1.300	D	1.300	D	3	D	1.100	
Vinyl acetate	0.390	U	0.350	U	0.380	U	0.350	U	0.360	U	0.390	U	0.380	U	0.350	U
Vinyl bromide	0.480	U	0.440	U	0.470	U	0.440	U	0.450	U	0.480	U	0.470	U	0.440	U
Vinyl Chloride	0.280	U	0.260	U	0.280	U	0.260	U	0.260	U	0.280	U	0.270	U	0.260	U
Methane (%)																
Methane	0.001	U	0.001	U	NT	NT	0.002	D	0.002	D	0.002	D	0.002	D	0.001	D
Methane (ppmv)																
Methane	8.4	U	8.4	U	NT	NT	17	D	20	D	20	D	17	D	11	D

Notes:

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

B=analyte found in the analysis batch blank

U=analyte not detected at or above the level indicated

µg/m^3 - micrograms per cubic meter

ppmv - parts per million by volume

% Methane expressed in % by volume by: ppm/10,000

Table 5 - Indoor Air Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID	IA-1		IA-2		IA-3		IA-4		IA-5		IA-6		IA-7		IA-8		IA-9		IA-10		IA-11	
Sampling Date	12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		12/28/2022		1/5/202	
Client Matrix	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air	
UNITS IN MICROGRAMS/ CUBIC METER ($\mu g/m^3$)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO-15																						
1,1,1,2-Tetrachloroethane	0.670	U	0.690	U	0.640	U	0.630	U	0.610	U	0.760	U	0.700	U	0.640	U	2.600	U	33	U	0.730	U
1,1,1-Trichloroethane	0.530	U	0.550	U	0.510	U	0.500	U	0.490	U	0.600	U	0.560	U	0.510	U	2.100	U	26	U	0.580	U
1,1,2,2-Tetrachloroethane	0.670	U	0.690	U	0.640	U	0.630	U	0.610	U	0.760	U	0.700	U	0.640	U	2.600	U	33	U	0.730	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.750	U	0.770	U	0.710	U	0.700	U	0.680	U	0.850	U	0.780	U	0.710	U	2.900	U	37	U	0.810	U
1,1,2-Trichloroethane	0.530	U	0.550	U	0.510	U	0.500	U	0.490	U	0.600	U	0.560	U	0.510	U	2.100	U	26	U	0.580	U
1,1-Dichloroethane	0.400	U	0.410	U	0.380	U	0.370	U	0.360	U	0.450	U	0.410	U	0.380	U	1.500	U	19	U	0.430	U
1,1-Dichloroethylene	0.0970	U	0.100	U	0.0920	U	0.0900	U	0.0880	U	0.110	U	0.100	U	0.0920	U	0.370	U	4.800	U	0.110	U
1,2,4-Trichlorobenzene	1.400	U	1.500	U	1.400	U	1.400	U	1.300	U	1.600	U	1.500	U	1.400	U	5.600	U	71	U	1	D
1,2,4-Trimethylbenzene	1.400	D	1.200	D	1.500	D	1.200	D	0.880	D	1.100	D	1.200	D	2	D	1.900	U	24	U	0.780	D
1,2-Dibromoethane	0.750	U	0.780	U	0.720	U	0.700	U	0.680	U	0.850	U	0.790	U	0.710	U	2.900	U	37	U	0.810	U
1,2-Dichlorobenzene	0.590	U	0.610	U	0.560	U	0.550	U	0.540	U	0.670	U	0.610	U	0.560	U	2.300	U	29	U	0.640	U
1,2-Dichloroethane	0.390	U	0.410	U	0.380	U	0.370	U	0.360	U	0.450	U	0.410	U	0.380	U	1.500	U	19	U	0.430	U
1,2-Dichloropropane	0.450	U	0.470	U	0.430	U	0.420	U	0.410	U	0.510	U	0.470	U	0.430	U	1.700	U	22	U	0.490	U
1,2-Dichlorotetrafluoroethane	0.680	U	0.710	U	0.650	U	0.640	U	0.620	U	0.770	U	0.710	U	0.650	U	2.600	U	34	U	0.890	D
1,3,5-Trimethylbenzene	0.480	J	0.500	J	0.460	J	0.450	J	0.440	U	0.540	J	0.500	J	0.500	D	1.900	U	24	U	0.520	J
1,3-Butadiene	0.650	U	0.670	U	0.620	U	0.610	U	0.590	U	0.740	U	0.680	U	0.620	U	2.500	U	32	U	0.700	U
1,3-Dichlorobenzene	0.590	U	0.610	U	0.560	U	0.550	U	0.540	U	0.670	U	0.610	U	0.560	U	2.300	U	29	U	0.640	U
1,3-Dichloropropane	0.450	U	0.470	U	0.430	U	0.420	U	0.410	U	0.510	U	0.470	U	0.430	U	1.700	U	22	U	0.490	U
1,4-Dichlorobenzene	0.590	U	0.610	U	0.560	U	0.550	U	0.540	U	0.670	U	0.610	U	0.560	U	2.300	U	29	U	0.640	U
1,4-Dioxane	0.700	U	0.730	U	0.670	U	0.660	U	0.640	U	0.800	U	0.740	U	0.670	U	2.700	U	35	U	0.760	U
2-Butanone	55	D	65	D	39	D	45	D	42	D	42	D	78	D	54	D	1,800	D	2,900	D	3.800	D
2-Hexanone	0.800	U	0.830	U	0.760	U	0.750	U	0.730	U	0.910	U	0.840	U	0.760	U	3.100	U	39	U	0.870	U
3-Chloropropene	1.500	U	1.600	U	1.500	U	1.400	U	1.400	U	1.700	U	1.600	U	1.500	U	5.900	U	75	U	1.700	U
4-Methyl-2-pentanone	0.400	U	0.410	U	0.380	U	0.370	U	0.370	U	0.450	U	0.420	U	0.380	U	1.500	U	20	U	0.430	U
Acetone	140	D	170	D	100	D	110	D	130	D	120	D	190	D	130	D	4,700	D	4,600	D	30	D
Acrylonitrile	0.210	U	0.220	J	0.200	J	0.200	U	0.190	U	0.240	U	0.220	U	0.200	U	0.820	U	10	U	0.230	U
Benzene	0.310	U	0.320	U	0.300	U	0.290	U	0.280	U	1.500	D	1.700	D	3.400	D	1.200	U	15	U	0.910	D
Benzyl chloride	1	U	1	U	0.960	U	0.950	U	0.920	U	1.100	U	1.100	U	0.960	U	3.900	U	50	U	0.550	U
Bromodichloromethane	0.650	U	0.680	U	0.620	U	0.610	U	0.600	U	0.740	U	0.680	U	0.620	U	2.500	U	32	U	0.710	U
Bromoform	1	U	1	U	0.960	U	0.940	U	0.920	U	1.100	U	1.100	U	0.960	U	3.900	U	50	U	1.100	U
Bromomethane	0.380	U	0.390	U	0.360	U	0.350	U	0.350	U	0.430	U	0.400	U	0.360	U	1.500	U	19	U	0.410	U
Carbon disulfide	0.550	D	0.660	D	0.410	D	0.430	D	0.470	D	0.410	D	0.760	D	0.380	D	8.100	D	15	U	0.330	U
Carbon tetrachloride	0.310	D	0.320	D	0.290	D	0.340	D	0.340	D	0.350	D	0.320	D	0.350	D	0.590	U	7.500	U	0.400	D
Chlorobenzene	0.450	U	0.460	U	0.430	U	0.420	U	0.410	U	0.510	U	0.470	U	0.430	U	1.700	U	22	U	0.490	U
Chloroethane	0.260	U	0.270	U	0.250	U	0.240	U	0.240	U	0.290	U	0.270	U	0.240	U	1	U	13	U	0.280	U
Chloroform	0.480	U	0.490	U	0.450	U	0.450	U	0.440	U	0.540	U	0.500	U	0.450	U	1.800	U	23	U	0.520	U
Chloromethane	0.930	D	0.980	D	1.100	D	1.200	D	0.940	D	1	D	1.100	D	1.200	D	0.940	D	9.900	U	1.200	D
cis-1,2-Dichloroethylene	0.0970	U	0.100	U	0.0920	U	0.0900	U	0.0880	U	0.110	U	0.100	U	0.0920	U	0.370	U	4.800	U	0.110	U
cis-1,3-Dichloropropylene	0.440	U	0.460	U	0.420	U	0.410	U	0.400	U	0.500	U	0.460	U	0.420	U	1.700	U	22	U	0.480	U
Cyclohexane	0.500	D	0.520	D	0.610	D	0.470	D	0.430	D	0.610	D	0.630	D	1.200	D	1.300	U	17	U	0.360	U
Dibromochloromethane	0.830	U	0.860	U	0.790	U	0.780	U	0.760	U	0.940	U	0.870	U	0.790	U	3.200	U	41	U	0.900	U
Dichlorodifluoromethane	2.100	D	2.300	D	2.200	D	2.100	D	2.200	D	2.200	D	2.300	D	2.700	D	2.400	D	24	U	2.700	D
Ethyl acetate	3	D	3	D	2.900	D	3.200	D	2.700	D	2.800	D	3	D	0.670	U	6.300	D	35	U	0.760	U
Ethyl Benzene	2.200	D	2.100	D	2.500	D	1.900	D	1.800	D	2	D	2.100	D	3	D	2.600	D	21	U	0.460	J
Hexachlorobutadiene	1	U	1.100	U	0.990	U	0.970	U	0.950	U	1.200	U	1.100	U	0.990	U	4	U	51	U	1.100	U
Isopropanol	1.700	D	1.700	D	4	D	2.700	D	1.800	D	3.100	D	3.300	D	2.400	D	2.900	D	24	U	4.400	D
Methyl Methacrylate	0.400	U	0.410	U	0.380	U	0.370	U	0.360	U	0.450	U	0.420	U	0.380	U	1.500	U	20	U	0.650	D
Methyl tert-butyl ether (MTBE)	0.350	U	0.360	U	0.340	U	0.330	U	0.320	U	0.400	U	0.370	U	0.330	U	1.400	U	17	U	0.380	U
Methylene chloride	0.680	J	0.700	J	0.650	J	0.630	J	0.620	J	0.770	J	0.710	J	0.770	D	2.600	J	33	U	0.990	D
n-Heptane	7.800	D	8.800	D	5.400	D	5.900	D	5.300	D	5.900	D	11	D	8.500	D	280	D	330	D	0.610	D
n-Hexane	2.200	D	2	D	2.700	D	1.900	D	1.700	D	2	D	2	D	4	D	1.300	J	17	U	0.520	D
o-Xylene	1.600	D	1.500	D	1.900	D	1.300	D	1.200	D	1.300	D	1.500	D	2.500	D	1.600	J	21	U	0.600	D
p- & m- Xylenes	4.700	D	4.300	D	5.400	D	3.800	D	3.400	D	3.800	D	4.300	D	7.900	D	3.300	J	42	U	1.400	D
p-Ethyltoluene	1.200	D	1.100	D	1.400	D	0.990	D	0.830	D	1	D	1.100	D	1.800	D	1.900	U	24	U	0.570	D
Propylene	0.170	U	0.170	U	0.160	U	0.160	U	0.150	U	0.190	U	0.180	U	0.160	U	0.650	U	8.300	U	0.180	U
Styrene	0.960	D	0.900	D	0.990	D	0.820	D	0.650	D	0.760	D	0.740	D	0.400	U	1.600	U	20	U	0.450	J
Tetrachloroethylene	0.660	J	0.690	J	0.630	J	0.990	D	0.600	J	0.750	J	0.690	J	0.630	J	2.600	J	33	U	0.720	J
Tetrahydrofuran	220	D	260	D	150	D	170	D	180	D	170	D	300	D	190	D	5,200	D	7,500	D	8.800	D
Toluene	460	D	480	D	450	D	490	D	570	D	440	D	500	D	31	D	28	D	20	D	13	D
trans-1,2-Dichloroethylene	0.390	U	0.400	U	0.370	U	0.360	U	0.350	U	0.440	U	0.410	U	0.920	D	1.500	U	19	U	0.420	U
trans-1,3-Dichloropropylene	0.440	U	0.460	U	0.420	U	0.410	U	0.400	U	0.500	U	0.460	U	0.420	U	1.700	U	22	U	0.480	U
Trichloroethylene	0.130	U	0.140	U	0.130	U	0.120	U	0.120	U	0.150	U	0.160	D	0.550	D	0.510	U	6.400	U	0.230	D
Trichlorofluoromethane (Freon 11)	1	D	1	D	1	D	1.100	D	0.950	D	1.100	D	1.100	D	1.100	D	2.100	U	27	U	1.600	D
Vinyl acetate	0.340	U	0.360	U	0.330	U	0.320	U	0.310	U	0.390	U	0.360	U	0.330	U	1.300	U	17	U	0.370	U
Vinyl bromide	0.430	U	0.440	U	0.410	U	0.400	U	0.390	U	0.480	U	0.450	U	0.410	U	1.700	U	21	U	0.460	U
Vinyl Chloride	0.120	U	0.130	U	0.120	U	0.120	U	0.110	U	0.140	U	0.130	U	0.120	U	0.480	U	6.100	U	0.140	U
Methane (%)																						
Methane	0.0	D	0.0	U	0.0	D	0.0	D	0.0	D	0.0	D	0.0	U	0.0	U	0.0	U	0.0	U	0.6	D
Methane (ppmv)																						
Methane	20.8	D	19.0	U	27.5	D	18.0	D	17.7	D	42.1	D	19.2	U	17.4	U	50.3	U	18.0	U	6,110.0	D

Notes:

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

B=analyte found in the analysis batch blank

U=analyte not detected at or above the level indicated

$\mu g/m^3$ - micrograms per cubic meter

ppmv - parts per million by volume

% Methane expressed in % by volume by: ppm/10,000

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX A
10-14 Tucker Drive
Poughkeepsie NY

Compound	Soil Vapor and Indoor Air Concentrations (µg/m^3)																					
	SG-1	IA-1	SG-2	IA-2	SG-3	IA-3	SG-4	IA-4	SG-5	IA-5	SG-6	IA-6	SG-7	IA-7	SG-8	IA-8	SG-9	IA-9	SG-10	IA-10	SG-11	IA-11
Trichloroethylene	ND	ND	0.29	ND	0.36	ND	0.38	ND	1.40	ND	1.20	ND	0.55	0.16	11	0.55	ND	ND	ND	ND	ND	0.23
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	0.31	0.34	0.32	ND	0.29	ND	0.34	ND	0.34	ND	0.35	ND	0.32	ND	0.35	ND	ND	ND	ND	ND	0.40

NYSDOH Decision Matrix A: Trichloroethylene (TCE), cis-1,2-Dichloroethene, 1,1-Dichloroethene and Carbon Tetrachloride

Sub-Slab Vapor Concentration	Indoor Air Concentration <0.2 µg/m^3	Indoor Air Concentration 0.2 to <1 µg/m^3	Indoor Air Concentration 1 µg/m^3 and above
<6 µg/m^3	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
6 to 60 µg/m^3	4. No Further Action	5. Monitor	6. Mitigate
60 µg/m^3 and above	7. Mitgate	8. Mitigate	9. Mitigate

NFA - No Further Action
µg/m^3 - micrograms per cubic meter
NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix A
ND - Compound not detected above laboratory detection limits

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX B
10-14 Tucker Drive
Poughkeepsie NY

Compound	Soil Vapor and Indoor Air Concentrations (µg/m^3)																					NYSDOH Decision Matrix B: Tetrachloroethene (PCE), 1,1,1-Trichloroethane (1,1,1-TCA) and Methylene Chloride				
	SG-1	IA-1	SG-2	IA-2	SG-3	IA-3	SG-4	IA-4	SG-5	IA-5	SG-6	IA-6	SG-7	IA-7	SG-8	IA-8	SG-9	IA-9	SG-10	IA-10	SG-11	IA-11			Indoor Air		
																									<3 µg/m^3	3 to <10 µg/m^3	10 µg/m^3 and above
Tetrachloroethene	4.8	0.66	12	0.69	4.2	0.63	3.2	0.99	22	0.6	14	0.75	54	0.69	24	0.63	24	2.6	5.6	ND	12	0.72	Sub-Slab Vapor Concentration	<100 µg/m^3	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		100 to 1,000 µg/m^3	4. No Further Action	5. Monitor	6. Mitgate
Methylene Chloride	1.2	6.8	0.95	0.7	1.2	0.65	1.2	0.63	2.3	0.62	2.5	0.77	1.4	0.71	13	0.77	12	2.6	5.7	ND	12	0.99		1,000 µg/m^3 and above	7. Mitgate	8. Mitgate	9. Mitgate

NFA - No Further Action
µg/m^3 - micrograms per cubic meter
NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix B
ND - Compound not detected above laboratory detection limits

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX C
10-14 Tucker Drive
Poughkeepsie NY

Compound	Soil Vapor and Indoor Air Concentrations (µg/m^3)																				NYSDOH Decision Matrix C: Vinyl Chloride			
	SG-1	IA-1	SG-2	IA-2	SG-3	IA-3	SG-4	IA-4	SG-5	IA-5	SG-6	IA-6	SG-7	IA-7	SG-8	IA-8	SG-9	IA-9	SG-10	IA-10	SG-11	IA-11			Indoor Air Concentration	
																									<0.2 µg/m^3	0.2 µg/m^3 a and above
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	Sub-Slab Vapor Concentration	<6 µg/m^3	1. No Further Action	2. Identify Source(s) and Resample or Mitigate
																								6 to 60 µg/m^3	3. Monitor	4. Mitgate
																								60 µg/m^3 and above	5. Mitgate	6. Mitgate

NFA - No Further Action
µg/m^3 - micrograms per cubic meter
NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix C
ND - Compound not detected above laboratory detection limits

Table 7 - Extracted Vapor Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID Sampling Date Matrix	SSD-1 1/5/2023 Extracted Vapor		SSD-2 1/5/2023 Extracted Vapor		SSD-3 1/5/2023 Extracted Vapor		SSD-6 1/5/2023 Extracted Vapor		EX-1 2/9/2023 Extracted Vapor		SSD-4 2/9/2023 Extracted Vapor		SSD-7 2/9/2023 Extracted Vapor	
UNITS IN MICROGRAMS/ CUBIC METER (µg/m^3)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs TO-15														
1,1,1,2-Tetrachloroethane	2.100	U	2.300	U	3.900	U	1.100	U	2.200	U	5.400	U	11	U
1,1,1-Trichloroethane	1.600	U	1.800	U	3.100	U	0.870	U	1.700	U	4.300	U	8.900	U
1,1,2,2-Tetrachloroethane	2.100	U	2.300	U	3.900	U	1.100	U	2.200	U	5.400	U	11	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.300	U	2.600	U	4.400	U	1.200	U	2.400	U	6	U	12	U
1,1,2-Trichloroethane	1.600	U	1.800	U	3.100	U	0.870	U	1.700	U	4.300	U	8.900	U
1,1-Dichloroethane	1.200	U	1.400	U	2.300	U	0.650	U	1.300	U	3.200	U	6.600	U
1,1-Dichloroethylene	0.300	U	0.340	U	0.560	U	0.160	U	0.310	U	0.780	U	1.600	U
1,2,4-Trichlorobenzene	2.200	U	2.500	U	4.200	U	1.200	U	2.300	U	5.800	U	12	U
1,2,4-Trimethylbenzene	1.500	U	1.700	U	2.800	U	0.790	U	1.600	U	3.900	U	8	U
1,2-Dibromoethane	2.300	U	2.600	U	4.400	U	1.200	U	2.400	U	6	U	12	U
1,2-Dichlorobenzene	1.800	U	2	U	3.400	U	0.960	U	1.900	U	4.700	U	9.800	U
1,2-Dichloroethane	1.200	U	1.400	U	2.300	U	0.650	U	1.300	U	3.200	U	6.600	U
1,2-Dichloropropane	1.400	U	1.600	U	2.600	U	0.740	U	1.500	U	3.600	U	7.500	U
1,2-Dichlorotetrafluoroethane	5.700	D	2.400	D	4	U	2.700	D	110	D	21	D	36	D
1,3,5-Trimethylbenzene	1.500	U	1.700	U	2.800	U	0.790	U	1.600	U	3.900	U	8	U
1,3-Butadiene	2	U	2.200	U	3.800	U	1.100	U	2.100	U	5.200	U	11	U
1,3-Dichlorobenzene	1.800	U	2	U	3.400	U	0.960	U	1.900	U	4.700	U	9.800	U
1,3-Dichloropropane	1.400	U	1.600	U	2.600	U	0.740	U	1.500	U	3.600	U	7.500	U
1,4-Dichlorobenzene	1.800	U	2	U	3.400	U	0.960	U	1.900	U	4.700	U	9.800	U
1,4-Dioxane	2.200	U	2.400	U	4.100	U	1.200	U	2.300	U	5.700	U	12	U
2-Butanone	23	D	22	D	23	D	1.900	D	16	D	31	D	980	D
2-Hexanone	2.500	U	2.800	U	4.700	U	1.300	U	2.600	U	6.400	U	13	U
3-Chloropropene	4.700	U	5.300	U	8.900	U	2.500	U	4.900	U	12	U	25	U
4-Methyl-2-pentanone	1.200	U	1.400	U	2.300	U	0.660	U	1.300	U	3.200	U	6.600	U
Acetone	66	D	63	D	70	D	7.600	D	41	D	80	D	2,000	D
Acrylonitrile	0.650	U	0.730	U	1.200	U	0.350	U	0.690	U	1.700	U	3.500	U
Benzene	1.100	D	1.100	U	1.800	U	0.560	D	14	D	2.500	U	5.200	U
Benzyl chloride	1.600	U	1.700	U	2.900	U	0.830	U	1.600	U	4.100	U	8.400	U
Bromodichloromethane	2	U	2.300	U	3.800	U	1.100	U	2.100	U	5.300	U	11	U
Bromoform	3.100	U	3.500	U	5.900	U	1.700	U	3.300	U	8.100	U	17	U
Bromomethane	1.200	U	1.300	U	2.200	U	0.620	U	1.200	U	3.100	U	6.300	U
Carbon disulfide	0.930	U	1.100	U	1.800	U	0.500	U	6.700	D	2.500	U	5.100	U
Carbon tetrachloride	0.470	U	0.530	U	0.900	U	0.250	U	0.500	U	1.200	U	2.600	U
Chlorobenzene	1.400	U	1.600	U	2.600	U	0.740	U	190	D	3.600	D	7.500	U
Chloroethane	0.790	U	0.890	U	1.500	U	0.420	U	0.830	U	2.100	U	4.300	U
Chloroform	1.500	U	1.700	D	2.800	U	0.780	U	1.900	D	3.800	U	7.900	U
Chloromethane	0.800	D	1.100	D	1.200	J	1.200	D	0.650	U	1.600	U	3.400	U
cis-1,2-Dichloroethylene	0.300	U	0.340	U	0.560	U	0.160	U	42	D	0.780	U	1.600	U
cis-1,3-Dichloropropylene	1.400	U	1.500	U	2.600	U	0.730	U	1.400	U	3.600	U	7.400	U
Cyclohexane	1.100	D	1.200	U	2	U	0.550	U	51	D	3	D	5.600	U
Dibromochloromethane	2.600	U	2.900	U	4.900	U	1.400	U	2.700	U	6.700	U	14	U
Dichlorodifluoromethane	3.400	D	3.300	D	2.800	D	7.100	D	22	D	5.800	D	67	D
Ethyl acetate	2.200	U	2.400	U	4.100	U	1.200	U	2.300	U	5.700	U	12	U
Ethyl Benzene	1.300	D	1.500	J	2.500	U	0.700	U	2.100	D	3.400	U	7	U
Hexachlorobutadiene	3.200	U	3.600	U	6.100	U	1.700	U	3.400	U	8.400	U	17	U
Isopropanol	10	D	9.400	BD	18	BD	6.900	BD	14	D	3.900	U	12	D
Methyl Methacrylate	16	D	15	D	19	D	0.660	U	1.300	U	3.200	U	6.600	U
Methyl tert-butyl ether (MTBE)	1.100	U	1.200	U	2.100	U	0.580	U	1.100	U	2.800	U	5.900	U
Methylene chloride	2.100	J	2.300	J	4	J	2	D	2.200	U	5.500	U	11	U
n-Heptane	2.200	D	2.100	D	2.300	J	0.660	U	12	D	3.200	U	6.700	U
n-Hexane	1.300	D	1.200	U	2	U	0.570	U	16	D	2.800	U	5.700	U
o-Xylene	1.300	J	1.500	J	2.500	J	0.700	U	2.600	D	3.400	U	7	U
p- & m- Xylenes	2.600	D	2.900	J	4.900	U	1.400	U	4.800	D	6.800	U	14	U
p-Ethyltoluene	1.500	U	1.700	U	2.800	U	0.790	U	1.600	U	3.900	U	8	U
Propylene	0.520	U	0.580	U	0.980	U	0.280	U	0.540	U	1.400	U	2.800	U
Styrene	1.300	U	1.400	U	2.400	U	0.680	U	1.300	U	3.400	U	6.900	U
Tetrachloroethylene	2	U	3.900	D	3.900	U	1.100	J	29	D	5.300	U	11	U
Tetrahydrofuran	86	D	73	D	74	D	6.800	D	17	D	150	D	4,800	D
Toluene	390	D	360	D	510	D	1.600	D	5	D	1,000	D	20	D
trans-1,2-Dichloroethylene	1.200	U	1.300	U	2.300	U	0.640	U	1.400	D	3.100	U	6.400	U
trans-1,3-Dichloropropylene	1.400	U	1.500	U	2.600	U	0.730	U	1.400	U	3.600	U	7.400	U
Trichloroethylene	0.400	U	0.450	U	0.770	U	0.220	U	12	D	1.100	U	2.200	U
Trichlorofluoromethane (Freon 11)	1.700	D	1.900	J	3.200	U	1.500	D	15	D	4.400	U	9.100	U
Vinyl acetate	1.100	U	1.200	U	2	U	0.560	U	1.100	U	2.800	U	5.700	U
Vinyl bromide	1.300	U	1.500	U	2.500	U	0.700	U	1.400	U	3.400	U	7.100	U
Vinyl Chloride	0.380	U	0.430	U	0.730	U	0.200	U	1.500	D	1	U	2.100	U
Methane (%)														
Methane	0	D	0	D	0	D	0	D	1	D	0	D	0	D
Methane (ppmv)														
Methane	228	D	33	D	64	D	137	D	10,100	D	461	D	3,230	D

Notes:

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

B=analyte found in the analysis batch blank

U=analyte not detected at or above the level indicated

µg/m^3 - micrograms per cubic meter

ppmv - parts per million by volume

% Methane expressed in % by volume by: ppm/10,000

TABLE 8

EXTRACTION WELL DATA- SSDS PILOT TEST

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Date	Pump Well Number	Fan/ Blower	Velocity (FPS)	Flow Rate (CFM)	Vacuum (in-Hg)	Vacuum (in-H_2O)	Temp (°F)	PID (ppm)	LEL%
12/29/2022	**SSD-1**	RP145C	1000	90.0	0.074	1.0	51.0	0.0	0
12/29/2022	**SSD-2**	RP145C	1130	101.7	0.110	1.5	49.2	0.0	0
12/29/2022	**SSD-3**	RP145C	1300	117.0	0.110	1.5	50.6	0.0	0
12/29/2022	**SSD-4**	Sun-Court 08206C	115	10.4	0.037	0.5	48.1	0.0	0
2/9/2023		GP-501	920	82.8	0.074	1.0	54.4	2.3	0
2/9/2023	**SSD-5**	GP-501	1116	100.4	0.074	1.0	54.3	4.5	0
12/29/2022	**SSD-6**	Sun-Court 08206C	290	26.1	0.037	0.5	47.3	0.0	0
2/9/2023		GP-501	1524	137.2	0.037	0.5	50.8	0.8	0
2/9/2023	**SSD-7**	GP-501	1208	108.7	0.037	0.5	46.9	0.3	0
2/9/2023	**EX-1**	GBR 76 SOE	375	18.8	1.104	15.0	58.0	0.1 (pre), 0.0 (post)	0
2/9/2023	**EX-2**	GBR 76 SOE	475	23.8	1.178	16.0	50.1	0.0 (pre), 0.0 (post)	0

Notes:

in-Hg = inches of mercury

in-H_2O = Inches of water

CFM = cubic feet per minute

ppm = parts per million

EX-1 and EX-2 readings collected from a 3" PVC pipe. All other readings taken from 4" PVC pipe

TABLE 9

VACUUM MONITORING POINT DATA - SSDS PILOT TEST

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Phase I -Test #	Date	Test Well	Vacuum Response (in-H_2O)										
			SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10	SG-11
Test #1: Existing Conditons - SSD-1, SSD-2, SSD-3, SSD-4 and SSD-6 Running	**12/29/2022**	N/A	-0.058	-0.123	-0.087	-0.077	-0.001	-0.003	0.000	0.000	0.000	0.000	NT[1]
Test #2: SSD-4 w/ GP-501	**2/9/2023**	SSD-4	NT[2]	NT[2]	NT[2]	-0.023	-0.005	-0.003	0.000	NT[2]	NT[2]	NT[2]	NT[2]
Test #3: SSD-5 w/ GP-501	**2/9/2023**	SSD-5	NT[2]	NT[2]	NT[2]	NT[2]	-0.045	-0.048	0.000	NT[2]	NT[2]	NT[2]	NT[2]
Test #4: SSD-6 w/ GP-501	**2/9/2023**	SSD-6	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	-0.017	NT[2]	-0.025	-0.002	NT[2]
Test #5: SSD-7 w/ GP-501	**2/9/2023**	SSD-7	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	-0.011	-0.058	NT[2]

Phase II -Test #	Date	Test Well	Vacuum Response (in-H_2O)											
			TVP-1	TVP-2	TVP-3	TVP-4	TVP-5	TVP-6	TVP-7	TVP-8	TVP-9	TVP-10	SG-8	SG--11
Test #6: EX-1 w/ GBR 76 SOE	**2/9/2023**	EX-1	-0.294	-0.007	-0.014	-0.113	0.000	0.000	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	-0.395
Test #7: EX-2 w/ GBR 76 SOE	**2/9/2023**	EX-2	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	NT[2]	-0.019	-0.002	0.000	-0.004	-0.141	NT[2]

Notes:

in-H_2O = Inches of water

Vacuum monitoring point measurements taken with Infiltec DMI Micro Manometer with a detection limit of 0.001 inches of water

NT - Not tested. Only selected points were tested during each pilot test based on anticpated ROI and the building layout.

NT[1] -SG-11 not yet installed during 12/29/2022 testing event

NT[2] -Certain vacuum points shown to have vacuum during Test #1 not tested

Average vacuum greater than target value of -0.004 in-H_2O

Average vacuum less than target value of -0.004 in-H_2O but greater than 0.000 in-H_20

TABLE 10
MASS REMOVAL CALCULATIONS -LABORATORY ANALYTICAL DATA
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample Location	Sample Date	Sample Duration (minutes)	Average Flow Rate (CFM)	Temp. (°F)	Temp. (R)	In-Hg	Atm. (Relative)	Atm. (Corrected)	V=nRT/p	lb mole	Volume of Removed Soil Vapor (CF)	PCE (ppmv)	TCE (ppmv)	Acetone (ppm)	MEK (ppmv)	Tetrahydrofuran (ppmv)	Toluene (ppmv)	Methane (ppmv)	PCE Mass Removed (lbs)	TCE Mass Removed (lbs)	Acetone Removed (lbs)	MEK Mass Removed (lbs)	Tetrahydrofuran Mass Removed (lbs)	Toluene Mass Removed (lbs)	Methane Mass Removed (lbs)	Total Mass Removed (lbs)
SSD-1	12/29/22	60	90.0	51.0	511.0	0.074	0.002	0.998	374.1	0.00267	5400	0.00000	0.00000	0.0278	0.00780	0.02916	0.10350	228	0.00E+00	0.00E+00	2.33E-05	8.12E-06	3.04E-05	1.38E-04	5.28E-02	5.30E-02
SSD-2	12/29/22	60	101.7	49.2	509.2	0.110	0.004	0.996	373.2	0.00268	6102	0.00057	0.00000	0.0265	0.00746	0.02476	0.09554	33	1.56E-06	0.00E+00	2.52E-05	8.80E-06	2.92E-05	1.44E-04	8.65E-03	8.86E-03
SSD-3	12/29/22	60	117.0	50.6	510.6	0.110	0.004	0.996	374.2	0.00267	7020	0.00000	0.0000	0.0295	0.00780	0.02509	0.13535	64	0.00E+00	0.00E+00	3.21E-05	1.06E-05	3.39E-05	2.34E-04	1.93E-02	1.96E-02
SSD-4	12/29/22	60	82.8	54.4	514.4	0.074	0.002	0.998	376.5	0.00266	4968	0.00000	0.00000	0.0144	0.01051	0.05087	0.26539	461	0.00E+00	0.00E+00	1.10E-05	1.00E-05	4.84E-05	3.23E-04	9.76E-02	9.80E-02
SSD-5[1]	2/9/23	60	100.4	54.3	514.3	0.074	0.002	0.998	376.5	0.00266	6026	0.00000	0.00000	0.0144	0.0105	0.0509	0.2654	461	0.00E+00	0.00E+00	1.33E-05	1.21E-05	5.87E-05	3.91E-04	1.18E-01	1.19E-01
SSD-6	12/29/22	60	137.2	50.8	510.8	0.037	0.001	0.999	373.4	0.00268	8230	0.00000	0.00000	0.0014	0.00064	0.00231	0.00042	137	0.00E+00	0.00E+00	1.75E-06	1.02E-06	3.66E-06	8.62E-07	4.84E-02	4.84E-02
SSD-7	2/9/23	60	108.7	46.9	506.9	0.037	0.001	0.999	370.6	0.00270	6523	0.00000	0.00000	0.3590	0.33233	1.63000	0.00531	3230	0.00E+00	0.00E+00	3.67E-04	4.22E-04	2.07E-03	8.61E-06	9.12E-01	9.15E-01
EX-1	2/9/23	60	18.8	58.0	518.0	1.104	0.037	0.963	392.7	0.00255	1125	0.00428	0.00223	0.0074	0.00543	0.00576	0.00133	10100	2.03E-06	8.40E-07	1.22E-06	1.12E-06	1.19E-06	3.50E-07	4.64E-01	4.64E-01
EX-2[2]	2/9/23	60	23.8	50.1	510.1	1.178	0.039	0.961	387.7	0.00258	1425	0.00428	0.00223	0.0074	0.00543	0.00576	0.00133	10100	2.61E-06	1.08E-06	1.57E-06	1.44E-06	1.53E-06	4.49E-07	5.95E-01	5.95E-01
Total		540									46,819								**6.20E-06**	**1.92E-06**	**9.51E-04**	**4.75E-04**	**2.28E-03**	**1.24E-03**	**2.32E+00**	**2.32E+00**
																							Mass Removal Rate (lbs/day PCE, TCE, acetone, 2-butanone (MEK), tetrahydrofuran and toluene)			**1.32E-02**
																							Mass Removal Rate (lbs/day methane)			**5.56E+01**

Notes:

$V=nRT/p$ *Where: V = volume of the gas; P = pressure of the gas; n = 1 lb-mole; R = Ideal Gas Constant*

Mass Removed = [(1 / Volume of gas) x (time elapsed) x (Flow) x (Concentration CVOC) x (molecular weight CVOC)] / $1x10^6$

Molecular weights (g/mole): PCE 165.83, TCE 131.39, acetone 84.93, 2-butanone 72.11, tetrahydrofuran 72.11, toluene 92.14, methane, 16.04

CFM = cubic foot per minute

ppmv = parts per million by volume

lbs = pounds

1-in-Hg = 0.033421 atm

SSD-5[1] No sample collected from SSD-5. Lab data for SSD-4, located closesd to SSD-5, was used for estimated mass removal calculations

EX-2[2] No sample collected from EX-2. Lab data for EX-1, located closesd to EX-2, was used for estimated mass removal calculations

TABLE 10
MASS REMOVAL CALCULATIONS -LABORATORY ANALYTICAL DATA
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample Location	Sample Date	Extrapolated[3] Sample Duration (minutes)	Average Flow Rate (CFM)	Temp. (°F)	Temp. (R)	In-Hg	Atm. (Relative)	Atm. (Corrected)	V=nRT/p	lb mole	Volume of Removed Soil Vapor (CF)	PCE (ppmv)	TCE (ppmv)	Acetone (ppm)	MEK (ppmv)	Tetrahydrofuran (ppmv)	Toluene (ppmv)	Methane (ppmv)	PCE Mass Removed (lbs)	TCE Mass Removed (lbs)	Acetone Removed (lbs)	MEK Mass Removed (lbs)	Tetrahydrofuran Mass Removed (lbs)	Toluene Mass Removed (lbs)	Methane Mass Removed (lbs)	Total Mass Removed (lbs)
SSD-1	12/29/22	60	90.0	51.0	511.0	0.074	0.002	0.998	374.1	0.00267	5400	0.00000	0.00000	0.0278	0.00780	0.02916	0.10350	228	0.00E+00	0.00E+00	2.33E-05	8.12E-06	3.04E-05	1.38E-04	5.28E-02	5.30E-02
SSD-2	12/29/22	60	101.7	49.2	509.2	0.110	0.004	0.996	373.2	0.00268	6102	0.00057	0.00000	0.0265	0.00746	0.02476	0.09554	33	1.56E-06	0.00E+00	2.52E-05	8.80E-06	2.92E-05	1.44E-04	8.65E-03	8.86E-03
SSD-3	12/29/22	60	117.0	50.6	510.6	0.110	0.004	0.996	374.2	0.00267	7020	0.00000	0.0000	0.0295	0.00780	0.02509	0.13535	64	0.00E+00	0.00E+00	3.21E-05	1.06E-05	3.39E-05	2.34E-04	1.93E-02	1.96E-02
SSD-4	12/29/22	60	82.8	54.4	514.4	0.074	0.002	0.998	376.5	0.00266	4968	0.00000	0.00000	0.0144	0.01051	0.05087	0.26539	461	0.00E+00	0.00E+00	1.10E-05	1.00E-05	4.84E-05	3.23E-04	9.76E-02	9.80E-02
SSD-5[1]	2/9/23	60	100.4	54.3	514.3	0.074	0.002	0.998	376.5	0.00266	6026	0.00000	0.00000	0.0144	0.0105	0.0509	0.2654	461	0.00E+00	0.00E+00	1.33E-05	1.21E-05	5.87E-05	3.91E-04	1.18E-01	1.19E-01
SSD-6	12/29/22	60	137.2	50.8	510.8	0.037	0.001	0.999	373.4	0.00268	8230	0.00000	0.00000	0.0014	0.00064	0.00231	0.00042	137	0.00E+00	0.00E+00	1.75E-06	1.02E-06	3.66E-06	8.62E-07	4.84E-02	4.84E-02
SSD-7	2/9/23	60	108.7	46.9	506.9	0.037	0.001	0.999	370.6	0.00270	6523	0.00000	0.00000	0.3590	0.33233	1.63000	0.00531	3230	0.00E+00	0.00E+00	3.67E-04	4.22E-04	2.07E-03	8.61E-06	9.12E-01	9.15E-01
EX-1	2/9/23	60	18.8	58.0	518.0	1.104	0.037	0.963	392.7	0.00255	1125	0.00428	0.00223	0.0074	0.00543	0.00576	0.00133	10100	2.03E-06	8.40E-07	1.22E-06	1.12E-06	1.19E-06	3.50E-07	4.64E-01	4.64E-01
EX-2[2]	2/9/23	60	23.8	50.1	510.1	1.178	0.039	0.961	387.7	0.00258	1425	0.00428	0.00223	0.0074	0.00543	0.00576	0.00133	10100	2.61E-06	1.08E-06	1.57E-06	1.44E-06	1.53E-06	4.49E-07	5.95E-01	5.95E-01
Total		540									46,819								**6.20E-06**	**1.92E-06**	**9.51E-04**	**4.75E-04**	**2.28E-03**	**1.24E-03**	**2.32E+00**	**2.32E+00**
																								Mass Removal Rate (lbs/day PCE, TCE, acetone, 2-butanone (MEK), tetrahydrofuran and toluene)		**1.32E-02**
																								Mass Removal Rate (lbs/day methane)		**5.56E+01**

Notes:

V=nRT/p *Where: V = volume of the gas; P = pressure of the gas; n = I lb-mole; R = Ideal Gas Constant (0.7302); T*

Mass Removed = [(1 / Volume of gas) x (time elapsed) x (Flow) x (Concentration CVOC) x (molecular weight CVOC)] / $1x10^6$

Molecular weights (g/mole): PCE 165.83, TCE 131.39, acetone 84.93, 2-butanone 72.11, tetrahydrofuran 72.11, toluene 92.14, methane, 16.04

CFM = cubic foot per minute

ppmv = parts per million by volume

lbs = pounds

1-in-Hg = 0.033421 atm

SSD-5[1] No sample collected from SSD-5. Lab data for SSD-4, located closesd to SSD-5, was used for estimated mass removal calculations

EX-2[2] No sample collected from EX-2. Lab data for EX-1, located closesd to EX-2, was used for estimated mass removal calculations

Extrapolated[3] Sample Duration (minutes) -Lab samples were collected in canisters equipped with 30-minute regulators. A sample duration of 60-minutes was used to calculate mass removal in pounds per hour in accordance with the AERSCREEN model input requirements.

TABLE 11
AERSCREEN Model Input and Output Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Compound	Projected Total System Flow (CFM)	Average Temp. (°F)	Pilot Test Mass Removed (lbs/Hr)	Maximum 1-Hour Concentration (AERSCREEN Model Output)	AGC	SGC	Exceeds AGC/ SGC
Acetone	780	51.7	9.51E-04	0.78932	30,000	180,000	No
2-Butanone/ MEK	780	51.7	4.75E-04	0.39433	5,000	13,000	No
Tetrahydrofuran	780	51.7	2.28E-03	0.18929	350	30,000	No
Toluene	780	51.7	1.24E-03	1.0292	5,000	37,000	No
PCE	780	51.7	6.20E-06	0.00514	3.8	300	No
TCE	780	51.7	1.92E-06	0.00159	0.21	20	No

Notes

Projected flow rates based on pilot testing data.

Temperature readings are an average of pilot testing extracted vapor temperatures

Mass removed is based on laboratory analytical data.

AGC - Annual Guideline Concentration

SGC - Short-trem Guideline Concentration

NYSDEC DAR-1 *Guidelines for the Evaluation and Control of Ambient Air Contaminants Under 6NYCRR Part 212* does not provide AGC/ SGC guidelines for methane emissions

Table 12 - VOC Sediment Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
l Units in Milligrams per Kilogram (mg/K							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER																		
1,1,1,2-Tetrachloroethane	< 9	9 - 18	> 18	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,1,1-Trichloroethane	< 1.9	1.9 - 3.5	> 3.5	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,1,2,2-Tetrachloroethane	< 2.8	2.8 - 5.4	> 5.4	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,1,2-Trichloroethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,1-Dichloroethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,1-Dichloroethylene	< 0.52	0.52 - 4.7	> 4.7	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,1-Dichloropropylene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2,3-Trichlorobenzene	< 0.23	0.23 - 2.8	> 2.8	~	~	0.25	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2,3-Trichloropropane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2,4,5-Tetramethylbenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2,4-Trichlorobenzene	< 35	35 - 55	> 55	~	~	0.25	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2,4-Trimethylbenzene	< 3.4	3.4 - 30	> 30	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2-Dibromo-3-chloropropane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2-Dibromoethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2-Dichlorobenzene	< 0.28	0.28- - 2.5	> 2.5	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2-Dichloroethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,2-Dichloropropane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,3,5-Trimethylbenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,3-Dichlorobenzene	< 1.8	1.8 - 7.1	> 7.1	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,3-Dichloropropane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
1,4-Dichlorobenzene	< 0.72	0.72 - 3.3	> 3.3	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00510	J	0.00270	U
1,4-Dioxane	~	~	~	~	~	~	0.0860	U	0.200	U	0.110	U	0.110	U	0.0670	U	0.0530	U
2,2-Dichloropropane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
2-Butanone	~	~	~	~	~	~	0.00790	J	0.0800		0.0850		0.00560	U	0.0540		0.00600	
2-Chloroethylvinyl ether	~	~	~	~	~	~	0.0170	U	0.0410	U	0.0220	U	0.0220	U	0.0130	U	0.0110	U
2-Chlorotoluene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
2-Hexanone	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
4-Chlorotoluene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
4-Methyl-2-pentanone	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Acetone	~	~	~	~	~	~	0.0190		0.190		0.230		0.0130	J	0.100		0.00530	U
Acrolein	~	~	~	~	~	~	0.00860	U	0.0200	U	0.0110	U	0.0110	U	0.00670	U	0.00530	U
Acrylonitrile	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Benzene	< 0.53	0.53 – 1.9	>1.9	~	0.025	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Bromobenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Bromochloromethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Bromodichloromethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Bromoform	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Bromomethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Carbon disulfide	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Carbon tetrachloride	< 1.07	1.07 - 9.6	> 9.6	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Chlorobenzene	< 0.2	0.2 - 1.7	> 1.7	~	5.2	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.0730		0.00270	U
Chloroethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Chloroform	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Chloromethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
cis-1,2-Dichloroethylene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
cis-1,3-Dichloropropylene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U

Table 12 - VOC Sediment Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
l Units in Milligrams per Kilogram (mg/K							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Cyclohexane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Dibromochloromethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Dibromomethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Dichlorodifluoromethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Diisopropyl ether (DIPE)	~	~	~	~	~	~	0.00690	U	0.0160	U	0.00900	U	0.00890	U	0.00530	U	0.00420	U
Ethanol	~	~	~	~	~	~	0.0690	U	0.160	U	0.0900	U	0.0890	U	0.0530	U	1.100	
Ethyl Benzene	< 0.43	0.43 - 3.7	> 3.7	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Ethyl tert-butyl ether (ETBE)	~	~	~	~	~	~	0.00690	U	0.0160	U	0.00900	U	0.00890	U	0.00530	U	0.00420	U
Hexachlorobutadiene	< 1.2	1.2 - 12	> 12	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Iodomethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Isopropylbenzene	< 0.21	0.21 - 1.8	> 1.8	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Methyl acetate	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00350	J
Methyl Methacrylate	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Methyl tert-butyl ether (MTBE)	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Methylcyclohexane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Methylene chloride	~	~	~		0.068	~	0.00860	U	0.0200	U	0.0110	U	0.0110	U	0.00670	U	0.00530	U
Naphthalene	~	~	~	7.7	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
n-Butylbenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
n-Propylbenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
o-Xylene	< 0.082	0.082 -7.2	> 7.24	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
p- & m- Xylenes	< 0.048	0.048 - 4.2	> 420	~	~	~	0.00860	U	0.0200	U	0.0110	U	0.0110	U	0.00670	U	0.00530	U
p-Diethylbenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
p-Ethyltoluene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
p-Isopropyltoluene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
sec-Butylbenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Styrene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
tert-Amyl alcohol (TAA)	~	~	~	~	~	~	0.0690	U	0.160	U	0.0900	U	0.0890	U	0.0530	U	0.0420	U
tert-Amyl methyl ether (TAME)	~	~	~	~	~	~	0.00690	U	0.0160	U	0.00900	U	0.00890	U	0.00530	U	0.00420	U
tert-Butyl alcohol (TBA)	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
tert-Butylbenzene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Tetrachloroethylene	< 16	16 - 57	> 57	~	0.044	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Tetrahydrofuran	~	~	~	~	~	~	0.00860	U	0.0200	U	0.0110	U	0.0110	U	0.00670	U	0.00530	U
Toluene	< 0.93	0.93 - 4.5	> 4.5	~	56	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
trans-1,2-Dichloroethylene	< 1.2	1.2 - 11	> 11	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
trans-1,3-Dichloropropylene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
trans-1,4-dichloro-2-butene	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Trichloroethylene	< 1.8	1.8 - 8.6	> 8.6	~	0.25	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Trichlorofluoromethane	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Vinyl acetate	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Vinyl Chloride	~	~	~	~	~	~	0.00430	U	0.0100	U	0.00560	U	0.00560	U	0.00330	U	0.00270	U
Xylenes, Total	< 0.59	0.59 - 5.2	> 5.2	~	~	~	0.0130	U	0.0310	U	0.0170	U	0.0170	U	0.0100	U	0.00800	U

NOTES:
ANALYTE DETECTED and/or below Table 5 - Freshwater Sediment Guidance Values - Class A (if applicable)
ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class B
ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class C
ANALYTE DETECTED ABOVE Table 7 - PAH Sediment Guidance Values
ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health
ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution

Table 12 - SVOC Sediment Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER																		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil																		
1,4-Dioxane	~	~	~	~	~	~	0.0196	U	0.0183	U	0.0194	U	0.0194	U	0.0187	U	0.0194	U
SVOA, 8270 MASTER																		
1,1-Biphenyl	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
1,2,4,5-Tetrachlorobenzene	~	~	~	~	~	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
1,2,4-Trichlorobenzene	~	~	~	~	~	0.25	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
1,2-Dichlorobenzene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
1,3-Dichlorobenzene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
1,4-Dichlorobenzene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2,3,4,6-Tetrachlorophenol	~	~	~	~	~	0.099	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
2,4,5-Trichlorophenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2,4,6-Trichlorophenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2,4-Dichlorophenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2,4-Dimethylphenol	~	~	~	~	3.6	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2,4-Dinitrophenol	~	~	~	~	0.28	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
2,4-Dinitrotoluene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2,6-Dinitrotoluene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2-Chloronaphthalene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2-Chlorophenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2-Methylnaphthalene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2-Methylphenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2-Nitroaniline	~	~	~	~	~	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
2-Nitrophenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
3- & 4-Methylphenols	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
3,3-Dichlorobenzidine	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
3-Nitroaniline	~	~	~	~	~	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
4,6-Dinitro-2-methylphenol	~	~	~	~	~	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
4-Bromophenyl phenyl ether	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
4-Chloro-3-methylphenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
4-Chloroaniline	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
4-Chlorophenyl phenyl ether	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
4-Nitroaniline	~	~	~	~	~	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
4-Nitrophenol	~	~	~	~	~	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
Acenaphthene	~	~	~	9.82	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Acenaphthylene	~	~	~	9.04	~	~	0.0708	U	0.104	U	0.0861	U	0.410	D	0.120	U	0.0605	U
Acetophenone	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Aniline	~	~	~	~	~	~	0.283	U	0.416	U	0.344	U	0.487	U	0.481	U	0.242	U
Anthracene	~	~	~	11.88	~	~	0.0708	U	0.104	U	0.0861	U	0.175	JD	0.120	U	0.138	D
Atrazine	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Benzaldehyde	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Benzidine	~	~	~	~	~	~	0.283	U	0.416	U	0.344	U	0.487	U	0.481	U	0.242	U
Benzo(a)anthracene	~	~	~	16.82	~	~	0.0708	U	0.104	U	0.0906	JD	0.122	U	0.120	U	0.886	D
Benzo(a)pyrene	~	~	~	19.28	0.0044 - 0.018	~	0.0708	U	0.104	U	0.136	JD	0.146	JD	0.120	U	1.050	D
Benzo(b)fluoranthene	~	~	~	19.58	~	~	0.0708	U	0.104	U	0.141	JD	0.122	U	0.120	U	1.140	D
Benzo(g,h,i)perylene	~	~	~	21.9	~	~	0.0708	U	0.104	U	0.107	JD	0.122	U	0.120	U	0.876	D
Benzo(k)fluoranthene	~	~	~	19.6	~	~	0.0708	U	0.104	U	0.107	JD	0.122	U	0.120	U	0.874	D

Table 12 - SVOC Sediment Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzoic acid	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Benzyl alcohol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Benzyl butyl phthalate	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Bis(2-chloroethoxy)methane	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Bis(2-chloroethyl)ether	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Bis(2-chloroisopropyl)ether	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Bis(2-ethylhexyl)phthalate	< 360	> 360	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Caprolactam	~	~	~	~	~	~	0.141	U	0.208	U	0.172	U	0.243	U	0.240	U	0.121	U
Carbazole	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.120	JD
Chrysene	~	~	~	16.86	~	~	0.0708	U	0.104	U	0.124	JD	0.134	JD	0.120	U	1.150	D
Dibenzo(a,h)anthracene	~	~	~	22.44	0.0098	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Dibenzofuran	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Diethyl phthalate	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Dimethyl phthalate	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Di-n-butyl phthalate	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Di-n-octyl phthalate	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Fluoranthene	~	~	~	14.16	~	~	0.0708	U	0.104	U	0.207	D	0.152	JD	0.120	U	2.370	D
Fluorene	~	~	~	10.78	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Hexachlorobenzene	~	~	~	~	0.00019	0.0061	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Hexachlorobutadiene	~	~	~	~	0.012	0.137	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Hexachlorocyclopentadiene	< 0.81	0.81 - 8.1	> 8.1	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Hexachloroethane	~	~	~	~	0.11	2.7	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Indeno(1,2,3-cd)pyrene	~	~	~	22.3	~	~	0.0708	U	0.104	U	0.106	JD	0.122	U	0.120	U	0.746	D
Isophorone	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Naphthalene	~	~	~	7.7	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Nitrobenzene	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
N-Nitrosodimethylamine	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
N-nitroso-di-n-propylamine	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
N-Nitrosodiphenylamine	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Pentachlorophenol	< 14	14 -19	> 19	~	~	0.13	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
Phenanthrene	~	~	~	11.94	~	~	0.0708	U	0.104	U	0.0861	U	0.148	JD	0.120	U	1.160	D
Phenol	~	~	~	~	~	~	0.0708	U	0.104	U	0.0861	U	0.122	U	0.120	U	0.0605	U
2	~	~	~	13.96	~	~	0.0708	U	0.104	U	0.174	D	0.266	D	0.120	U	1.980	D
Total PAH	< 4	4 - 35	> 35		~	~	0.0000	U	0.000	U	1.193		1.431		0.000	U	12.490	

NOTES:

ANALYTE DETECTED and/or below Table 5 - Freshwater Sediment Guidance Values - Class A (if applicable)

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class B

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class C

ANALYTE DETECTED ABOVE Table 7 - PAH Sediment Guidance Values

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection

Table 12 - Pesticide Sediment Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix All Units in Milligrams per Kilogram (mg/Kg)	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER																		
4,4'-DDD	~	~	~	~	0.0014	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
4,4'-DDE	~	~	~	~	0.00062	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
4,4'-DDT	0.044	0.044 - 480	> 480	~	0.00044	0.00048	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Aldrin	~	~	~	~	~	0.0011	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
alpha-BHC	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
alpha-Chlordane	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
beta-BHC	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Chlordane, total	< 0.068	0.068 – 380	> 380	~	0.00032	0.0076	0.0568	U	0.165	U	0.0691	U	0.0962	U	0.0951	U	0.0478	U
delta-BHC	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Dieldrin	< 0.18	0.18 - 0.78	> 0.78	~	0.000002	0.0011	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Endosulfan I	< 0.001	0.001 - 0.02	> 0.02	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Endosulfan II	< 0.001	0.001 - 0.02	> 0.02	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Endosulfan sulfate	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Endrin	< 0.09	0.09 - 0.22	> 0.22	~	0.0052	0.0014	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Endrin aldehyde	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Endrin ketone	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
gamma-BHC (Lindane)	< 0.047	0.047 - 0.078	> 0.078	~	0.00065	0.021	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
gamma-Chlordane	~	~	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Heptachlor	< 0075	0.075 - 10	> 10	~	0.004	0.0052	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Heptachlor epoxide	< 0.015	0.015 - 2.1	> 2.1	~	0.0012	0.0052	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Methoxychlor	< 0.059	> 0.059	~	~	~	~	0.00284	U	0.00827	U	0.00345	U	0.00481	U	0.00475	U	0.00239	U
Toxaphene	< 0.006	0.006 - 0.025	> 0.025	~	0.000002	~	0.284	U	0.827	U	0.345	U	0.481	U	0.475	U	0.239	U

NOTES:

ANALYTE DETECTED and/or below Table 5 - Freshwater Sediment Guidance Values - Class A (if applicable)

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class B

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class C

ANALYTE DETECTED ABOVE Table 7 - PAH Sediment Guidance Values

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method Detection

Table 12 - TAL Metals Sediment Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
All Units in Milligrams per Kilogram (mg/Kg)							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte																		
Aluminum	~	~	~	~	~	~	27,700		11,500		17,800		33,000		5,430		7,140	
Antimony	~	~	~	~	~	~	3.600	U	5.250	U	4.380	U	6.090	U	3.020	U	3.030	U
Arsenic	<10	10-33	~	~	~	~	8.360		6.670		9.780		**13.500**		2.310		3.010	
Barium	~	~	~	~	~	~	175		105		102		230		22.700		29.700	
Beryllium	~	~	~	~	~	~	1.170		0.595		0.782		1.370		0.647		0.559	
Cadmium	< 1	1 – 5	> 5	~	~	~	0.432	U	0.631	U	0.525	U	0.731	U	0.363	U	0.434	
Calcium	~	~	~	~	~	~	3,340		6,000		9,610		4,410		87,600		78,300	
Chromium	< 43	43 – 110	> 110	~	~	~	29.100		16.400		22.600		36.800		5.190		14.400	
Cobalt	~	~	~	~	~	~	13.800		9.080		9.640		17.800		2.850		3.360	
Copper	< 32	32 - 150	> 150	~	~	~	25.400		**32**		**41.700**		**32.500**		12.600		**39.400**	
Iron	~	~	~	~	~	~	30,700		20,300		27,900		39,400		11,100		11,200	
Lead	< 36	36 - 130	> 130	~	~	~	**37**		24.800		**52.600**		**47.100**		10.800		23.800	
Magnesium	~	~	~	~	~	~	5,940		4,560		8,590		7,270		50,800		46,100	
Manganese	~	~	~	~	~	~	741		733		507		858		210		172	
Nickel	< 23	23 - 49	> 49	~	~	~	**27.300**		20.100		**26**		**34.100**		10.400		12.800	
Potassium	~	~	~	~	~	~	2,900		1,610		1,710		3,200		973		1,810	
Selenium	~	~	~	~	~	~	5.860		5.250	U	4.380	U	7.960		3.020	U	3.030	U
Silver	<1	1 - 2.2	> 2.2	~	~	~	0.725	U	1.060	U	0.882	U	1.230	U	0.609	U	0.610	U
Sodium	~	~	~	~	~	~	437		250		139		341		125		160	
Thallium	~	~	~	~	~	~	3.600	U	5.250	U	4.380	U	6.090	U	3.020	U	3.030	U
Vanadium	~	~	~	~	~	~	40.300		20.200		28.800		50.900		24.900		15.300	
Zinc	< 120	120 - 460	> 460	~	~	~	110		96.200		**149**		**148**		36.800		**124**	
Mercury by 7473																		
Mercury	<0.2	0.2 - 1	> 1	~	~	~	0.0836		0.101		0.0693		0.130		0.0435	U	0.0436	U
Cyanide, Total																		
Cyanide, total	~	~	~	~	~	~	0.863	U	1.260	U	1.050	U	1.460	U	0.725	U	0.726	U

NOTES:

ANALYTE DETECTED and/or below Table 5 - Freshwater Sediment Guidance Values - Class A (if applicable)

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class B

ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class C

ANALYTE DETECTED ABOVE Table 7 - PAH Sediment Guidance Values

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health

ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J= Analyte detected at or above the MDL (Method

Table 12 - PCB Sediment Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix All Units in Milligrams per Kilogram (mg/Kg)	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER																		
Aroclor 1016	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1221	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1232	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1242	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1248	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1254	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1260	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1262	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Aroclor 1268	~	~	~	~	~	~	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U
Total PCBs	< 0.1	0.1 - 1	> 1	~	0.0002	0.0041	0.0287	U	0.0835	U	0.0349	U	0.0486	U	0.0480	U	0.0241	U

NOTES:
ANALYTE DETECTED and/or below Table 5 - Freshwater Sediment Guidance Values - Class A (if applicable)
ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class B
ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class C
ANALYTE DETECTED ABOVE Table 7 - PAH Sediment Guidance Values
ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health
ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution
J= Analyte detected at or above the MDL (Method Detection

Table 12 - PFAS Sediment Data
10-14 Tucker Drive, Poughkeepsie NY
BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	Table 5 - Freshwater Sediment Guidance Values - Class A	Table 5 - Freshwater Sediment Guidance Values - Class B	Table 5 - Freshwater Sediment Guidance Values - Class C	Table 7 - PAH Sediment Guidance Values	Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health	Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife	Sed-1 24C1134-01 3/18/2024 Sediment		Sed-2 24C1134-02 3/18/2024 Sediment		Sed-3 24C1134-03 3/18/2024 Sediment		Sed-4 24C1134-04 3/18/2024 Sediment		Sed-5 24C1134-05 3/18/2024 Sediment		Sed-6 24C1134-06 3/18/2024 Sediment	
All Units in Micrograms per Kilogram (ug/Kg)							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List																		
11CL-PF3OUdS	~	~	~	~	~	~	0.00054	U	0.00078	U	0.00065	U	0.00091	U	0.00045	U	0.00045	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	~	~	~	~	0.00130	U	0.00190	U	0.00159	U	0.00221	U	0.00109	U	0.00110	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	~	~	~	~	~	0.00103	U	0.00150	U	0.00125	U	0.00174	U	0.00086	U	0.00086	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	~	~	~	~	0.00103	U	0.00150	U	0.00125	U	0.00174	U	0.00086	U	0.00086	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	~	~	~	~	~	0.00259	U	0.00378	U	0.00315	U	0.00439	U	0.00218	U	0.00218	U
3-Perfluoropentyl propanoic acid (FPePA)	~	~	~	~	~	~	0.00362	U	0.00529	U	0.00441	U	0.00614	U	0.00304	U	0.00305	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	~	~	~	~	~	0.00109	U	0.00160	U	0.00133	U	0.00185	U	0.00092	U	0.00092	U
9CL-PF3ONS	~	~	~	~	~	~	0.00043	U	0.00062	U	0.00052	U	0.00072	U	0.00036	U	0.00036	U
ADONA	~	~	~	~	~	~	0.00030	U	0.00044	U	0.00037	U	0.00051	U	0.00025	U	0.00025	U
HFPO-DA (Gen-X)	~	~	~	~	~	~	0.00105	U	0.00153	U	0.00128	U	0.00178	U	0.00088	U	0.00088	U
N-EtFOSA	~	~	~	~	~	~	0.00034	U	0.00050	U	0.00042	U	0.00058	U	0.00029	U	0.00029	U
N-EtFOSAA	~	~	~	~	~	~	0.00034	U	0.00049	U	0.00041	U	0.00057	U	0.00115		0.00028	U
N-EtFOSE	~	~	~	~	~	~	0.00120	U	0.00176	U	0.00146	U	0.00204	U	0.00101	U	0.00101	U
N-MeFOSA	~	~	~	~	~	~	0.00031	U	0.00045	U	0.00038	U	0.00053	U	0.00026	U	0.00026	U
N-MeFOSAA	~	~	~	~	~	~	0.00026	U	0.00037	U	0.00031	U	0.00043	U	0.00022	U	0.00022	U
N-MeFOSE	~	~	~	~	~	~	0.00105	U	0.00154	U	0.00128	U	0.00179	U	0.00089	U	0.00089	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	~	~	~	~	~	0.00024	U	0.00035	U	0.00029	U	0.00041	U	0.00020	U	0.00020	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	~	~	~	~	0.00033	U	0.00048	U	0.00040	U	0.00056	U	0.00028	U	0.00028	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	~	~	~	~	0.00027	U	0.00039	U	0.00033	U	0.00045	U	0.00023	U	0.00023	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	~	~	~	~	~	0.00021	U	0.00031	U	0.00026	U	0.00036	U	0.00018	U	0.00018	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	~	~	~	~	0.00025	U	0.00037	U	0.00031	U	0.00043	U	0.00021	U	0.00021	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	~	~	~	~	~	0.00027	U	0.00040	U	0.00033	U	0.00046	U	0.00023	U	0.00023	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	~	~	~	~	~	0.00033	U	0.00049	U	0.00041	U	0.00057	U	0.00028	U	0.00028	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	~	~	~	~	~	0.00011	U	0.00016	U	0.00013	U	0.00018	U	0.00009	U	0.00009	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	~	~	~	~	~	0.00017	U	0.00024	U	0.00020	U	0.00028	U	0.00014	U	0.00014	U
Perfluorobutanesulfonic acid (PFBS)	~	~	~	~	~	~	0.00019	U	0.00028	U	0.00023	U	0.00033	U	0.00016	U	0.00016	U
Perfluorodecanoic acid (PFDA)	~	~	~	~	~	~	0.00033	U	0.00048	U	0.00040	U	0.00056	U	0.00028	U	0.00034	
Perfluorododecanesulfonic acid (PFDoS)	~	~	~	~	~	~	0.00029	U	0.00043	U	0.00036	U	0.00049	U	0.00025	U	0.00025	U
Perfluorododecanoic acid (PFDoA)	~	~	~	~	~	~	0.00028	U	0.00041	U	0.00034	U	0.00048	U	0.00024	U	0.00027	J
Perfluoroheptanoic acid (PFHpA)	~	~	~	~	~	~	0.00023	J	0.00027	U	0.00022	U	0.00031	U	0.00015	U	0.00015	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	~	~	~	~	0.00031	U	0.00045	U	0.00038	U	0.00052	U	0.00026	U	0.00026	U
Perfluorohexanoic acid (PFHxA)	~	~	~	~	~	~	0.00024	J	0.00013	U	0.00011	U	0.00016	U	0.00008	U	0.00008	J
Perfluoro-n-butanoic acid (PFBA)	~	~	~	~	~	~	0.00019	U	0.00028	U	0.00023	U	0.00032	U	0.00016	U	0.00016	U
Perfluorononanoic acid (PFNA)	~	~	~	~	~	~	0.00033	U	0.00048	U	0.00040	U	0.00055	U	0.00027	U	0.00028	U
Perfluorooctanesulfonic acid (PFOS)	~	~	~	~	~	~	0.00198		0.00117		0.00084		0.00385		0.00209		0.00127	
Perfluorooctanoic acid (PFOA)	~	~	~	~	~	~	0.00096		0.00043	U	0.00036	U	0.00050	U	0.00025	U	0.00025	U
Perfluoropentanoic acid (PFPeA)	~	~	~	~	~	~	0.00019	U	0.00028	U	0.00023	U	0.00032	U	0.00016	U	0.00016	U
Perfluorotetradecanoic acid (PFTA)	~	~	~	~	~	~	0.00018	U	0.00026	U	0.00022	U	0.00030	U	0.00015	U	0.00016	J
Perfluorotridecanoic acid (PFTrDA)	~	~	~	~	~	~	0.00022	U	0.00032	U	0.00026	U	0.00037	U	0.00018	U	0.00018	U
Perfluoroundecanoic acid (PFUnA)	~	~	~	~	~	~	0.00034	U	0.00050	U	0.00042	U	0.00058	U	0.00029	U	0.00038	

NOTES:
ANALYTE DETECTED and/or below Table 5 - Freshwater Sediment Guidance Values - Class A (if applicable)
ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class B
ANALYTE Meets Table 5 - Freshwater Sediment Guidance Values - Class C
ANALYTE DETECTED ABOVE Table 7 - PAH Sediment Guidance Values
ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Human Health
ANALYTE DETECTED ABOVE Table 8 - Bioaccumulation-based Sediment Guidance Values - Wildlife
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution

Table 13 - VOC Surface Water Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	SWS-1 24C1134-07 3/18/2024 Surface Water		SWS-2 24C1134-08 3/18/2024 Surface Water		SWS-3 24C1134-09 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
VOCs, 8260							
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U
1,1-Dichloropropylene	5	0.314	U	0.314	U	0.314	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	*0.273*	*U*	*0.273*	*U*	*0.273*	*U*
1,2,4,5-Tetramethylbenzene	~	0.255	U	0.255	U	0.255	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.310	U	0.310	U	0.310	U
1,2-Dibromo-3-chloropropane	0.04	*0.432*	*U*	*0.432*	*U*	*0.432*	*U*
1,2-Dibromoethane	0.0006	*0.215*	*U*	*0.215*	*U*	*0.215*	*U*
1,2-Dichlorobenzene	3	0.270	U	0.270	U	0.270	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U
1,4-Dioxane	0.35	*35.300*	*U*	*35.300*	*U*	*35.300*	*U*
2,2-Dichloropropane	5	0.466	U	0.466	U	0.466	U
2-Butanone	50	0.421	U	0.421	U	0.421	U
2-Chlorotoluene	5	0.376	U	0.376	U	0.376	U
2-Hexanone	50	0.320	U	0.320	U	0.320	U
4-Chlorotoluene	5	0.311	U	0.311	U	0.311	U
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U
Acetone	50	1.340	U	1.340	U	1.340	U
Acrolein	~	0.447	U	0.447	U	0.447	U
Acrylonitrile	~	0.422	U	0.422	U	0.422	U
Benzene	1	0.279	U	0.279	U	0.279	U
Bromobenzene	5	0.367	U	0.367	U	0.367	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U
Bromoform	50	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	U	0.119	U	0.119	U
Carbon disulfide	~	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	0.284	U	0.550		0.284	U
Chloroethane	5	0.448	U	0.448	U	0.448	U
Chloroform	7	0.243	U	0.243	U	0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	0.294	U
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U
Cyclohexane	~	0.491	U	0.491	U	0.491	U
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U
Diisopropyl ether (DIPE)	~	0.466	U	0.466	U	0.466	U
Ethyl Benzene	5	0.290	U	0.290	U	0.290	U
Ethyl tert-butyl ether (ETBE)	~	0.479	U	0.479	U	0.479	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U
Iodomethane	~	0.477	U	0.477	U	0.477	U
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U
Methyl acetate	~	0.442	U	0.442	U	0.442	U
Methyl Methacrylate	~	0.415	U	0.415	U	0.415	U
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.244	U	0.244	U
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U
Naphthalene	10	0.270	JB	0.560	JB	0.400	JB
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U
tert-Amyl alcohol (TAA)	~	4.160	U	4.160	U	4.160	U
tert-Amyl methyl ether (TAME)	~	0.511	U	0.511	U	0.511	U
tert-Butyl alcohol (TBA)	~	0.608	U	0.608	U	0.608	U
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U

Table 13 - VOC Surface Water Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	SWS-1 24C1134-07 3/18/2024 Surface Water		SWS-2 24C1134-08 3/18/2024 Surface Water		SWS-3 24C1134-09 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
Tetrachloroethylene	5	0.239	U	0.239	U	0.239	U
Tetrahydrofuran	~	0.485	U	0.485	U	0.485	U
Toluene	5	0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U
trans-1,4-dichloro-2-butene	~	0.283	U	0.283	U	0.283	U
Trichloroethylene	5	0.249	U	0.249	U	0.249	U
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U
Vinyl acetate	~	0.477	U	0.477	U	0.477	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.839	U	0.839	U	0.839	U

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 13 - SVOC Surface Water Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	SWS-1 24C1134-07 3/18/2024 Surface Water		SWS-2 24C1134-08 3/18/2024 Surface Water		SWS-3 24C1134-09 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous							
1,4-Dioxane	0.35	0.300	U	0.304		0.300	U
SVOA, 8270 LOW MASTER							
1,1-Biphenyl	~	2.530	U	2.620	U	2.630	U
1,2,4,5-Tetrachlorobenzene	~	2.530	U	2.620	U	2.630	U
2,3,4,6-Tetrachlorophenol	~	2.530	U	2.620	U	2.630	U
2,4,5-Trichlorophenol	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
2,4,6-Trichlorophenol	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
2,4-Dichlorophenol	5	2.530	U	2.620	U	2.630	U
2,4-Dimethylphenol	50	2.530	U	2.620	U	2.630	U
2,4-Dinitrophenol	10	2.530	U	2.620	U	2.630	U
2,4-Dinitrotoluene	5	2.530	U	2.620	U	2.630	U
2,6-Dinitrotoluene	5	2.530	U	2.620	U	2.630	U
2-Chloronaphthalene	10	2.530	U	2.620	U	2.630	U
2-Chlorophenol	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
2-Methylnaphthalene	~	2.530	U	2.620	U	2.630	U
2-Methylphenol	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
2-Nitroaniline	5	2.530	U	2.620	U	2.630	U
2-Nitrophenol	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
3- & 4-Methylphenols	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
3,3-Dichlorobenzidine	5	2.530	U	2.620	U	2.630	U
3-Nitroaniline	5	2.530	U	2.620	U	2.630	U
4,6-Dinitro-2-methylphenol	~	2.530	U	2.620	U	2.630	U
4-Bromophenyl phenyl ether	~	2.530	U	2.620	U	2.630	U
4-Chloro-3-methylphenol	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
4-Chloroaniline	5	2.530	U	2.620	U	2.630	U
4-Chlorophenyl phenyl ether	~	2.530	U	2.620	U	2.630	U
4-Nitroaniline	5	2.530	U	2.620	U	2.630	U
4-Nitrophenol	1	*5.050*	*U*	*5.240*	*U*	*5.260*	*U*
Acetophenone	~	2.530	U	2.620	U	2.630	U
Benzaldehyde	~	2.530	U	2.620	U	2.630	U
Benzyl butyl phthalate	50	2.530	U	2.620	U	2.630	U
Bis(2-chloroethoxy)methane	5	2.530	U	2.620	U	2.630	U
Bis(2-chloroethyl)ether	1	*1.010*	*U*	*1.050*	*U*	*1.050*	*U*
Bis(2-chloroisopropyl)ether	5	2.530	U	2.620	U	2.630	U
Caprolactam	~	2.530	U	2.620	U	2.630	U
Carbazole	~	2.530	U	2.620	U	2.630	U
Dibenzofuran	~	2.530	U	2.620	U	2.630	U
Diethyl phthalate	50	2.530	U	2.620	U	2.630	U
Dimethyl phthalate	50	2.530	U	2.620	U	2.630	U
Di-n-butyl phthalate	50	2.530	U	2.620	U	2.630	U
Di-n-octyl phthalate	50	2.530	U	2.620	U	2.630	U
Hexachlorocyclopentadiene	5	*5.050*	*U*	*5.240*	*U*	*5.260*	*U*
Isophorone	50	2.530	U	2.620	U	2.630	U
N-nitroso-di-n-propylamine	~	2.530	U	2.620	U	2.630	U
N-Nitrosodiphenylamine	50	2.530	U	2.620	U	2.630	U
Phenol	1	*2.530*	*U*	*2.620*	*U*	*2.630*	*U*
Propargite	~	2.530	U	2.620	U	2.630	U
Pyridine	50	2.530	U	2.620	U	2.630	U
SVOA, 8270 SIM MASTER							
Acenaphthene	20	0.0505	U	0.0524	U	0.0526	U
Acenaphthylene	~	0.0505	U	0.0524	U	0.0526	U
Anthracene	50	0.0505	U	0.0524	U	0.0526	U
Atrazine	~	0.505	U	0.524	U	0.526	U
Benzo(a)anthracene	0.002	0.0505	U	0.0524	U	0.0526	U
Benzo(a)pyrene	0.002	0.0505	U	0.0524	U	0.0526	U
Benzo(b)fluoranthene	0.002	0.0505	U	0.0524	U	0.0526	U
Benzo(g,h,i)perylene	~	0.0505	U	0.0524	U	0.0526	U
Benzo(k)fluoranthene	0.002	*0.0505*	*U*	*0.0524*	*U*	*0.0526*	*U*
Bis(2-ethylhexyl)phthalate	5	0.576		0.524	U	1.210	
Chrysene	0.002	*0.0505*	*U*	*0.0524*	*U*	*0.0526*	*U*
Dibenzo(a,h)anthracene	~	0.0505	U	0.0524	U	0.0526	U
Fluoranthene	50	0.0505	U	0.0524	U	0.0526	U
Fluorene	50	0.0505	U	0.0524	U	0.0526	U
Hexachlorobenzene	0.04	0.0202	U	0.0209	U	0.0211	U
Hexachlorobutadiene	0.5	*0.505*	*U*	*0.524*	*U*	*0.526*	*U*
Hexachloroethane	5	0.505	U	0.524	U	0.526	U
Indeno(1,2,3-cd)pyrene	0.002	*0.0505*	*U*	*0.0524*	*U*	*0.0526*	*U*
Naphthalene	10	0.0505	U	0.0524	U	0.137	
Nitrobenzene	0.4	0.253	U	0.262	U	0.263	U
N-Nitrosodimethylamine	~	0.505	U	0.524	U	0.526	U
Pentachlorophenol	1	0.253	U	0.262	U	0.263	U
Phenanthrene	50	0.0505	U	0.0524	U	0.0526	U
Pyrene	50	0.0808		0.0524	U	0.0526	U

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 13 - Pesticide Surface Water Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	SWS-1 24C1134-07 3/18/2024 Surface Water		SWS-2 24C1134-08 3/18/2024 Surface Water		SWS-3 24C1134-09 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER							
4,4'-DDD	0.3	0.00400	U	0.00400	U	0.00400	U
4,4'-DDE	0.2	0.00400	U	0.00400	U	0.00400	U
4,4'-DDT	0.2	0.00400	U	0.00400	U	0.00400	U
Aldrin	~	0.00400	U	0.00400	U	0.00400	U
alpha-BHC	0.01	0.00400	U	0.00400	U	0.00400	U
alpha-Chlordane	~	0.00400	U	0.00400	U	0.00400	U
beta-BHC	0.04	0.00400	U	0.00400	U	0.00400	U
Chlordane, total	0.05	*0.200*	*U*	*0.200*	*U*	*0.200*	*U*
delta-BHC	0.04	0.00400	U	0.00400	U	0.00400	U
Dieldrin	0.004	0.00200	U	0.00200	U	0.00200	U
Endosulfan I	~	0.00400	U	0.00400	U	0.00400	U
Endosulfan II	~	0.00400	U	0.00400	U	0.00400	U
Endosulfan sulfate	~	0.00400	U	0.00400	U	0.00400	U
Endrin	~	0.00400	U	0.00400	U	0.00400	U
Endrin aldehyde	5	0.0100	U	0.0100	U	0.0100	U
Endrin ketone	5	0.0100	U	0.0100	U	0.0100	U
gamma-BHC (Lindane)	0.05	0.00400	U	0.00400	U	0.00400	U
gamma-Chlordane	~	0.0100	U	0.0100	U	0.0100	U
Heptachlor	0.04	0.00400	U	0.00400	U	0.00400	U
Heptachlor epoxide	0.03	0.00400	U	0.00400	U	0.00400	U
Methoxychlor	35	0.00400	U	0.00400	U	0.00400	U
Toxaphene	0.06	*0.100*	*U*	*0.100*	*U*	*0.100*	*U*

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 13 - TAL Metals Surface Water Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	SWS-1 24C1134-07 3/18/2024 Surface Water		SWS-2 24C1134-08 3/18/2024 Surface Water		SWS-3 24C1134-09 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP							
Aluminum	~	67.600		55.600	U	55.600	U
Barium	1000	34.600		27.800	U	27.800	U
Calcium	~	53,700		33,400		32,800	
Chromium	50	5.560	U	5.560	U	5.560	U
Cobalt	~	4.440	U	4.440	U	4.440	U
Copper	200	22.200	U	22.200	U	22.200	U
Iron	~	1,000		579		343	
Lead	25	5.560	U	5.560	U	5.560	U
Magnesium	35000	13,000	B	6,680	B	6,630	B
Manganese	300	167		128		97.700	
Nickel	100	11.100	U	11.100	U	11.100	U
Potassium	~	1,550		1,130		1,080	
Silver	50	5.560	U	5.560	U	5.560	U
Sodium	20000	**61,000**		**23,900**		**23,300**	
Vanadium	~	11.100	U	11.100	U	11.100	U
Zinc	2000	27.800	U	27.800	U	27.800	U
Antimony	3	1.110	U	1.110	U	1.110	U
Arsenic	25	1.110	U	1.110	U	1.110	U
Beryllium	3	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	0.556	U
Selenium	10	1.110	U	1.110	U	1.110	U
Thallium	~	1.110	U	1.110	U	1.110	U
Mercury by 7470/7471							
Mercury	0.7	0.200	U	0.200	U	0.200	U
Cyanide, Total							
Cyanide, total	200	10	U	10	U	10	U

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 13 - PCB Surface Water Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	SWS-1 24C1134-07 3/18/2024 Surface Water		SWS-2 24C1134-08 3/18/2024 Surface Water		SWS-3 24C1134-09 3/18/2024 Surface Water	
ALL UNITS IN MICOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER							
Aroclor 1016	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1221	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1232	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1242	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1248	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1254	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1260	~	0.0500	U	0.0500	U	0.0500	U
Total PCBs	0.09	0.0500	U	0.0500	U	0.0500	U

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 13 - PFAS Surface Water Data

10-14 Tucker Drive, Poughkeepsie NY

BCP Site #: C314132

Sample ID York ID Sampling Date Client Matrix	NYDEC Part 375 PFAS Remedial Program Water Oct 2020	SWS-1 24C1134-07 3/18/2024 Surface Water		SWS-2 24C1134-08 3/18/2024 Surface Water		SWS-3 24C1134-09 3/18/2024 Surface Water	
ALL UNITS IN NANOGRAMS PER LITER (ng/L)		Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List							
11CL-PF3OUdS	100	1.310	U	1.300	U	1.330	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	100	1.950	U	1.930	U	1.980	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	1.700	U	1.690	U	1.720	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	100	1.760	J	1.710	J	2.370	J
3-Perfluoroheptyl propanoic acid (FHpPA)	~	9	U	8.920	U	9.130	U
3-Perfluoropentyl propanoic acid (FPePA)	~	6.960	U	6.910	U	7.060	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	1.930	U	1.910	U	1.960	U
9CL-PF3ONS	100	0.665	U	0.660	U	0.675	U
ADONA	100	0.503	U	0.499	U	0.511	U
HFPO-DA (Gen-X)	100	3.070	U	3.040	U	3.110	U
N-EtFOSA	~	1.710	U	1.700	U	1.730	U
N-EtFOSAA	100	0.978	U	0.971	U	0.993	U
N-EtFOSE	~	5.880	J	3.760	U	3.840	U
N-MeFOSA	~	2.670		1.490	U	1.520	U
N-MeFOSAA	100	0.750	U	0.744	U	0.761	U
N-MeFOSE	~	3.790	U	3.760	U	3.840	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.475	U	0.471	U	0.482	U
Perfluoro-1-decanesulfonic acid (PFDS)	100	1.250	U	1.240	U	1.270	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	100	0.864	U	0.858	U	0.877	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	0.817	U	0.810	U	0.829	U
Perfluoro-1-octanesulfonamide (FOSA)	100	0.836	U	0.829	U	0.848	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	0.722	U	0.716	U	0.732	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	2.030	U	2.020	U	2.060	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.237	U	0.236	U	0.241	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.351	U	0.349	U	0.357	U
Perfluorobutanesulfonic acid (PFBS)	100	0.446	U	1.130	J	1.090	J
Perfluorodecanoic acid (PFDA)	100	0.712	U	0.707	U	0.723	U
Perfluorododecanesulfonic acid (PFDoS)	~	1.050	J	0.876	U	0.896	U
Perfluorododecanoic acid (PFDoA)	100	0.836	U	0.829	U	0.848	U
Perfluoroheptanoic acid (PFHpA)	100	2.430		1.260	J	1.140	J
Perfluorohexanesulfonic acid (PFHxS)	100	2.770		0.641	U	0.655	U
Perfluorohexanoic acid (PFHxA)	100	2.940		2.330		2.560	
Perfluoro-n-butanoic acid (PFBA)	100	0.313	U	0.311	U	0.318	U
Perfluorononanoic acid (PFNA)	100	0.494	U	0.490	U	0.501	U
Perfluorooctanesulfonic acid (PFOS)	10	7.490		3.230		0.790	U
Perfluorooctanoic acid (PFOA)	10	8.850		2.850		2.680	
Perfluoropentanoic acid (PFPeA)	100	3.120	J	3.100	J	2.940	J
Perfluorotetradecanoic acid (PFTA)	100	0.655	U	0.650	U	0.665	U
Perfluorotridecanoic acid (PFTrDA)	100	0.703	U	0.697	U	0.713	U
Perfluoroundecanoic acid (PFUnA)	100	1.070	U	1.060	U	1.090	U

Notes:

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

APPENDIX A
SOIL BORING & GROUNDWATER PURGE LOGS

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-1**	Hole No: SB-1/MW-1 Sheet 1 of 1	Date Started: 12-28-22 Date Finished: 12-28-22
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: J. Bellucci D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 31° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-8" bgs), mixed fill (8"-5' bgs), damp, no odor.	0.0		
	2						Sampled subsurface soils
	3						(1-2' bgs, SB-1A)
	4						(10-12' bgs, SB-1B)
5			38"		0.0		(18-20' bgs, SB-1C)
	6						
	7						
	8			Same, traces of wood debris, moist-wet (9-10' bgs), no odor.	0.0		Groundwater encountered 10' bgs.
	9						
10	10		18"	Brown/grey, mottled silty clay, saturated at 10' bgs, no odor.	0.0		Well installed at 15' bgs for
	11						groundwater sampling.
	12						10' - 0.10 slotted screen (1" ID)
	13			Same, damp at 13-15' bgs, no odor.	0.0		5' - solid riser casing (1" ID)
	14						
15			58"		0.0		Monitoring Notes:
	16						Depth to water - 4.59' bgs
	17						Depth to bottom of well - 15' bgs
	18						Light brown, cloudy - clear,
	19						no odor or sheen.
20			60"	Same, damp, no odor.			

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Concrete

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-2**	Hole No: SB-2/ MW_2 Sheet 1 of 1	Date Started: 12-28-22 Date Finished: 12-28-22
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: J. Bellucci D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 31° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-8" bgs), mixed fill (8"-5' bgs), damp, no odor.	0.0		
	2						Sampled subsurface soils
	3						(1-2' bgs, SB-2A)
	4			Debris containing mixed garbage waste documented, damp, no odor.	0.0		(10-12' bgs, SB-2B)
5			40"	Mixed garbage debris (i.e., paper, wood, plastics) at 5-9' bgs, damp no odor.	2.5		(18-20' bgs, SB-2C)
	6						
	7						
	8						Saturated soils not encountered.
	9						
10			28"	Brown/grey, mottled silty clay, damp, no odor.	0.0		Well installed at 15' bgs for
	11						groundwater sampling.
	12						10' - 0.10 slotted screen (1" ID)
	13						5' - solid riser casing (1" ID)
	14						
15			50"	Same, damp, no odor.	0.0		Monitoring Notes:
							Depth to water - 8.30' bgs
							Depth to bottom of well - 15' bgs
							Light brown, cloudy,
							no odor or sheen.
20			60"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-3**	Hole No: SB-3/ MW-3 Sheet 1 of 1	Date Started: 12-28-22 Date Finished: 12-28-22
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: J. Bellucci D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 31° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-3' bgs), damp, no odor.	0.0		
	2						Sampled subsurface soils
	3			Brown, mixed fill, damp, no odor.	0.0		(3-5' bgs, SB-3A)
	4						(14-16' bgs, SB-3B)
5			36"	Mixed garbage debris (i.e., paper, wood, plastics) at 5-14' bgs,	1.4		(18-20' bgs, SB-3C)
	6			damp, no odor.			
	7						
	8						Perched groundwater encountered
	9			Saturation encountered at 9.5 - 10' bgs.	0.0		at 9.5 - 10' bgs.
10			14"		1.0		Well installed at 15' bgs for
	11						groundwater sampling.
	12						10' - 0.10 slotted screen (1" ID)
	13						5' - solid riser casing (1" ID)
	14			Brown, silty clay, damp, no odor.	0.0		
15			50"	Brown/grey, mottled silty clay, damp, no odor.	0.0		Monitoring Notes:
	16						Depth to water - 9.50' bgs
	17						Depth to bottom of well - 15' bgs
	18						Light brown, cloudy - clear,
	19						no odor or sheen.
20			60"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-4

Hole No: SB-4/ MW-4

Sheet 1 of 1

Date Started: 12-28-22

Date Finished: 12-28-22

Client: Willow Brook Rentals LLC

BCP Site No.: C314132

Method of investigation: 2.25" Hollow Stem Samplers

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

P. Manager:	Drilling Co: Core Down Drilling	Driller: J. Bellucci	Weather:
		D. Helper: O. Tanner	Sunny
Deborah Thompson/Daniel Bellucci	Geologist: Deborah Thompson	Drill Rig: Geoprobe® 7822 DT	31° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-3' bgs), damp, no odor.	0.0		
	2						Sampled subsurface soils
	3			Grey, mixed fill and shale, damp, no odor.	0.0		(3-5' bgs, SB-4A)
	4						(14-16' bgs, SB-4B)
5			28"	Brown/grey, mottled silty clay, damp, no odor.	0.0		(18-20' bgs, SB-4C)
	6			Mixed garbage debris (i.e., paper, glass, wood, plastics) at 6-10' bgs,	0.0		
	7			damp, no odor.			
	8						Saturated soils not encountered.
	9						
10			18"	Grey, silty clay, damp, no odor.	0.0		Well installed at 15' bgs for
	11						groundwater sampling.
	12			Mixed garbage debris (i.e., paper, glass, wood, plastics) at 12.5-14' bgs,	0.0		10' - 0.10 slotted screen (1" ID)
	13			damp, no odor.			5' - solid riser casing (1" ID)
	14			Grey, silty clay, damp, no odor.	0.0		
15			24"				Monitoring Notes:
	16						Depth to water - 7.59' bgs
	17						Depth to bottom of well - 15' bgs
	18						Light brown, cloudy - clear,
	19						no odor or sheen.
20			38"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

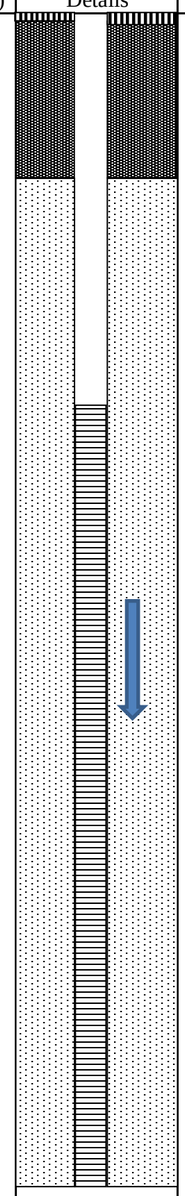
Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-5**	Hole No: SB-5/ MW-5 Sheet 1 of 1	Date Started: 12-28-22 Date Finished: 12-28-22
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: J. Bellucci D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 31° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Topsoil (0-2" bgs), brown/grey mixed fill (2"-5' bgs),	0.0		Sampled subsurface soils
	2			damp, no odor.			(0-6" bgs, SB-5A)
	3						(1-2' bgs, SB-5B)
	4						(16-18' bgs, SB-5C)
5			44"				(23-25' bgs, SB-5D)
	6						
	7						
	8						Perched groundwater encountered
	9			Mixed fill, traces of brick (9-9.5' bgs), damp - wet, no odor.	0.0		at 9' bgs.
10			36"				Well installed at 15' bgs for
	11						groundwater sampling.
	12						10' - 0.10 slotted screen (1" ID)
	13			Brown/grey, mottled silty clay, damp, no odor.	0.0		5' - solid riser casing (1" ID)
	14						
15			26"				Monitoring Notes:
	16						Depth to water - 6.41' bgs
	17						Depth to bottom of well - 15' bgs
	18			Mixed garbage debris (i.e., paper, wood, plastics) at 18-20' bgs,	0.0		Light brown, cloudy - clear,
	19			damp, no odor.			no odor or sheen.
20			36"	Brown/grey, mottled silty clay, damp, no odor.	0.0		
	21						
	22						
	23			-			
	24						
25			60"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-6**	Hole No: SB-6/ MW-6 Sheet 1 of 1	Date Started: 12-28-22 Date Finished: 12-28-22
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: J. Bellucci D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 31° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-2' bgs), damp, no odor.	0.0		
	2			Brown, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
	3						(2-4' bgs, SB-6A)
	4						(10-12' bgs, SB-6B)
5			36"	Mixed garbage debris (i.e., paper, wood) at 5-9' bgs,			(23-25' bgs, SB-6C)
	6			damp - wet at 8' bgs, no odor.			
	7						
	8						Perched groundwater encountered
	9			Brown/grey, mottled silty clay, damp, no odor.	0.0		at 8' bgs.
10			18"	Mixed garbage debris (i.e., paper, wood) at 10-12' bgs,	0.0		Well installed at 15' bgs for
	11			damp, no odor.			groundwater sampling.
	12			Brown/grey, mottled silty clay, damp, no odor.	0.0		10' - 0.10 slotted screen (1" ID)
	13						5' - solid riser casing (1" ID)
	14						
15			44"	Same, damp, no odor.	0.0		Monitoring Notes:
	16						Depth to water - 7.50' bgs
	17						Depth to bottom of well - 15' bgs
	18						Light brown, cloudy - clear,
	19						no odor or sheen.
20			54"	Same, damp, no odor.	0.0		
	21						
	22						
	23						
	24						
25			55"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt Patch

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-7

Hole No: SB-7/ MW-7

Sheet 1 of 1

Date Started: 12-28-22

Date Finished: 12-28-22

Client: Willow Brook Rentals LLC

BCP Site No.: C314132

Method of investigation: 2.25" Hollow Stem Samplers

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

P. Manager:	Drilling Co: Core Down Drilling	Driller: J. Bellucci	Weather:
Deborah Thompson/Daniel Bellucci	Geologist: Deborah Thompson	D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Sunny 31° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Sample Blows per 6"	Sample Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-2' bgs), damp, no odor.	0.0		
	2			Brown, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
	3						(2-4' bgs, SB-7A)
	4						(9.5-11.5' bgs, SB-7B)
5			50"	Mixed garbage debris (i.e., paper, glass, wood, plastics and asphalt)	0.0		(18-20' bgs, SB-7C)
	6			at 5-9.5' bgs, damp - wet at 6-9.5' bgs, no odor.			(18-20' bgs, SB-7C Duplicate)
	7						
	8						Perched groundwater encountered
	9						at 6' bgs.
10	10		26"	Brown/grey, mottled silty clay @ 9.5' bgs, damp, no odor.	0.0		Well installed at 15' bgs for
	11						groundwater sampling.
	12						10' - 0.10 slotted screen (1" ID)
	13						5' - solid riser casing (1" ID)
	14						
15			60"	Same, damp, no odor.	0.0		Monitoring Notes:
	16						Depth to water - 4.64' bgs
	17						Depth to bottom of well - 15' bgs
	18						Light brown, cloudy - clear,
	19						no odor or sheen.
20			60"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-8**	Hole No: SB-8/ MW-8 Sheet 1 of 1	Date Started: 3-18-24 Date Finished: 3-18-24
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: K. Nash D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 32° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-8" bgs), damp, no odor.	0.0		
	2			Brown/grey, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
	3						(0-2' bgs, SB-8A)
	4			Mixed garbage debris (i.e., paper, glass, wood and, plastics)			(10-12' bgs, SB-8B)
5			42"	at 4-10' bgs, damp, no odor.	0.0		
	6						
	7						
	8						Perched groundwater encountered
	9						at 12' bgs.
10	10		14"	Same, damp, no odor.	0.0		Well installed at 20' bgs for
	11						groundwater sampling.
	12			Brown/grey, mottled silty clay, wet, no odor.	0.0		15' - 0.10 slotted screen (2" ID)
	13						5' - solid riser casing (2" ID)
	14						
15							Monitoring Notes:
	16						Depth to water - 8.94' bgs
	17						Depth to bottom of well - 20' bgs
	18						Light brown, cloudy - clear,
	19						no odor or sheen.
20			29"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-9

Hole No: SB-9/ MW-9

Sheet 1 of 1

Date Started: 3-18-24

Date Finished: 3-18-24

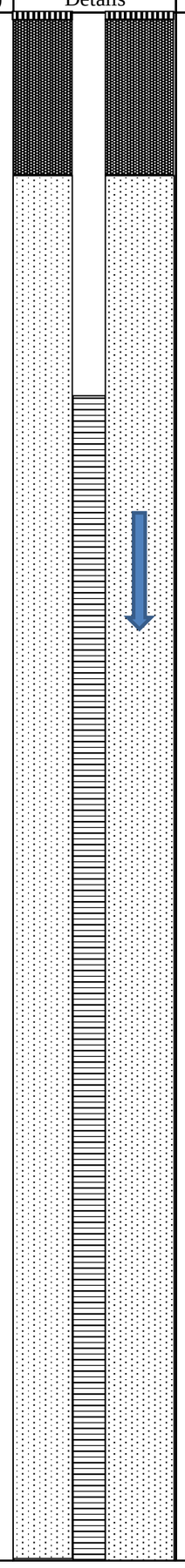
Client: Willow Brook Rentals LLC

BCP Site No.: C314132

Method of investigation: 2.25" Hollow Stem Samplers

Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York

P. Manager:	Drilling Co: Core Down Drilling	Driller: K. Nash	Weather:
Deborah Thompson/Daniel Bellucci	Geologist: Deborah Thompson	D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Sunny 32° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Brown, mixed fill (sand and gravel), dry, no odor.	0.0		Sampled subsurface soils (0-2' bgs, SB-9A) (0-1' bgs, SB-9B) (15-18' bgs, SB-9C)
	2						
	3						
	4						
5			18"	Mixed garbage debris (i.e., paper, glass, wood and, plastics)	0.0		
	6			at 5-16' bgs, damp - wet at 8' bgs, no odor.			Perched groundwater encountered at 8' bgs. Well installed at 20' bgs for groundwater sampling. 15' - 0.10 slotted screen (2" ID) 5' - solid riser casing (2" ID)
	7						
	8						
	9						
10	10		18"	Same, wet, no odor.	0.0		
	11						
	12						
	13						
	14						
15			18"	Same, wet, no odor.	0.0		Monitoring Notes:
	16			Brown/grey, mottled silty clay, wet, no odor.	0.0		Depth to water - 8.90' bgs Depth to bottom of well - 20' bgs Light brown, cloudy - clear, no odor or sheen.
	17						
	18						
	19						
20			60"	Same, wet, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-10**	Hole No: SB-10/ MW-10 Sheet 1 of 1	Date Started: 3-18-24 Date Finished: 3-18-24
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: J. Bellucci D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 32° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-8" bgs), damp, no odor.	0.0		
	2			Brown, mixed fill, damp, no odor.	0.0		Sampled subsurface soils
	3						(0-2' bgs, SB-10A)
	4						(10-12' bgs, SB-10B)
5			40"	Same, damp, no odor.	0.0		
	6						
	7						
	8			Grey/Black, mixed fill and garbage debris (i.e., glass, wood, plastics			Perched groundwater encountered
	9			and, metal) at 9.5-10' bgs, moist - wet at 10' bgs), no odor.	0.0		at 10' bgs.
10	10		12"	Brown/grey, mottled silty clay, damp, no odor.	0.0		Well installed at 20' bgs for
	11						groundwater sampling.
	12						15' - 0.10 slotted screen (2" ID)
	13						5' - solid riser casing (2" ID)
	14						
15			22"	Same, damp, no odor.	0.0		Monitoring Notes:
	16						Depth to water - 9.3' bgs
	17						Depth to bottom of well - 20' bgs
	18						Light brown, cloudy - clear,
	19						no odor or sheen.
20			48"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-11**	Hole No: SB-11 Sheet 1 of 1	Date Started: 3-18-24 Date Finished: 3-18-24
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: J. Bellucci D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 32° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-8" bgs), damp, no odor.	0.0		
	2			Brown, mixed fill (trace of brick 4.5-5' bgs), damp, no odor.	0.0		Sampled subsurface soils
	3						(0-2' bgs, SB-11A)
	4						(10-13' bgs, SB-11B)
5			33"	Brown, sandy loam (fill), wood and metal debris, damp, no odor.	0.0		
	6						
	7						
	8						Perched groundwater encountered
	9						at 10' bgs.
10	10		14"	Grey, mixed fill (no debris) and gravel, damp-wet, slight odor.	13.1		
	11						
	12						
	13			Brown/grey, mottled silty clay, damp, no odor.	0.0		
	14						
15			38"	Same, damp, no odor.	0.0		
	16						
	17						
	18						
	19						
20			52"	Same, damp, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-12**	Hole No: SB-12 Sheet 1 of 1	Date Started: 3-18-24 Date Finished: 3-18-24
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: K. Nash D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 32° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-8" bgs), damp, no odor.	0.0		
	2			Brown, mixed fill (trace of plastics at 5' bgs), damp, no odor.	0.0		Sampled subsurface soils
	3						(0-2' bgs, SB-12A)
	4						(13-15' bgs, SB-12B)
5			40"	Brown/grey, sandy loam (fill) with debris (wood and plastic), damp,	0.0		
	6			no odor.			
	7						
	8						Perched groundwater encountered
	9						at 12' bgs.
10	10		20"	Same, damp, no odor.	0.0		
	11						
	12			Same, moist-wet, slight odor.	0.8		
	13			Brown/grey, mottled silty clay, damp, no odor.	0.0		
	14						
15			18"	Same, damp, no odor.	0.0		
	16						
	17						
	18						
	19						
20							

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	**Soil Boring Log** **SB-13**	Hole No: SB-13 Sheet 1 of 1	Date Started: 3-18-24 Date Finished: 3-18-24
Client: Willow Brook Rentals LLC BCP Site No.: C314132	Method of investigation: 2.25" Hollow Stem Samplers		
Location: 10-14 Tucker Drive, Poughkeepsie, Dutchess County, New York			
P. Manager: Deborah Thompson/Daniel Bellucci	Drilling Co: Core Down Drilling Geologist: Deborah Thompson	Driller: K. Nash D. Helper: O. Tanner Drill Rig: Geoprobe® 7822 DT	Weather: Sunny 32° F @ 0800

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	Recovery (in.)	Sample Description	PID Field Readings (ppm)	Boring Details	Groundwater and Other Observations
	1			Asphalt, stone (0-8" bgs), damp, no odor.	0.0		
	2			Grey, silty sand, damp, no odor.	0.0		Sampled subsurface soils
	3						(0-2' bgs, SB-13A)
	4			Brown, organic peat, 4.5 - 5' bgs, moist, no odor.	0.0		(19.5-21' bgs, SB-13B)
5			0	No Recovery - Soft landfill mass (presumed)			
	6						
	7						
	8						Perched groundwater encountered
	9						at 15' bgs.
10	10		0	No Recovery - Soft landfill mass (presumed)			
	11						
	12						
	13						
	14						
15			0	Black, fill and debris (i.e., plastic, wood), saturated, no odor.	0.0		
	16						
	17						
	18						
	19			Brown/grey, mottled silty clay at 19.5' bgs, damp, no odor.	0.0		
20			6"				
	21						
	22						
	23						
	24						
25			60"	Same, wet, no odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt

Native Fill

No. 2 Filter Sand

Bentonite

GROUNDWATER MONITORING WELL PURGE DATA SHEET

Project Name: Willow Brook Rentals LLC
Date: 4/11/24
Field Personnel: D Thompson / S Taylor / D Bellucci
Weather: Rain - 50°F

Well ID: MW-8
PID Reading: 0.0
Depth of well: 18.40
Depth to water: 8.54
Pump type: Peri pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
1000	13.74	9.01	7	1.600	141	21 77	8.54	150	
1005	13.77	8.94	-7.0	1.600	132	25.51	8.55		Clear
1010	13.79	8.94	-21	1.600	122	24.22	8.55		no odor
1020	13.81	8.94	-21	1.600	115	24.56	8.56		no sheen
1025	13.82	8.89	-21	1.600	105	24.50	8.57		
1030	13.85	8.31	-21	1.600	100	24.52	8.57		
1035	13.84	8.31	-21	1.600	98	23.15	8.57		
1040	13.84	8.31	-21	1.600	99	23.45	8.57		

*** STABILIZATION CRITERIA***

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

NOTES:

PURGED WATER DETAILS

Start/End time: 10 00
Total purge time: 20 min
Total volume: 3.5 gallons
Purge rate:

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

Project Name: Willow Brook Rentals LLC.
Date: 4/11/24
Field Personnel: D Thompson/O Bellucci/S Taylor
Weather:

Well ID: MW-9
PID Reading: 0.0
Depth of well: 14.00
Depth to water: 8.68
Pump type: GeoSub

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
0	15.02	6.24	-50	1.78	121	14.70	8.72	150	
3	14.72	6.17	-48	1.78	119	14.56	8.72		
6	14.56	6.19	-49	179	117	14.54	8.75		
9	14.30	6.34	-46	1.80	96.8	13.63	8.75		
12	14.19	6.22	-42	1.80	93.2	15.74	8.75		
15	13.50	6.17	-55	1.86	81.2	13.33	8.75		
18	13.23	6.17	-56	1.84	80.1	13.70	8.75		
21	13.14	6.14	-56	1.84	79.3	13.18	8.75		
24	13.03	6.24	-56	1.84	68.3	12.44	8.75		
27	13.00	6.25	-56	1.84	65.3	12.37	8.75		
31	12.96	6.23	-56	1.85	60.3	12.37	8.75		
34	12.94	6.20	-54	1.85	60.3	12.36	8.75		

*** STABILIZATION CRITERIA***

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

NOTES:

PURGED WATER DETAILS

Start/End time: 9:00
Total purge time: 25 min
Total volume:
Purge rate:

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

Project Name: Willowbrook Rentals LLC
Date: 4/11/24
Field Personnel: D Thompson / D Bellucci / S Taylor
Weather: Rainy, 60's

Well ID: MW-10
PID Reading:
Depth of well: 18.10
Depth to water: 9.15
Pump type: Geotech Peri Pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
0930	10.94	5.34	10	1.62	150	11.14	9.15	150	Clear, NOUS.
0933	10.27	5.53	-25	1.62	32.5	1.01	"	"	turbidity
0936	10.23	5.58	-29	1.62	26.6	0.86			
0939	10.25	5.59	-30	1.62	22.8	0.84			
0942	10.25	5.60	-31	1.62	27.5	0.81			
0945	10.26	5.61	-31	1.62	23.2	0.78	"	"	Sample @ 0945

*** STABILIZATION CRITERIA***

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

PURGED WATER DETAILS

Start/End time: Start @ 0925
Total purge time: 20 min
Total volume: 2 gal
Purge rate: ~150 mL/min

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

NOTES:
Sample Full DER-10 List

APPENDIX B
CAMP FIELD DATA SHEETS

Community Air Monitoring

Date: 12/29/22

Job Name/Site Number: Willow Brook Rentals LLC/C314132

UPWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS/METHANE
DustTrak2 Desktop Monitor/Mini-Rae PID/MSA Alair Multi Gas Monitor

LOCATION	TIME	PM10 mg/m3	PID (ppm)	LEL %	DESCRIPTION OF TASK
Upwind	0800	0.1	0.0	0	Soil Borings /
	0815	0.11	0.0	0	MW Installations
	0830	0.12	0.0	0	
	0845	0.11	0.0	0	
	0900	0.13	0.0	0	
	0915	0.10	0.0	0	
	0930	0.07	0.0	0	
	0945	0.08	0.0	0	
	1000	0.07	0.0	0	
	1015	0.07	0.0	0	
	1030	0.06	0.0	0	
	1045	0.07	0.0	0	
	1100	0.06	0.0	0	
	1115	0.07	0.0	0	
	1130	0.06	0.0	0	

Community Air Monitoring

Date: 12/29/2023 12/28/22

Job Name/Site Number: Willow Brook Rentals LLC/C314132

DOWNWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS/METHANE
DustTrak2 Desktop Monitor/Mini-Rae PID/MSA Alair Multi Gas Monitor

LOCATION	TIME	PM10 mg/m3	PID (ppm)	LEL %	DESCRIPTION OF TASK
Downwind	0800	0.069	0.0	0	Soil Borings /
	0815	0.033	0.0	0	MW Installations
	0830	0.031	0.0	0	
	0845	0.02	0.0	0	
	0900	0.08	0.0	0	
	0915	0.07	0.0	0	
	0930	0.07	0.0	0	
	0945	0.07	0.0	0	
	1000	0.07	0.0	0	
	1015	0.07	0.0	0.	
	1030	0.07	0.0	0	
	1045	0.04	0.0	0	
	1100	0.03	0.0	0	
	1115	0.05	0.0	0	
	1130	0.04	0.0	0	

Community Air Monitoring

Date: 12/28/22

Job Name/Site Number: Willow Brook Rentals LLC/C314132

UPWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS/METHANE
DustTrak2 Desktop Monitor/Mini-Rae PID/MSA Alair Multi Gas Monitor

LOCATION	TIME	PM10 mg/m3	PID (ppm)	LEL %	DESCRIPTION OF TASK
Upwind	1145	0.06	0.0	0	Borings/ wells
	1200	0.06	0.0	0	
	1215	0.04	0.0	0	
	1245	0.04	0.0	0	
	1300	0.04	0.0	0	
	1315	0.05	0.0	0	
	1345	0.030	0.0	0	
	1400	0.03	0.0	0	
	1415	0.03	0.0	0	
	1430	0.03	0.0	0	
	1445	0.03	0.0	0	

Community Air Monitoring

Date: 12/9 12/29/2022

Job Name/Site Number: Willow Brook Rentals LLC/C314132

DOWNWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS/METHANE
DustTrak2 Desktop Monitor/Mini-Rae PID/MSA Alair Multi Gas Monitor

LOCATION	TIME	PM10 mg/m3	PID (ppm)	LEL %	DESCRIPTION OF TASK
Downwind	1145	0.03	0.0	0	Boring / wells
	1200	0.04	0.0	0	
	1215	0.07	0.0	0	
	1230	0.04	0.0	0	
	1245	0.03	0.0	0	
	1300	0.04	0.0	0	
	1315	0.04	0.0	0	
	1330	0.04	0.0	0	
	1345	0.03	0.0	0	
	1400	0.03	0.0	0	
	1415	0.03	0.0	0	
	1430	0.03	0.0	0	
	1445	0.02	0.0	0	

Community Air Monitoring

Date: 12/29/2022

Job Name/Site Number: Willow Brook Rentals LLC/C314132

UPWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS/METHANE
DustTrak2 Desktop Monitor/Mini-Rae PID/MSA Alair Multi Gas Monitor

LOCATION	TIME	PM10 mg/m3	PID (ppm)	LEL %	DESCRIPTION OF TASK
Upwind	0940	0.031	0.0	0	Background
	0955	0.020	0.0	0	Exterior soil gas
	10:10	0.033	0.0	0	Exterior soil gas

Community Air Monitoring

Date: 12/29/2022

Job Name/Site Number: Willow Brook Rentals LLC/C314132

DOWNWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS/METHANE
DustTrak2 Desktop Monitor/Mini-Rae PID/MSA Alair Multi Gas Monitor

LOCATION	TIME	PM10 mg/m3	PID (ppm)	LEL %	DESCRIPTION OF TASK
Downwind	0940	0.018	0.0	0	Background
	0955	0.017	0.0	0	Exterior Soil gas
	10:10	0.017	0.0	0	Exterior Soil gas

Community Air Monitoring

Date: 12/29/2022 12/28/22

Job Name/Site Number: Willow Brook Rentals LLC/C314132

SAMPLING –METHANE
MSA Alair Multi Gas Monitor

LOCATION	TIME	LEL %	DESCRIPTION OF TASK
SB-1/MW-1	0800	0	Soil Boring
	0831	0	Installation of MW
SB-2/MW-2	0930	0	Soil boring
	0940	0	Installation of MW
SB-3/MW-3	1030	0	Soil boring
	1050	0	Installation MW
SB-4/MW-4	1130	0	~~Installation MW~~ Soil boring
	1145	0	Installation of well
SB-7/MW-7	1300	0	Soil boring
	1310	0	Install well
SB-6/MW-6	1350	0	Soil boring
	1400	0	Install well
SB-5/MW-5	1430	0	Soil boring
	1440	0	Install

2/9/2023
PhII Pilot Test

Community Air Monitoring

Job Name/Site Number: Willow Brook Rentals LLC/C314132

PARTICULATE/VOLATILE ORGANIC COMPOUND FIELD ANALYSIS SUMMARY

LOCATION	TIME	PM10 mg/m3	PID ppm	DESCRIPTION OF TASK
Interior	0818	0.060	0.0	Background * former bus garage
	0830	0.049	0.0	Core Ex-1 / TSGs
	0845	0.071	0.0	same
Exterior	0918	0.016	0.0	~~Core~~ Background
	0830	0.029	0.0	Core Ex-1 / TSGs
	0845	0.024	0.0	Same
	NO	Ground	Intrusive	work 0900-1300
Interior	1315	0.027	0.0	core Ex-2 / TSGs
	1330	0.031	0.0	↓
	1345	0.041	0.0	
	1400	0.026	0.0	
Exterior	1315	0.041		Col Ex-2 / TSGs
	1330	0.061		↓
	1345	0.060		
	1400	0.052		

APPENDIX C

Soil, Sediment & Surface Water

LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 03/27/2024
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 24C1132

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Report Date: 03/27/2024
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 24C1132

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 19, 2024 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24C1132-01	SB8A	Soil	03/18/2024	03/19/2024
24C1132-02	SB8B	Soil	03/18/2024	03/19/2024
24C1132-03	SB9A	Soil	03/18/2024	03/19/2024
24C1132-04	SB9B	Soil	03/18/2024	03/19/2024
24C1132-05	SB9C	Soil	03/18/2024	03/19/2024
24C1132-06	SB10A	Soil	03/18/2024	03/19/2024
24C1132-07	SB10B	Soil	03/18/2024	03/19/2024
24C1132-08	SB11A	Soil	03/18/2024	03/19/2024
24C1132-09	SB11B	Soil	03/18/2024	03/19/2024
24C1132-10	SB12A	Soil	03/18/2024	03/19/2024
24C1132-11	Trip Blank	Water	03/18/2024	03/19/2024

General Notes for York Project (SDG) No.: 24C1132

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:

Date: 03/27/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-64-1	Acetone	ND	CCVE, ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.045	0.089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-88-4	* Iodomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.045	0.089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 16:48	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:48	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723	03/22/2024 16:48	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 16:48	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:48	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 16:14	SKF

Sample Information

Client Sample ID: SB8A **York Sample ID:** 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 16:14	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 16:14	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 16:14	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 16:14	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 16:14	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 16:14	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 16:14	SKF

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.180	0.361	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB8A **York Sample ID:** 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.152**		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**0.166**	CCVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**0.180**	CCVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.125**		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.144**		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.132**	CCVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.176**		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:14	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB8A **York Sample ID:** 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
206-44-0	**Fluoranthene**	**0.326**		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.129**		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
85-01-8	Phenanthrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
129-00-0	**Pyrene**	**0.276**		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*71.0 %*	*23-114*

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.3 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/21/2024 08:09	03/27/2024 03:17	KH

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0580	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.651	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.827	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.390	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.211	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0679	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.651	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.666	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.341	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 17:57	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.694	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.30	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.669	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.763	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 17:57	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*148 %*	*25-150*
Surrogate: M5PFHxA	*146 %*	*25-150*
Surrogate: M4PFHpA	*129 %*	*25-150*
Surrogate: M3PFHxS	*149 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*145 %*	*25-150*
Surrogate: M6PFDA	*139 %*	*25-150*
Surrogate: M7PFUdA	*114 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*107 %*	*25-150*
Surrogate: M2PFTeDA	*126 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*27.4 %*	*25-150*

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*161 %*	PFSu-H		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*67.6 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*113 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*136 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*122 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*183 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*208 %*	PFSu-H		*25-200*						
	Surrogate: M9PFNA	*130 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*126 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*70.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*72.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*142 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*87.1 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*89.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 NELAC-NY10854,NJDEP-CT005	03/23/2024 21:24	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854	03/23/2024 21:24	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 NELAC-NY10854,NJDEP-CT005	03/23/2024 21:24	TAH
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B Certifications:	03/20/2024 13:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/23/2024 21:24	TAH
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 21:24	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	03/20/2024 13:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	03/22/2024 03:52	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	03/20/2024 13:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	03/22/2024 03:52	NF

Sample Information

Client Sample ID: SB8A

York Sample ID: 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	03/20/2024 13:31	03/22/2024 03:52	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.0 %*	S-GC, S-08	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13100**		mg/kg dry	4.56	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.36**		mg/kg dry	1.37	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**30.8**		mg/kg dry	2.28	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.657**		mg/kg dry	0.046	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.641**		mg/kg dry	0.274	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**60800**		mg/kg dry	4.56	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB8A **York Sample ID:** 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**17.9**		mg/kg dry	0.457	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.10**		mg/kg dry	0.365	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**31.0**		mg/kg dry	1.83	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**20600**		mg/kg dry	22.8	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**37.2**		mg/kg dry	0.457	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**38300**		mg/kg dry	4.57	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**622**		mg/kg dry	0.457	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**19.7**		mg/kg dry	0.909	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1850**	M-CCV 1	mg/kg dry	4.57	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**88.5**		mg/kg dry	45.6	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	0.909	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**82.5**		mg/kg dry	2.27	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0328	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB8A **York Sample ID:** 24C1132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:40 am	03/19/2024

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.547	1	EPA 9014/9010C	03/20/2024 07:26	03/20/2024 10:51	LC
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB8B **York Sample ID:** 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 17:14	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:14	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:14	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:14	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 17:14	SMA
78-93-3	**2-Butanone**	**0.0027**	J	mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 17:14	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:14	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:14	SMA

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.011**	CCVE, ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.038	0.075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0024	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.038	0.075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:14	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
95-50-1	**1,2-Dichlorobenzene**	**0.0565**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	**1,4-Dichlorobenzene**	**0.416**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0919	0.184	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	**2-Methylnaphthalene**	**0.602**		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0919	0.184	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
83-32-9	**Acenaphthene**	**0.0874**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
98-86-2	**Acetophenone**	**0.116**		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-12-7	**Anthracene**	**0.0815**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.184	0.368	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SKF
56-55-3	**Benzo(a)anthracene**	**0.259**		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
50-32-8	**Benzo(a)pyrene**	**0.280**	CCVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
205-99-2	**Benzo(b)fluoranthene**	**0.205**	CCVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
191-24-2	**Benzo(g,h,i)perylene**	**0.153**		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
207-08-9	**Benzo(k)fluoranthene**	**0.191**		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
85-68-7	**Benzyl butyl phthalate**	**0.624**	CAL-E, CCVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 16:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB8B **York Sample ID:** 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	**Bis(2-ethylhexyl)phthalate**	**4.32**		mg/kg dry	0.115	0.230	5	EPA 8270D	03/21/2024 08:03	03/22/2024 13:21	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0617**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**0.281**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.0654**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
84-66-2	**Diethyl phthalate**	**0.0881**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	**Di-n-butyl phthalate**	**1.08**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.746**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.0918**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.137**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.260**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB8B **York Sample ID:** 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.902**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.673**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	03/21/2024 08:03	03/21/2024 16:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	03/21/2024 08:09	03/27/2024 03:34	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	03/22/2024 12:53	03/24/2024 18:13	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.232**		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
2991-50-6	**N-EtFOSAA**	**2.55**		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.650	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:13	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.692	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.667	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.761	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:13	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*127 %*		*25-150*
Surrogate: M5PFHxA	*138 %*		*25-150*
Surrogate: M4PFHpA	*115 %*		*25-150*
Surrogate: M3PFHxS	*129 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*142 %*		*25-150*
Surrogate: M6PFDA	*133 %*		*25-150*
Surrogate: M7PFUdA	*122 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*106 %*		*25-150*
Surrogate: M2PFTeDA	*102 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*20.3 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*141 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*64.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*106 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*125 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*121 %*		*25-150*
Surrogate: M2-6:2 FTS	*125 %*		*25-200*
Surrogate: M2-8:2 FTS	*139 %*		*25-200*
Surrogate: M9PFNA	*140 %*		*25-150*
Surrogate: M2-4:2 FTS	*103 %*		*25-150*
Surrogate: d-N-MeFOSA	*88.3 %*		*25-150*
Surrogate: d-N-EtFOSA	*65.7 %*		*25-150*
Surrogate: M3HFPO-DA	*130 %*		*25-150*
Surrogate: d9-N-EtFOSE	*89.6 %*		*25-150*
Surrogate: d7-N-MeFOSE	*87.9 %*		*25-150*

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	03/20/2024 13:31	03/23/2024 22:14	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 22:14	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 22:14	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 22:14	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 22:14	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*126 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:09	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-120*

Sample Information

Client Sample ID: SB8B

York Sample ID: 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.0 %*			*30-120*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15500**		mg/kg dry	4.60	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.39**		mg/kg dry	1.38	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**57.8**		mg/kg dry	2.30	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.531**		mg/kg dry	0.046	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**12300**		mg/kg dry	4.61	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**17.5**		mg/kg dry	0.461	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**7.71**		mg/kg dry	0.368	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**37.6**		mg/kg dry	1.84	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**24300**		mg/kg dry	23.0	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**59.8**		mg/kg dry	0.461	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**10900**		mg/kg dry	4.61	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**884**		mg/kg dry	0.461	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**20.9**		mg/kg dry	0.917	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**2100**	M-CCV 1	mg/kg dry	4.61	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**3.92**		mg/kg dry	2.30	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB8B **York Sample ID:** 24C1132-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 11:48 am	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.464	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**67.8**		mg/kg dry	46.1	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	0.917	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**94.3**		mg/kg dry	2.29	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0587**		mg/kg dry	0.0332	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	1	EPA 9014/9010C	03/20/2024 07:26	03/20/2024 10:51	LC
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.041	0.083	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 07:30	03/22/2024 17:40	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 07:30	03/22/2024 17:40	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 07:30	03/22/2024 17:40	SMA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 07:30	03/22/2024 17:40	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	03/22/2024 07:30	03/22/2024 17:40	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	03/22/2024 07:30	03/22/2024 17:40	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 07:30	03/22/2024 17:40	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.041	0.083	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA

Sample Information

Client Sample ID: SB9A

York Sample ID: 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:40	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723	03/22/2024 17:40	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:40	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:03	SKF

Sample Information

Client Sample ID: SB9A

York Sample ID: 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:03	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,PADEP-68-04440	03/22/2024 17:03	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:03	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,PADEP-68-04440	03/22/2024 17:03	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,PADEP-68-04440	03/22/2024 17:03	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:03	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SKF

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.256**	CCVE	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
105-60-2	Caprolactam	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:03	SKF
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	03/21/2024 13:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:03	SKF

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*80.6 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*84.8 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.4 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.0 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.0 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.9 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/22/2024 08:34	03/26/2024 05:31	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*59.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.407**		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER

Sample Information

Client Sample ID: SB9A

York Sample ID: 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.633	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.205	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0659	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER

Sample Information

Client Sample ID: SB9A

York Sample ID: 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 18:29	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.674	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 18:29	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*130 %*	*25-150*
Surrogate: M5PFHxA	*140 %*	*25-150*
Surrogate: M4PFHpA	*124 %*	*25-150*
Surrogate: M3PFHxS	*134 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*133 %*	*25-150*
Surrogate: M6PFDA	*136 %*	*25-150*
Surrogate: M7PFUdA	*132 %*	*25-150*

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*122 %*			*25-150*						
	Surrogate: M2PFTeDA	*96.6 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.86 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*129 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*48.3 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*128 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*103 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*115 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*103 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*114 %*			*25-200*						
	Surrogate: M9PFNA	*138 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*96.6 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*80.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*66.3 %*			*25-150*						
	Surrogate: M3HFPO-DA	*138 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*86.2 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*76.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:35	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: SB9A

York Sample ID: 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:35	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB9A

York Sample ID: 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	03/21/2024 12:52	03/23/2024 00:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**18000**		mg/kg dry	4.47	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.57**		mg/kg dry	1.34	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**65.3**		mg/kg dry	2.23	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.794**		mg/kg dry	0.045	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**13500**		mg/kg dry	4.48	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**20.8**		mg/kg dry	0.448	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**11.2**		mg/kg dry	0.358	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**50.5**		mg/kg dry	1.79	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**28800**		mg/kg dry	22.4	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**24.4**		mg/kg dry	0.448	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**10900**		mg/kg dry	4.48	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**853**		mg/kg dry	0.448	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**28.3**		mg/kg dry	0.892	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**2060**	M-CCV 1	mg/kg dry	4.48	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**3.82**		mg/kg dry	2.24	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.451	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**311**		mg/kg dry	44.8	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.3**		mg/kg dry	0.892	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**87.4**		mg/kg dry	2.23	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0376**		mg/kg dry	0.0322	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB9A **York Sample ID:** 24C1132-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:01 pm	03/19/2024

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.537	1	EPA 9014/9010C	03/21/2024 14:41	03/21/2024 19:29	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.1**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB9B **York Sample ID:** 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
78-93-3	**2-Butanone**	**0.0026**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-64-1	**Acetone**	**0.035**	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:06	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0887	0.177	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0887	0.177	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.178	0.355	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**0.120**		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.140**	CCVE	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.152**	CCVE	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.101**		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.130**		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
105-60-2	Caprolactam	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
218-01-9	**Chrysene**	**0.139**		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
206-44-0	**Fluoranthene**	**0.272**	CCVE	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.109**	CCVE	mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 17:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB9B **York Sample ID:** 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0922**		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.172**		mg/kg dry	0.0445	0.0887	2	EPA 8270D	03/21/2024 13:12	03/22/2024 17:32	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*30.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	03/22/2024 08:34	03/27/2024 03:52	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*59.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB9B** **York Sample ID:** **24C1132-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0566	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.635	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.806	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0662	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:17	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.676	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.744	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:17	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*131 %*		*25-150*
Surrogate: M5PFHxA	*134 %*		*25-150*
Surrogate: M4PFHpA	*105 %*		*25-150*
Surrogate: M3PFHxS	*134 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*152 %*	PFSu-H	*25-150*
Surrogate: M6PFDA	*146 %*		*25-150*
Surrogate: M7PFUdA	*148 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*146 %*		*25-150*
Surrogate: M2PFTeDA	*126 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*17.5 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*140 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*118 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*125 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*114 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*129 %*		*25-150*
Surrogate: M2-6:2 FTS	*99.9 %*		*25-200*
Surrogate: M2-8:2 FTS	*99.0 %*		*25-200*
Surrogate: M9PFNA	*140 %*		*25-150*
Surrogate: M2-4:2 FTS	*100 %*		*25-150*
Surrogate: d-N-MeFOSA	*98.8 %*		*25-150*
Surrogate: d-N-EtFOSA	*86.0 %*		*25-150*
Surrogate: M3HFPO-DA	*134 %*		*25-150*
Surrogate: d9-N-EtFOSE	*102 %*		*25-150*
Surrogate: d7-N-MeFOSE	*97.3 %*		*25-150*

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	03/21/2024 12:52	03/22/2024 20:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 20:53	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:13	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*

Sample Information

Client Sample ID: SB9B

York Sample ID: 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*			*30-120*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12600**		mg/kg dry	4.45	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.24**		mg/kg dry	1.33	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**59.0**		mg/kg dry	2.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.505**		mg/kg dry	0.045	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.357**		mg/kg dry	0.267	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**99000**		mg/kg dry	4.45	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**13.1**		mg/kg dry	0.445	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.00**		mg/kg dry	0.355	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**23.5**		mg/kg dry	1.78	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**17200**		mg/kg dry	22.2	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**13.0**		mg/kg dry	0.445	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**43100**		mg/kg dry	4.45	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**605**		mg/kg dry	0.445	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**15.3**		mg/kg dry	0.886	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**2830**	M-CCV 1	mg/kg dry	4.45	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB9B **York Sample ID:** 24C1132-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:29 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**153**		mg/kg dry	44.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.3**		mg/kg dry	0.886	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**50.8**		mg/kg dry	2.21	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	1	EPA 9014/9010C	03/21/2024 14:41	03/21/2024 19:29	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB9C **York Sample ID:** 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**0.71**		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	**1,3,5-Trimethylbenzene**	**0.36**		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	2.7	5.3	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.53	1.1	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.27	0.53	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.27	0.53	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB9C **York Sample ID:** 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:51	SMA
110-82-7	Cyclohexane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:51	SMA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:51	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:51	SMA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:51	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
64-17-5	* Ethanol	ND	CCVE	mg/kg dry	2.1	4.3	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
100-41-4	**Ethyl Benzene**	**0.54**		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 14:51	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:51	SMA
74-88-4	* Iodomethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-09-2	Methylene chloride	ND		mg/kg dry	0.27	0.53	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.13	0.53	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	**n-Propylbenzene**	**0.18**	J	mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
95-47-6	**o-Xylene**	**0.40**		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	**p- & m- Xylenes**	**2.9**		mg/kg dry	0.27	0.53	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
622-96-8	* **p-Ethyltoluene**	**0.36**		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	2.1	4.3	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA

Sample Information

Client Sample ID: SB9C **York Sample ID:** 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.27	0.53	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA
108-88-3	**Toluene**	**0.13**	J	mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND	CCVE	mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.13	0.27	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	**Xylenes, Total**	**3.3**		mg/kg dry	0.40	0.80	100	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:51	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB9C **York Sample ID:** 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	**2-Methylnaphthalene**	**0.248**		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.202	0.404	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.202	0.404	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
85-68-7	**Benzyl butyl phthalate**	**4.78**	CCVE	mg/kg dry	0.506	1.01	20	EPA 8270D Certifications:	03/21/2024 13:12	03/25/2024 19:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1340**	CCVE	mg/kg dry	63.2	126	2500	EPA 8270D Certifications:	03/21/2024 13:12	03/27/2024 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
86-74-8	Carbazole	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
218-01-9	Chrysene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D Certifications:	03/21/2024 13:12	03/22/2024 18:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-74-2	**Di-n-butyl phthalate**	**28.8**		mg/kg dry	0.506	1.01	20	EPA 8270D Certifications:	03/21/2024 13:12	03/25/2024 19:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	**Di-n-octyl phthalate**	**0.970**	CAL-E, CCVE, ICVE	mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.823**		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0726**	J	mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0506	0.101	2	EPA 8270D	03/21/2024 13:12	03/22/2024 18:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.0 %*	*20-108*

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.2 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/22/2024 08:34	03/27/2024 04:09	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*50.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0644	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.127	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.217	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.209	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.229	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.232	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.240	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.198	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.152	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.125	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.180	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
2991-50-6	**N-EtFOSAA**	**0.274**		ug/kg dry	0.236	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.132	0.486	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.177	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.188	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.232	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.722	0.923	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.917	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.132	0.971	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.169	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.234	0.486	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0753	0.486	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.117	0.486	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.191	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.722	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.738	0.971	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.378	0.918	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.299	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.211	0.918	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.205	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.151	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:34	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.770	1.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.55	6.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.82	6.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.742	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.219	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.846	2.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.240	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:34	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*122 %*		*25-150*
Surrogate: M5PFHxA	*121 %*		*25-150*
Surrogate: M4PFHpA	*94.3 %*		*25-150*
Surrogate: M3PFHxS	*126 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*115 %*		*25-150*
Surrogate: M6PFDA	*123 %*		*25-150*
Surrogate: M7PFUdA	*119 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*122 %*		*25-150*
Surrogate: M2PFTeDA	*109 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.21 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*124 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*63.6 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*113 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*100 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*112 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*88.2 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*98.8 %*			*25-200*						
	Surrogate: M9PFNA	*137 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*91.9 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*103 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*93.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*122 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*121 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*107 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 NELAC-NY10854,NJDEP-CT005	03/22/2024 21:11	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH

Sample Information

Client Sample ID: SB9C **York Sample ID:** 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854	03/22/2024 21:11	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 NELAC-NY10854,NJDEP-CT005	03/22/2024 21:11	TAH
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B Certifications:	03/21/2024 12:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:11	TAH
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0394	5	EPA 8081B Certifications:	03/21/2024 12:52	03/22/2024 21:11	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	03/23/2024 00:27	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	03/23/2024 00:27	NF

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
37324-23-5	**Aroclor 1262**	**0.104**		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	NF
1336-36-3	*** Total PCBs**	**0.104**		mg/kg dry	0.0199	1	EPA 8082A Certifications:	03/21/2024 12:52	03/23/2024 00:27	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**18900**		mg/kg dry	5.06	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.53	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-38-2	**Arsenic**	**4.90**		mg/kg dry	1.52	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-39-3	**Barium**	**146**		mg/kg dry	2.53	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-41-7	**Beryllium**	**0.877**		mg/kg dry	0.051	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.304	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-70-2	**Calcium**	**1610**		mg/kg dry	5.06	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-47-3	**Chromium**	**23.6**		mg/kg dry	0.506	1	EPA 6010D Certifications:	03/23/2024 12:52	03/26/2024 12:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR

Sample Information

Client Sample ID: SB9C

York Sample ID: 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	**Cobalt**	**12.1**		mg/kg dry	0.404	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**25.8**		mg/kg dry	2.02	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**23400**		mg/kg dry	25.3	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**24.7**		mg/kg dry	0.506	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**5730**		mg/kg dry	5.06	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**234**		mg/kg dry	0.506	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**28.3**		mg/kg dry	1.01	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**2060**	M-CCV 1	mg/kg dry	5.06	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**3.44**		mg/kg dry	2.53	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.510	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**76.3**		mg/kg dry	50.6	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.53	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.8**		mg/kg dry	1.01	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**86.0**		mg/kg dry	2.52	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.167**		mg/kg dry	0.0364	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

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

Sample Information

Client Sample ID: SB9C **York Sample ID:** 24C1132-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 2:46 pm	03/19/2024

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.607	1	EPA 9014/9010C	03/21/2024 14:41	03/21/2024 19:29	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.4**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:31	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 18:31	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:31	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:31	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:31	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 18:31	SMA
78-93-3	**2-Butanone**	**0.0038**	J	mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 18:31	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0097	0.019	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:31	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
67-64-1	**Acetone**	**0.015**	CCVE, ICVE	mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 18:31	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:31	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:31	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:31	SMA

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.039	0.078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-88-4	* Iodomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0024	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.039	0.078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB10A

York Sample ID: 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	03/22/2024 07:30	03/22/2024 18:31	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:13	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 17:13	SKF
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.181	0.362	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.46**	CCVE	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:13	SKF

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/21/2024 08:09	03/27/2024 04:26	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*55.3 %*	*39-127.5*

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0576	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.214**		ug/kg dry	0.182	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.647	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.821	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.210	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0674	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.647	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.661	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.268	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 19:50	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.690	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER

Sample Information

Client Sample ID: **SB10A** **York Sample ID:** **24C1132-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.665	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.758	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 19:50	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*133 %*		*25-150*
Surrogate: M5PFHxA	*139 %*		*25-150*
Surrogate: M4PFHpA	*126 %*		*25-150*
Surrogate: M3PFHxS	*135 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*146 %*		*25-150*
Surrogate: M6PFDA	*144 %*		*25-150*
Surrogate: M7PFUdA	*141 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*141 %*		*25-150*
Surrogate: M2PFTeDA	*113 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.04 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*136 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*29.9 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*123 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*111 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*133 %*		*25-150*
Surrogate: M2-6:2 FTS	*92.5 %*		*25-200*
Surrogate: M2-8:2 FTS	*90.1 %*		*25-200*
Surrogate: M9PFNA	*146 %*		*25-150*
Surrogate: M2-4:2 FTS	*96.6 %*		*25-150*
Surrogate: d-N-MeFOSA	*96.6 %*		*25-150*
Surrogate: d-N-EtFOSA	*83.2 %*		*25-150*
Surrogate: M3HFPO-DA	*136 %*		*25-150*
Surrogate: d9-N-EtFOSE	*88.9 %*		*25-150*
Surrogate: d7-N-MeFOSE	*89.3 %*		*25-150*

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2024 13:31	03/23/2024 21:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 21:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 21:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 21:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B Certifications:	03/20/2024 13:31	03/23/2024 21:40	TAH

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.8 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*22.7 %*	S-08, S-GC	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	03/20/2024 13:31	03/22/2024 04:25	NF

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.0 %*	S-08, S-GC		*30-120*					

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16200**		mg/kg dry	4.53	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.58**		mg/kg dry	1.36	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**55.6**		mg/kg dry	2.26	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.597**		mg/kg dry	0.046	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**27500**		mg/kg dry	4.53	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**16.1**		mg/kg dry	0.454	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**8.84**		mg/kg dry	0.362	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**40.0**		mg/kg dry	1.81	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**24600**		mg/kg dry	22.7	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**24.7**		mg/kg dry	0.454	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**17900**		mg/kg dry	4.54	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**1030**		mg/kg dry	0.454	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**22.9**		mg/kg dry	0.903	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1950**	M-CCV 1	mg/kg dry	4.54	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**2.70**		mg/kg dry	2.27	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB10A **York Sample ID:** 24C1132-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:09 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**69.2**		mg/kg dry	45.3	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.27	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	0.903	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**78.8**		mg/kg dry	2.26	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0393**		mg/kg dry	0.0326	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	03/20/2024 07:26	03/20/2024 10:51	LC
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:46	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:46	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 15:46	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:46	SMA
95-63-6	**1,2,4-Trimethylbenzene**	**0.15**		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 15:46	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
108-67-8	**1,3,5-Trimethylbenzene**	**0.044**		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 15:46	SMA

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-43-2	**Benzene**	**0.0028**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-90-7	**Chlorobenzene**	**0.0034**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46	SMA
100-41-4	**Ethyl Benzene**	**10**		mg/kg dry	0.34	0.68	100	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 15:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-88-4	* Iodomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46	SMA

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	**Isopropylbenzene**	**0.012**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**0.027**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**6.1**		mg/kg dry	0.34	0.68	100	EPA 8260C	03/25/2024 09:00	03/25/2024 15:47	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**30**		mg/kg dry	0.68	1.4	100	EPA 8260C	03/25/2024 09:00	03/25/2024 15:47	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	*** p-Diethylbenzene**	**0.0054**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**0.044**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	**Styrene**	**0.011**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.043	0.086	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:			
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:46	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:46	SMA
108-88-3	**Toluene**	**9.5**		mg/kg dry	0.34	0.68	100	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 15:47	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723	03/22/2024 15:46	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:46	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:46	SMA
1330-20-7	**Xylenes, Total**	**36**		mg/kg dry	1.0	2.0	100	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 15:47	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*85-120*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.6 %*	*76-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 17:42	SKF

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 17:42	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 17:42	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 17:42	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 17:42	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 17:42	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 17:42	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 17:42	SKF

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.222	0.444	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.222	0.444	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-81-7	**Bis(2-ethylhexyl)phthalate**	**68.0**	CCVE	mg/kg dry	1.39	2.77	50	EPA 8270D Certifications:	03/21/2024 08:03	03/24/2024 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
105-60-2	Caprolactam	ND		mg/kg dry	0.111	0.221	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
86-74-8	Carbazole	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
218-01-9	Chrysene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 17:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	**Di-n-butyl phthalate**	**0.120**		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0555	0.111	2	EPA 8270D	03/21/2024 08:03	03/21/2024 17:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.0 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*83.7 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.8 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.2 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*94.6 %*		*24-116*							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/21/2024 08:09	03/27/2024 04:43	KH
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*59.3 %*		*39-127.5*						

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.146	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0696	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.138	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.235	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.226	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.219	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.248	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.251	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.260	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.214	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.164	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.194	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.255	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.143	0.525	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.192	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.251	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.781	0.997	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.991	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.143	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.253	0.525	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0814	0.525	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.525	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.206	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.781	0.984	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.798	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.408	0.992	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.323	0.982	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.228	0.992	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.222	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 12:53	03/24/2024 20:06	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.832	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.75	6.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.97	6.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.802	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.236	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.915	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.260	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 12:53	03/24/2024 20:06	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*126 %*	*25-150*
Surrogate: M5PFHxA	*139 %*	*25-150*
Surrogate: M4PFHpA	*125 %*	*25-150*
Surrogate: M3PFHxS	*122 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*128 %*	*25-150*
Surrogate: M6PFDA	*124 %*	*25-150*
Surrogate: M7PFUdA	*112 %*	*25-150*

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*96.2 %*			*25-150*						
	Surrogate: M2PFTeDA	*81.6 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.13 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*104 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*73.0 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*110 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*79.5 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*91.7 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*78.3 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*69.3 %*			*25-200*						
	Surrogate: M9PFNA	*126 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*89.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*94.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*75.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*146 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*81.2 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*78.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00219	5	EPA 8081B	03/20/2024 13:31	03/26/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00219	5	EPA 8081B	03/20/2024 13:31	03/26/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00219	5	EPA 8081B	03/20/2024 13:31	03/26/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00219	5	EPA 8081B	03/20/2024 13:31	03/26/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	03/20/2024 13:31	03/26/2024 20:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B	03/20/2024 13:31	03/26/2024 20:35	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: SB10B

York Sample ID: 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.219	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B Certifications:	03/20/2024 13:31	03/26/2024 20:35	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB10B** **York Sample ID:** **24C1132-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	*** Aroclor 1260 [2C]**	**0.0423**		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:			
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs [2C]**	**0.0423**		mg/kg dry	0.0221	1	EPA 8082A	03/20/2024 13:31	03/22/2024 04:42	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**29700**		mg/kg dry	5.55	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.4**		mg/kg dry	1.67	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**228**		mg/kg dry	2.77	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**1.26**		mg/kg dry	0.056	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.333	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**12600**		mg/kg dry	5.56	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**32.9**		mg/kg dry	0.556	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**14.7**		mg/kg dry	0.444	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**44.3**		mg/kg dry	2.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**38400**		mg/kg dry	27.8	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**25.8**		mg/kg dry	0.556	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**10400**		mg/kg dry	5.56	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**778**		mg/kg dry	0.556	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**36.6**		mg/kg dry	1.11	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**6600**	M-CCV 1	mg/kg dry	5.56	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**5.41**		mg/kg dry	2.78	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**204**		mg/kg dry	55.6	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**36.8**		mg/kg dry	1.11	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**93.3**		mg/kg dry	2.77	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0480**		mg/kg dry	0.0400	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB10B **York Sample ID:** 24C1132-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 3:24 pm	03/19/2024

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.667	1	EPA 9014/9010C	03/20/2024 07:26	03/20/2024 10:51	LC
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.0**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	mg/kg dry	0.0097	0.019	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB11A

York Sample ID: 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0049	0.0097	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:13	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.039	0.078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-88-4	* Iodomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0024	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.039	0.078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 16:13	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:13	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 16:13	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:12	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:12	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:12	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 18:12	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:12	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 18:12	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 18:12	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:12	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:12	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:12	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:12	SKF

Sample Information

Client Sample ID: SB11A

York Sample ID: 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.180	0.361	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SKF
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
105-60-2	Caprolactam	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB11A **York Sample ID:** 24C1132-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:10 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/21/2024 08:03	03/21/2024 18:12	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.6 %*	*24-116*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**		mg/kg dry	0.0050	0.010	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB11B

York Sample ID: 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	**Chlorobenzene**	**0.0074**		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**0.0033**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB11B

York Sample ID: 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-88-4	* Iodomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
98-82-8	**Isopropylbenzene**	**0.0033**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	**Methylene chloride**	**0.0051**	J, CAL-E	mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
91-20-3	Naphthalene	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/25/2024 17:32	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	03/25/2024 09:00	03/25/2024 17:32	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723	03/25/2024 17:32	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/25/2024 17:32	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C Certifications:	03/25/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/25/2024 17:32	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:42	SKF

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:42	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 18:42	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:42	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 18:42	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 18:42	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 18:42	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 18:42	SKF

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.189	0.379	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.189	0.379	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.85**	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
105-60-2	Caprolactam	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
86-74-8	Carbazole	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
218-01-9	**Chrysene**	**0.0477**	J	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	**Phenanthrene**	**0.221**		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**0.0514**	J	mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 18:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB11B **York Sample ID:** 24C1132-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 12:18 pm	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*83.3 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*115 %*	S-08		*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.6 %*			*24-116*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:08	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:08	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:08	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:08	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	03/22/2024 07:30	03/22/2024 17:08	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 17:08	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 17:08	SMA

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
67-64-1	**Acetone**	**0.0080**	J	mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 17:08	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.035	0.071	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0022	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.035	0.071	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723	03/22/2024 17:08	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:08	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:08	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 19:11	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 19:11	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 19:11	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 19:11	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 19:11	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,PADEP-68-04440	03/21/2024 19:11	SKF

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
62-53-3	Aniline	ND		mg/kg dry	0.175	0.349	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-12-7	Anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.175	0.349	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SKF
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03	03/21/2024 19:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 19:11	SKF
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
105-60-2	Caprolactam	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 19:11	SKF
86-74-8	Carbazole	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
86-73-7	Fluorene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/21/2024 19:11	SKF
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
85-01-8	Phenanthrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF
129-00-0	Pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D Certifications:	03/21/2024 08:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 19:11	SKF

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*88.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*94.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*86.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.3 %*	*24-116*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB12A **York Sample ID:** 24C1132-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Soil	March 18, 2024 10:55 am	03/19/2024

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.3		%	0.100	1	SM 2540G	03/21/2024 13:38	03/21/2024 15:47	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 24C1132-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D	03/20/2024 08:00	03/20/2024 16:16	PD
								Certifications:			

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24C1132-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND	ICVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 24C1132-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24C1132-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
74-88-4	* Iodomethane	ND	CCVE	ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16	PD

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24C1132-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
75-85-4	tert-Amyl alcohol (TAA)	ND	ICVE	ug/L	4.16	8.00	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
109-99-9	* Tetrahydrofuran	ND	CCVE	ug/L	0.485	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00	03/20/2024 16:16	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/20/2024 16:16	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/20/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/20/2024 16:16	PD

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24C1132-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1132	C314132 Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.7 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*79-122*						

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24C1132-01	SB8A	40mL Vial with Stir Bar-Cool 4° C
24C1132-02	SB8B	40mL Vial with Stir Bar-Cool 4° C
24C1132-03	SB9A	40mL Vial with Stir Bar-Cool 4° C
24C1132-04	SB9B	40mL Vial with Stir Bar-Cool 4° C
24C1132-05	SB9C	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
24C1132-06	SB10A	40mL Vial with Stir Bar-Cool 4° C
24C1132-07	SB10B	40mL Vial with Stir Bar-Cool 4° C
24C1132-08	SB11A	40mL Vial with Stir Bar-Cool 4° C
24C1132-09	SB11B	40mL Vial with Stir Bar-Cool 4° C
24C1132-10	SB12A	40mL Vial with Stir Bar-Cool 4° C
24C1132-11	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1132

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services INC	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: Willow Brook Rentals, LLC

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Deborah Thompson
Delivered Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Soil Boring SB8A	S	3/18/24 1140	VOCs / SVOCs / TAL Metals	4oz	1
SB8B		1148	Pesticides / PCBs / PFAs, cyanide	8oz	1
SB9A		201	1,4 dioxane	40ml	4
SB9B		229		250 ml	1
SB9C		246			
SB10A		309			
SB10B		324			
SB11A		1210	VOCs, SVOCs	40ml	4
SB11B		1218		8oz	1
SB12A		1055		1	1

Comments: BCP Site No. C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Delivered Thompson	3/19/24	Chris Cattani	3-19-24 11:10	Chris Cattani	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				R	3/19/24 14:30 4.4° Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1132

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X
- PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

- New York
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Trip Blank		3/18/24 430		40ml	3

Comments: BCP Site No. C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

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

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	3/19/24	Chris Cattaneo	3-19-24 11:10	Chris Cattaneo	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/19/24 14:30 4.4° Degrees C

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 01/12/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1392

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

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

Report Date: 01/12/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1392

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 29, 2022 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1392-01	SB-1A	Soil	12/28/2022	12/29/2022
22L1392-02	SB-1B	Soil	12/28/2022	12/29/2022
22L1392-03	SB-1C	Soil	12/28/2022	12/29/2022
22L1392-04	SB-2A	Soil	12/28/2022	12/29/2022
22L1392-05	SB-2B	Soil	12/28/2022	12/29/2022
22L1392-06	SB-2C	Soil	12/28/2022	12/29/2022
22L1392-07	SB-3A	Soil	12/28/2022	12/29/2022
22L1392-08	SB-3B	Soil	12/28/2022	12/29/2022
22L1392-09	SB-3C	Soil	12/28/2022	12/29/2022
22L1392-10	SB-4A	Soil	12/28/2022	12/29/2022
22L1392-11	SB-4B	Soil	12/28/2022	12/29/2022
22L1392-12	SB-4C	Soil	12/28/2022	12/29/2022
22L1392-13	SB-5A	Soil	12/28/2022	12/29/2022
22L1392-14	SB-5B	Soil	12/28/2022	12/29/2022
22L1392-15	SB-5C	Soil	12/28/2022	12/29/2022
22L1392-16	SB-5D	Soil	12/28/2022	12/29/2022
22L1392-17	SB-6A	Soil	12/28/2022	12/29/2022
22L1392-18	SB-6B	Soil	12/28/2022	12/29/2022
22L1392-19	SB-6C	Soil	12/28/2022	12/29/2022
22L1392-20	SB-7A	Soil	12/28/2022	12/29/2022
22L1392-21	SB-7B	Soil	12/28/2022	12/29/2022
22L1392-22	SB-7C	Soil	12/28/2022	12/29/2022

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1392-23	SB-7C Dup	Soil	12/28/2022	12/29/2022
22L1392-24	Rinsate	Water	12/28/2022	12/29/2022
22L1392-25	Field Blank	Water	12/28/2022	12/29/2022
22L1392-26	Trip Blank	Water	12/28/2022	12/29/2022

General Notes for York Project (SDG) No.: 22L1392

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

Approved By: **Date:** 01/12/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-1A **York Sample ID:** 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:37	FTR
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 12:37	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0098	0.020	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:37	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
67-64-1	**Acetone**	**0.024**	CCVE, ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/30/2022 12:37	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:37	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:37	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.039	0.079	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0025	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: SB-1A **York Sample ID:** 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.039	0.079	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:37	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:37	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723	12/30/2022 12:37	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:37	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:37	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 12:37	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 11:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 11:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 11:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH

Sample Information

Client Sample ID: SB-1A **York Sample ID:** 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/04/2023 11:31	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 11:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1A **York Sample ID:** 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications:	01/04/2023 08:38 NELAC-NY10854	01/05/2023 16:15	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.420	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.420	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.420	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.420	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.420	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.840	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.25	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.25	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.10	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
31506-32-8	* **N-MeFOSA**	**0.420**		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.10	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:25	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*102 %*	*25-150*
Surrogate: M5PFHxA	*101 %*	*25-150*
Surrogate: M4PFHpA	*102 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.2 %*	*25-150*
Surrogate: M6PFDA	*95.9 %*	*25-150*
Surrogate: M7PFUdA	*92.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*74.7 %*	*25-150*
Surrogate: M2PFTeDA	*66.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*100 %*	*25-150*

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*109 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*102 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.46 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*87.0 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*83.3 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*76.5 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*80.3 %*		*25-200*						
	Surrogate: M9PFNA	*109 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*81.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*5.68 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*49.5 %*		*25-150*						
	Surrogate: M3HFPO-DA	*85.3 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*5.45 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*5.92 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/04/2023 23:13	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/04/2023 23:13	BJ

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/04/2023 23:13	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:13	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B Certifications:	12/31/2022 09:07	01/04/2023 23:13	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:28	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:28	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:28	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:28	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:28	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:28	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:28	BJ

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 01:28	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 01:28	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 01:28	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16700**		mg/kg dry	4.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-36-0	**Antimony**	**5.14**		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-38-2	**Arsenic**	**9.49**		mg/kg dry	1.31	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-39-3	**Barium**	**63.0**		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-41-7	**Beryllium**	**0.613**		mg/kg dry	0.044	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-70-2	**Calcium**	**2170**		mg/kg dry	4.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-47-3	**Chromium**	**16.3**		mg/kg dry	0.439	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-48-4	**Cobalt**	**15.2**		mg/kg dry	0.350	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7440-50-8	**Copper**	**33.3**		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7439-89-6	**Iron**	**29300**		mg/kg dry	21.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7439-92-1	**Lead**	**27.2**		mg/kg dry	0.439	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7439-95-4	**Magnesium**	**8830**		mg/kg dry	4.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW
7439-96-5	**Manganese**	**1180**		mg/kg dry	0.439	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:44	CW

Sample Information

Client Sample ID: SB-1A **York Sample ID:** 22L1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 8:30 am	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**25.7**		mg/kg dry	0.873	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1210**		mg/kg dry	4.39	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.442	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**92.9**		mg/kg dry	43.8	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.19	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.8**		mg/kg dry	0.873	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**75.0**		mg/kg dry	2.18	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	01/03/2023 09:41	01/03/2023 13:06	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.526	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G	12/29/2022 12:15	12/30/2022 11:30	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-1B** **York Sample ID:** **22L1392-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 13:04	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.014	0.028	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:04	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
67-64-1	**Acetone**	**0.31**	CCVE, ICVE	mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/30/2022 13:04	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:04	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:04	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
64-17-5	*** Ethanol**	**0.082**	J	mg/kg dry	0.056	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	**Methyl acetate**	**0.0040**	J	mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0035	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
75-65-0	**tert-Butyl alcohol (TBA)**	**0.011**		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:04	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:04	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723	12/30/2022 13:04	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:04	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:04	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 13:04	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB-1B** **York Sample ID:** **22L1392-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.210	0.420	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.210	0.420	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:01	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:01	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:01	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*33.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*34.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*33.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*35.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/04/2023 08:38	01/05/2023 16:32	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ

Sample Information

Client Sample ID: SB-1B **York Sample ID:** 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.497	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.497	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.497	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.497	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.497	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.993	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.24	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.21	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.21	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.48	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.48	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.248	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:41	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*99.9 %*	*25-150*
Surrogate: M5PFHxA	*105 %*	*25-150*
Surrogate: M4PFHpA	*100 %*	*25-150*
Surrogate: M3PFHxS	*109 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*102 %*	*25-150*
Surrogate: M6PFDA	*106 %*	*25-150*
Surrogate: M7PFUdA	*92.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.9 %*	*25-150*
Surrogate: M2PFTeDA	*66.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*107 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*95.0 %*	*25-150*

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.9 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*80.5 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*86.7 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*76.3 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*73.4 %*		*25-200*						
	Surrogate: M9PFNA	*125 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*81.8 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*10.4 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*38.3 %*		*25-150*						
	Surrogate: M3HFPO-DA	*99.9 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*14.3 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*14.2 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/04/2023 23:31	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/04/2023 23:31	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/04/2023 23:31	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.207	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:31	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0415	5	EPA 8081B Certifications:	12/31/2022 09:07	01/04/2023 23:31	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*110 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:42	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:42	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:42	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:42	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:42	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:42	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:42	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:42	BJ

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 01:42	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 01:42	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**23800**		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-36-0	**Antimony**	**3.90**		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-38-2	**Arsenic**	**6.05**		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-39-3	**Barium**	**207**		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-41-7	**Beryllium**	**1.28**		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-43-9	**Cadmium**	**0.423**		mg/kg dry	0.315	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-70-2	**Calcium**	**34700**		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-47-3	**Chromium**	**27.9**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-48-4	**Cobalt**	**16.8**		mg/kg dry	0.420	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-50-8	**Copper**	**37.9**		mg/kg dry	2.10	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7439-89-6	**Iron**	**37600**		mg/kg dry	26.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7439-92-1	**Lead**	**25.6**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7439-95-4	**Magnesium**	**12300**		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7439-96-5	**Manganese**	**975**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW
7440-02-0	**Nickel**	**40.3**		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:46	CW

Sample Information

Client Sample ID: SB-1B **York Sample ID:** 22L1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:00 am	12/29/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3510**		mg/kg dry	5.26	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.530	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**187**		mg/kg dry	52.6	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.63	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.7**		mg/kg dry	1.05	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**91.9**		mg/kg dry	2.62	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0378	1	EPA 7473	01/03/2023 09:41	01/03/2023 14:20	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.631	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.3**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	01/03/2023 12:37	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	01/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/03/2023 12:37	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/03/2023 12:37	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/03/2023 12:37	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:37	FTR

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.044	0.087	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.044	0.087	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.245	0.490	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.245	0.490	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.122	0.244	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 12:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0613	0.122	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 12:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*39.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*38.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*39.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/04/2023 08:38	01/05/2023 16:49	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.587	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.587	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.587	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.587	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.587	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.47	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	7.34	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	7.34	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.94	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.94	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ
4151-50-2	* **N-EtFOSA**	**0.356**		ug/kg dry	0.294	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 19:57	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*94.4 %*	*25-150*
Surrogate: M5PFHxA	*103 %*	*25-150*
Surrogate: M4PFHpA	*102 %*	*25-150*
Surrogate: M3PFHxS	*106 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*90.4 %*	*25-150*
Surrogate: M6PFDA	*99.0 %*	*25-150*
Surrogate: M7PFUdA	*85.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.2 %*	*25-150*
Surrogate: M2PFTeDA	*57.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*107 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*104 %*	*25-150*

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*10.9 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*71.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*75.3 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*69.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*81.6 %*		*25-200*						
	Surrogate: M9PFNA	*101 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*76.0 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*10.9 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*44.0 %*		*25-150*						
	Surrogate: M3HFPO-DA	*99.7 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*14.1 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*12.3 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/04/2023 23:49	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/04/2023 23:49	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ

Sample Information

Client Sample ID: SB-1C **York Sample ID:** 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/04/2023 23:49	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.241	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 23:49	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0482	5	EPA 8081B Certifications:	12/31/2022 09:07	01/04/2023 23:49	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*111 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:55	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:55	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:55	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:55	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:55	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:55	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 01:55	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:55	BJ

Sample Information

Client Sample ID: SB-1C

York Sample ID: 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 01:55	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0243	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 01:55	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**24400**		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-36-0	**Antimony**	**5.05**		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-38-2	**Arsenic**	**9.25**		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-39-3	**Barium**	**170**		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-41-7	**Beryllium**	**1.33**		mg/kg dry	0.062	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.368	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-70-2	**Calcium**	**25600**		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-47-3	**Chromium**	**28.0**		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-48-4	**Cobalt**	**18.8**		mg/kg dry	0.490	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-50-8	**Copper**	**45.7**		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7439-89-6	**Iron**	**42500**		mg/kg dry	30.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7439-92-1	**Lead**	**28.7**		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7439-95-4	**Magnesium**	**10500**		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7439-96-5	**Manganese**	**740**		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW
7440-02-0	**Nickel**	**41.4**		mg/kg dry	1.22	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 12:49	CW

Sample Information

Client Sample ID: SB-1C **York Sample ID:** 22L1392-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 9:15 am	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3800**		mg/kg dry	6.13	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.06	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.618	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**162**		mg/kg dry	61.3	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.06	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**33.0**		mg/kg dry	1.22	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**106**		mg/kg dry	3.05	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0441	1	EPA 7473	01/03/2023 09:41	01/03/2023 14:27	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.736	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.0**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**0.012**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	**Chlorobenzene**	**0.0085**		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:58	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB-2A** **York Sample ID:** **22L1392-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 13:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 13:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 13:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
91-57-6	**2-Methylnaphthalene**	**0.144**		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	**Benzyl butyl phthalate**	**0.282**		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**9.47**		mg/kg dry	0.222	0.442	10	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
84-74-2	**Di-n-butyl phthalate**	**0.388**		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
117-84-0	**Di-n-octyl phthalate**	**0.228**		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
206-44-0	**Fluoranthene**	**0.0460**	J	mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
91-20-3	**Naphthalene**	**0.151**		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:01	KH

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:01	KH
85-01-8	**Phenanthrene**	**0.0856**	J	mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:01	KH
129-00-0	**Pyrene**	**0.0495**	J	mg/kg dry	0.0443	0.0885	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:01	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*37.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*41.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/04/2023 08:38	01/05/2023 17:06	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.424	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.424	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.424	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.424	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.424	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.30	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.30	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:13	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*101 %*	*25-150*
Surrogate: M5PFHxA	*114 %*	*25-150*
Surrogate: M4PFHpA	*104 %*	*25-150*
Surrogate: M3PFHxS	*113 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*107 %*	*25-150*
Surrogate: M6PFDA	*117 %*	*25-150*
Surrogate: M7PFUdA	*94.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*77.5 %*	*25-150*
Surrogate: M2PFTeDA	*71.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*115 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*107 %*	*25-150*

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*116 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*13.2 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*89.4 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*87.6 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*74.7 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*70.5 %*		*25-200*						
	Surrogate: M9PFNA	*135 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*91.5 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*13.2 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*49.6 %*		*25-150*						
	Surrogate: M3HFPO-DA	*98.2 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*15.5 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*14.1 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
72-55-9	**4,4'-DDE**	**0.00278**		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 00:07	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 00:07	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 00:07	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:07	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 00:07	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.2 %*	*30-150*

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:09	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:09	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:09	BJ
53469-21-9	**Aroclor 1242**	**0.283**		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:09	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:09	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:09	BJ
11096-82-5	**Aroclor 1260**	**0.0979**		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:09	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:09	BJ

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0177	1	EPA 8082A	12/31/2022 09:07	01/05/2023 02:09	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.381**		mg/kg dry	0.0177	1	EPA 8082A	12/31/2022 09:07	01/05/2023 02:09	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13200**		mg/kg dry	4.45	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**4.02**		mg/kg dry	2.22	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.78**		mg/kg dry	1.33	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**48.5**		mg/kg dry	2.22	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.450**		mg/kg dry	0.045	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**12.0**		mg/kg dry	0.267	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2610**		mg/kg dry	4.45	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**21.2**		mg/kg dry	0.445	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**9.08**		mg/kg dry	0.356	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**121**		mg/kg dry	1.78	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**22500**		mg/kg dry	22.2	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**49.4**		mg/kg dry	0.445	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**6030**		mg/kg dry	4.45	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**594**		mg/kg dry	0.445	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**25.0**		mg/kg dry	0.886	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22L1392-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:30 am	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**685**		mg/kg dry	4.45	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.906**		mg/kg dry	0.448	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**267**		mg/kg dry	44.5	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.22	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**12.4**		mg/kg dry	0.886	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**115**		mg/kg dry	2.22	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.100**		mg/kg dry	0.0320	1	EPA 7473	01/03/2023 09:41	01/03/2023 14:36	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-2B** **York Sample ID:** **22L1392-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	**2-Butanone**	**0.012**	CCVE	mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.041**	CCVE, ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	**Benzene**	**0.012**		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	**Chlorobenzene**	**0.12**		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-2B **York Sample ID:** 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 13:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 13:30	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 13:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
62-53-3	Aniline	ND		mg/kg dry	0.214	0.428	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
92-87-5	Benzidine	ND		mg/kg dry	0.214	0.428	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/04/2023 13:30	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0940**	J	mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:30	KH

Sample Information

Client Sample ID: SB-2B **York Sample ID:** 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:30	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:30	KH
108-95-2	Phenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:30	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 13:30	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*50.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/04/2023 08:38	01/05/2023 17:23	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ

Sample Information

Client Sample ID: SB-2B **York Sample ID:** 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.516	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.516	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.516	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.516	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.516	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ

Sample Information

Client Sample ID: SB-2B **York Sample ID:** 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.03	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.29	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.45	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.45	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.58	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.58	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.258	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:29	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*87.4 %*	*25-150*
Surrogate: M5PFHxA	*98.5 %*	*25-150*
Surrogate: M4PFHpA	*94.8 %*	*25-150*
Surrogate: M3PFHxS	*98.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*86.0 %*	*25-150*
Surrogate: M6PFDA	*88.6 %*	*25-150*
Surrogate: M7PFUdA	*76.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.8 %*	*25-150*
Surrogate: M2PFTeDA	*54.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*101 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*100 %*	*25-150*

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*104 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*8.33 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*75.5 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*75.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*63.3 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*66.8 %*		*25-200*						
	Surrogate: M9PFNA	*111 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*69.2 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*7.11 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*39.4 %*		*25-150*						
	Surrogate: M3HFPO-DA	*96.3 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*11.0 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*11.1 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 00:25	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 00:25	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 00:25	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.211	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:25	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0423	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 00:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*121 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*113 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:23	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:23	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:23	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:23	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:23	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:23	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:23	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:23	BJ

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:23	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 02:23	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*120 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**25600**		mg/kg dry	5.37	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-36-0	**Antimony**	**8.32**		mg/kg dry	2.69	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-38-2	**Arsenic**	**7.56**		mg/kg dry	1.61	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-39-3	**Barium**	**237**		mg/kg dry	2.68	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-41-7	**Beryllium**	**1.49**		mg/kg dry	0.054	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-70-2	**Calcium**	**1780**		mg/kg dry	5.38	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-47-3	**Chromium**	**30.5**		mg/kg dry	0.538	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-48-4	**Cobalt**	**18.7**		mg/kg dry	0.430	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-50-8	**Copper**	**45.1**		mg/kg dry	2.15	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7439-89-6	**Iron**	**42500**		mg/kg dry	26.9	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7439-92-1	**Lead**	**31.4**		mg/kg dry	0.538	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7439-95-4	**Magnesium**	**10700**		mg/kg dry	5.38	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7439-96-5	**Manganese**	**847**		mg/kg dry	0.538	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW
7440-02-0	**Nickel**	**47.3**		mg/kg dry	1.07	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:54	CW

Sample Information

Client Sample ID: SB-2B **York Sample ID:** 22L1392-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 10:47 am	12/29/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**2850**		mg/kg dry	5.38	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**113**		mg/kg dry	53.8	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**32.2**		mg/kg dry	1.07	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**101**		mg/kg dry	2.68	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0387	1	EPA 7473	01/03/2023 09:41	01/03/2023 14:45	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.645	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.5**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-2C **York Sample ID:** 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 14:52	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:52	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
67-64-1	**Acetone**	**0.0068**	CCVE, ICVE, J	mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/30/2022 14:52	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:52	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:52	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:52	FTR

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR

Sample Information

Client Sample ID: SB-2C **York Sample ID:** 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:52	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 14:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 14:00	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,PADEP	01/04/2023 14:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.212	0.425	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.212	0.425	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:00	KH

Sample Information

Client Sample ID: SB-2C **York Sample ID:** 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:00	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:00	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:00	KH
108-95-2	Phenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:00	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:00	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*23.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*24.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*23.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*26.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*30.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/04/2023 08:38	01/05/2023 17:40	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.506	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.506	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.506	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.506	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.506	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.27	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.33	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.33	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.53	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.53	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 20:45	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*83.4 %*	*25-150*
Surrogate: M5PFHxA	*93.8 %*	*25-150*
Surrogate: M4PFHpA	*87.9 %*	*25-150*
Surrogate: M3PFHxS	*95.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*75.5 %*	*25-150*
Surrogate: M6PFDA	*86.6 %*	*25-150*
Surrogate: M7PFUdA	*79.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*69.4 %*	*25-150*
Surrogate: M2PFTeDA	*55.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*89.0 %*	*25-150*

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*101 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*18.3 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*68.1 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*69.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*61.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*69.9 %*		*25-200*						
	Surrogate: M9PFNA	*108 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*66.7 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*15.5 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*52.4 %*		*25-150*						
	Surrogate: M3HFPO-DA	*87.7 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*18.2 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*17.7 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 00:43	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 00:43	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 00:43	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.210	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 00:43	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0420	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 00:43	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:36	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:36	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:36	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:36	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:36	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:36	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:36	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:36	BJ

Sample Information

Client Sample ID: SB-2C

York Sample ID: 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:36	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0212	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 02:36	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**24100**		mg/kg dry	5.32	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-36-0	**Antimony**	**6.64**		mg/kg dry	2.66	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-38-2	**Arsenic**	**11.8**		mg/kg dry	1.60	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-39-3	**Barium**	**199**		mg/kg dry	2.65	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-41-7	**Beryllium**	**1.40**		mg/kg dry	0.054	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-43-9	**Cadmium**	**0.339**		mg/kg dry	0.319	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-70-2	**Calcium**	**15400**		mg/kg dry	5.32	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-47-3	**Chromium**	**29.9**		mg/kg dry	0.532	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-48-4	**Cobalt**	**17.5**		mg/kg dry	0.425	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-50-8	**Copper**	**44.5**		mg/kg dry	2.13	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7439-89-6	**Iron**	**43400**		mg/kg dry	26.6	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7439-92-1	**Lead**	**26.7**		mg/kg dry	0.532	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7439-95-4	**Magnesium**	**11700**		mg/kg dry	5.32	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7439-96-5	**Manganese**	**602**		mg/kg dry	0.532	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW
7440-02-0	**Nickel**	**43.2**		mg/kg dry	1.06	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:56	CW

Sample Information

Client Sample ID: SB-2C **York Sample ID:** 22L1392-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 11:15 am	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3360**		mg/kg dry	5.32	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**117**		mg/kg dry	53.2	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.66	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**31.5**		mg/kg dry	1.06	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**105**		mg/kg dry	2.65	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0383	1	EPA 7473	01/03/2023 09:41	01/03/2023 14:55	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.638	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.4**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-3A** **York Sample ID:** **22L1392-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 15:20	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 15:20	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
67-64-1	**Acetone**	**0.015**	CCVE, ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/30/2022 15:20	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 15:20	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 15:20	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 15:20	FTR

Sample Information

Client Sample ID: SB-3A **York Sample ID:** 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR

Sample Information

Client Sample ID: SB-3A **York Sample ID:** 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 14:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: **SB-3A** **York Sample ID:** **22L1392-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.385**		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
206-44-0	**Fluoranthene**	**0.0526**	J	mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:30	KH

Sample Information

Client Sample ID: SB-3A **York Sample ID:** 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:30	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:30	KH
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:30	KH
129-00-0	**Pyrene**	**0.0483**	J	mg/kg dry	0.0458	0.0915	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 14:30	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/04/2023 08:38	01/05/2023 18:15	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ

Sample Information

Client Sample ID: SB-3A **York Sample ID:** 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.446	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.446	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.446	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.446	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.446	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.893	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.58	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.58	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.23	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
31506-32-8	* **N-MeFOSA**	**0.522**		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.23	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:01	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*112 %*	*25-150*
Surrogate: M5PFHxA	*117 %*	*25-150*
Surrogate: M4PFHpA	*116 %*	*25-150*
Surrogate: M3PFHxS	*129 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*107 %*	*25-150*
Surrogate: M6PFDA	*114 %*	*25-150*
Surrogate: M7PFUdA	*99.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*85.7 %*	*25-150*
Surrogate: M2PFTeDA	*72.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*115 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*125 %*	*25-150*

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*119 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.21 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*99.2 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*100 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*88.0 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*94.4 %*		*25-200*						
	Surrogate: M9PFNA	*116 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*93.0 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*6.29 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*51.3 %*		*25-150*						
	Surrogate: M3HFPO-DA	*102 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*8.62 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*8.45 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 01:01	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 01:01	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 01:01	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:01	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 01:01	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:50	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:50	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:50	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:50	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:50	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:50	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 02:50	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 02:50	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15700**		mg/kg dry	4.68	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-36-0	**Antimony**	**5.39**		mg/kg dry	2.34	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-38-2	**Arsenic**	**7.63**		mg/kg dry	1.40	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-39-3	**Barium**	**91.0**		mg/kg dry	2.33	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-41-7	**Beryllium**	**0.745**		mg/kg dry	0.047	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-43-9	**Cadmium**	**1.18**		mg/kg dry	0.281	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-70-2	**Calcium**	**11800**		mg/kg dry	4.68	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-47-3	**Chromium**	**20.5**		mg/kg dry	0.468	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-48-4	**Cobalt**	**14.6**		mg/kg dry	0.374	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-50-8	**Copper**	**71.7**		mg/kg dry	1.87	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7439-89-6	**Iron**	**34900**		mg/kg dry	23.4	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7439-92-1	**Lead**	**203**		mg/kg dry	0.468	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7439-95-4	**Magnesium**	**8490**		mg/kg dry	4.68	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7439-96-5	**Manganese**	**1250**		mg/kg dry	0.468	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW
7440-02-0	**Nickel**	**31.3**		mg/kg dry	0.932	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 12:59	CW

Sample Information

Client Sample ID: SB-3A **York Sample ID:** 22L1392-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:05 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1580**		mg/kg dry	4.68	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**251**		mg/kg dry	46.8	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.47**		mg/kg dry	2.34	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.4**		mg/kg dry	0.932	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**138**		mg/kg dry	2.33	1	EPA 6010D	01/04/2023 14:36	01/05/2023 12:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0430**		mg/kg dry	0.0337	1	EPA 7473	01/03/2023 09:41	01/03/2023 15:04	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-3B** **York Sample ID:** **22L1392-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 12:32	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.025	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:32	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
67-64-1	**Acetone**	**0.014**	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/30/2022 12:32	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:32	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 12:32	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 12:32	FTR

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0031	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.212	0.424	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.212	0.424	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.456**		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:00	KH

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:00	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:00	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:00	KH
108-95-2	Phenol	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:00	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0531	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:00	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*53.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 12:51	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.510	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.510	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.510	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.510	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.510	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.27	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.37	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.37	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.55	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.55	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ
4151-50-2	* **N-EtFOSA**	**0.629**		ug/kg dry	0.255	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:18	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*92.6 %*	*25-150*
Surrogate: M5PFHxA	*104 %*	*25-150*
Surrogate: M4PFHpA	*104 %*	*25-150*
Surrogate: M3PFHxS	*108 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*89.7 %*	*25-150*
Surrogate: M6PFDA	*102 %*	*25-150*
Surrogate: M7PFUdA	*83.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*77.2 %*	*25-150*
Surrogate: M2PFTeDA	*57.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*102 %*	*25-150*

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*108 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*11.4 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*76.9 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*80.5 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*76.2 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*74.1 %*		*25-200*						
	Surrogate: M9PFNA	*120 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*72.6 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*9.79 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*45.8 %*		*25-150*						
	Surrogate: M3HFPO-DA	*98.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*13.0 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*12.4 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
72-55-9	**4,4'-DDE**	**0.00293**		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 01:19	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 01:19	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 01:19	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.208	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 01:19	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0416	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 01:19	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:04	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:04	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:04	BJ
53469-21-9	**Aroclor 1242**	**0.212**		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:04	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:04	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:04	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:04	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:04	BJ

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 03:04	BJ
1336-36-3	*** Total PCBs**	**0.212**		mg/kg dry	0.0210	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 03:04	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**24100**		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-36-0	**Antimony**	**7.08**		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-38-2	**Arsenic**	**12.5**		mg/kg dry	1.61	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-39-3	**Barium**	**206**		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-41-7	**Beryllium**	**1.32**		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-43-9	**Cadmium**	**0.370**		mg/kg dry	0.322	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-70-2	**Calcium**	**17300**		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-47-3	**Chromium**	**29.3**		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-48-4	**Cobalt**	**19.5**		mg/kg dry	0.429	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-50-8	**Copper**	**39.5**		mg/kg dry	2.15	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7439-89-6	**Iron**	**42000**		mg/kg dry	26.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7439-92-1	**Lead**	**24.2**		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7439-95-4	**Magnesium**	**11200**		mg/kg dry	5.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7439-96-5	**Manganese**	**747**		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW
7440-02-0	**Nickel**	**41.3**		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:13	CW

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22L1392-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:35 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3790**		mg/kg dry	5.37	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.68	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.541	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**138**		mg/kg dry	53.6	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.70**		mg/kg dry	2.68	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.8**		mg/kg dry	1.07	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**97.9**		mg/kg dry	2.67	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0386	1	EPA 7473	01/03/2023 09:41	01/03/2023 15:13	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.644	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.7**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.023	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND	CCVE	mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-3C **York Sample ID:** 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.046	0.091	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR

Sample Information

Client Sample ID: SB-3C **York Sample ID:** 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.046	0.091	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,NJDEP,PADEP
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,PADEP
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,PADEP
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,NJDEP,PADEP
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH NELAC-NY10854,NJDEP,PADEP
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.219	0.437	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.437	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29	01/04/2023 15:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications:	01/03/2023 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:30	KH

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:30	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:30	KH
108-95-2	Phenol	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:30	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0547	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:29	01/04/2023 15:30	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*48.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 13:08	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.521	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.521	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.521	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.521	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.521	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.30	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.51	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.51	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.61	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.61	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ
4151-50-2	* **N-EtFOSA**	**0.311**		ug/kg dry	0.261	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:34	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*85.9 %*	*25-150*
Surrogate: M5PFHxA	*96.5 %*	*25-150*
Surrogate: M4PFHpA	*95.1 %*	*25-150*
Surrogate: M3PFHxS	*96.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*87.6 %*	*25-150*
Surrogate: M6PFDA	*96.7 %*	*25-150*
Surrogate: M7PFUdA	*78.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*69.8 %*	*25-150*
Surrogate: M2PFTeDA	*57.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*99.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*102 %*	*25-150*

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*99.2 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*11.5 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*73.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*74.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*61.1 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*62.9 %*		*25-200*						
	Surrogate: M9PFNA	*114 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*65.3 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*8.72 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*38.1 %*		*25-150*						
	Surrogate: M3HFPO-DA	*87.9 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*11.9 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*12.5 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 02:14	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 02:14	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 02:14	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:14	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0426	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 02:14	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:17	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:17	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:17	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:17	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:17	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:17	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:17	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:17	BJ

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:17	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 03:17	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**24400**		mg/kg dry	5.47	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-36-0	**Antimony**	**6.00**		mg/kg dry	2.74	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-38-2	**Arsenic**	**8.52**		mg/kg dry	1.64	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-39-3	**Barium**	**203**		mg/kg dry	2.73	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-41-7	**Beryllium**	**1.39**		mg/kg dry	0.055	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-70-2	**Calcium**	**17500**		mg/kg dry	5.47	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-47-3	**Chromium**	**29.1**		mg/kg dry	0.548	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-48-4	**Cobalt**	**18.4**		mg/kg dry	0.437	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-50-8	**Copper**	**41.6**		mg/kg dry	2.19	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7439-89-6	**Iron**	**40100**		mg/kg dry	27.4	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7439-92-1	**Lead**	**28.7**		mg/kg dry	0.548	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7439-95-4	**Magnesium**	**11200**		mg/kg dry	5.48	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7439-96-5	**Manganese**	**636**		mg/kg dry	0.548	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW
7440-02-0	**Nickel**	**41.3**		mg/kg dry	1.09	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:16	CW

Sample Information

Client Sample ID: SB-3C

York Sample ID: 22L1392-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 12:59 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**4190**		mg/kg dry	5.48	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:16	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.74	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:16	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:16	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**136**		mg/kg dry	54.7	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:16	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:16	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**31.9**		mg/kg dry	1.09	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:16	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**102**		mg/kg dry	2.72	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:16	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0394	1	EPA 7473	01/03/2023 09:44	01/03/2023 12:26	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.657	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.2**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-4A** **York Sample ID:** **22L1392-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.083	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.0047**	CCVE, J	mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.033	0.067	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0021	0.0083	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR

Sample Information

Client Sample ID: SB-4A **York Sample ID:** 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.033	0.067	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:25	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.6 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4A **York Sample ID:** 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 11:04	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 11:04	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 11:04	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:04	KH

Sample Information

Client Sample ID: SB-4A **York Sample ID:** 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:04	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:04	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:04	KH
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:04	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:04	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*59.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 13:25	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ

Sample Information

Client Sample ID: SB-4A **York Sample ID:** 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.694**		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
2991-50-6	*** N-EtFOSAA**	**0.678**		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.449	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.449	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.449	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.449	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.449	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.898	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.61	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.61	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.24	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
31506-32-8	* **N-MeFOSA**	**0.279**		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.24	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 21:50	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.0 %*	*25-150*
Surrogate: M5PFHxA	*114 %*	*25-150*
Surrogate: M4PFHpA	*109 %*	*25-150*
Surrogate: M3PFHxS	*109 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*102 %*	*25-150*
Surrogate: M6PFDA	*121 %*	*25-150*
Surrogate: M7PFUdA	*104 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.0 %*	*25-150*
Surrogate: M2PFTeDA	*68.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*111 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*125 %*	*25-150*

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*116 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.19 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*91.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*83.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*73.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*85.1 %*		*25-200*						
	Surrogate: M9PFNA	*119 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*75.9 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*4.67 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*38.2 %*		*25-150*						
	Surrogate: M3HFPO-DA	*106 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*5.30 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*4.64 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 02:32	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 02:32	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ

Sample Information

Client Sample ID: SB-4A **York Sample ID:** 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 02:32	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:32	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 02:32	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:31	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:31	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:31	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:31	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:31	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:31	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 03:31	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:31	BJ

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 03:31	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 03:31	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16100**		mg/kg dry	4.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-36-0	**Antimony**	**5.02**		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-38-2	**Arsenic**	**5.91**		mg/kg dry	1.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-39-3	**Barium**	**67.9**		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-41-7	**Beryllium**	**0.693**		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-70-2	**Calcium**	**16600**		mg/kg dry	4.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-47-3	**Chromium**	**18.5**		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-48-4	**Cobalt**	**13.7**		mg/kg dry	0.379	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-50-8	**Copper**	**30.8**		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7439-89-6	**Iron**	**32200**		mg/kg dry	23.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7439-92-1	**Lead**	**22.0**		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7439-95-4	**Magnesium**	**10700**		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7439-96-5	**Manganese**	**874**		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW
7440-02-0	**Nickel**	**28.6**		mg/kg dry	0.945	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:18	CW

Sample Information

Client Sample ID: SB-4A **York Sample ID:** 22L1392-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:20 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1680**		mg/kg dry	4.75	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**61.4**		mg/kg dry	47.4	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.6**		mg/kg dry	0.945	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**78.8**		mg/kg dry	2.36	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0341	1	EPA 7473	01/03/2023 09:44	01/03/2023 13:16	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-4B** **York Sample ID:** **22L1392-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	**1,2,4-Trimethylbenzene**	**0.0031**	J	mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	**2-Butanone**	**0.013**	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.041**	CCVE	mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	**Chlorobenzene**	**0.0047**	J	mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-4B **York Sample ID:** 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.048	0.095	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.048	0.095	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:51	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:51	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723	12/30/2022 13:51	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:51	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:51	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 13:51	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.6 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 11:34	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 11:34	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 11:34	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
62-53-3	Aniline	ND		mg/kg dry	0.227	0.454	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
92-87-5	Benzidine	ND		mg/kg dry	0.227	0.454	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/04/2023 11:34	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 11:34	KH

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:34	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:34	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:34	KH
108-95-2	Phenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:34	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 11:34	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*61.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 13:42	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ

Sample Information

Client Sample ID: SB-4B **York Sample ID:** 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**1.61**		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
2991-50-6	*** N-EtFOSAA**	**2.37**		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.537	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.537	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.537	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.537	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.537	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.07	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.34	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.71	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.71	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.68	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.68	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.268	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:38	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*103 %*	*25-150*
Surrogate: M5PFHxA	*108 %*	*25-150*
Surrogate: M4PFHpA	*103 %*	*25-150*
Surrogate: M3PFHxS	*118 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*94.9 %*	*25-150*
Surrogate: M6PFDA	*118 %*	*25-150*
Surrogate: M7PFUdA	*93.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*87.5 %*	*25-150*
Surrogate: M2PFTeDA	*69.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*106 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*106 %*	*25-150*

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*110 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.16 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*74.6 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*65.0 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*73.7 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*84.7 %*		*25-200*						
	Surrogate: M9PFNA	*104 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*82.8 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*7.78 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*48.1 %*		*25-150*						
	Surrogate: M3HFPO-DA	*94.5 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*4.47 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*4.37 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 02:50	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 02:50	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 02:50	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.219	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 02:50	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0438	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 02:50	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:12	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:12	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:12	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:12	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:12	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:12	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:12	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:12	BJ

Sample Information

Client Sample ID: **SB-4B** **York Sample ID:** **22L1392-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 04:12	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0221	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 04:12	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**25800**		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-36-0	**Antimony**	**9.49**		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-38-2	**Arsenic**	**8.87**		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-39-3	**Barium**	**198**		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-41-7	**Beryllium**	**1.58**		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-70-2	**Calcium**	**1580**		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-47-3	**Chromium**	**32.4**		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-48-4	**Cobalt**	**23.6**		mg/kg dry	0.454	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-50-8	**Copper**	**78.0**		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7439-89-6	**Iron**	**46400**		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7439-92-1	**Lead**	**33.1**		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7439-95-4	**Magnesium**	**9960**		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7439-96-5	**Manganese**	**967**		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW
7440-02-0	**Nickel**	**50.8**		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:20	CW

Sample Information

Client Sample ID: SB-4B **York Sample ID:** 22L1392-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:29 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3120**		mg/kg dry	5.69	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:20	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:20	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.573	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:20	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**188**		mg/kg dry	56.8	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:20	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.96**		mg/kg dry	2.84	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:20	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**33.7**		mg/kg dry	1.13	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:20	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**126**		mg/kg dry	2.83	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:20	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0423**		mg/kg dry	0.0409	1	EPA 7473	01/03/2023 09:44	01/03/2023 13:23	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.682	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.3**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 14:17	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:17	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
67-64-1	Acetone	ND	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:17	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:17	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:17	FTR

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4C **York Sample ID:** 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 12:03	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 12:03	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 12:03	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.217	0.434	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.217	0.434	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:03	KH

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:03	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:03	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:03	KH
108-95-2	Phenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:03	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:03	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 13:59	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ

Sample Information

Client Sample ID: SB-4C **York Sample ID:** 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.527	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.527	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.527	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.527	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.527	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.32	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.58	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.58	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.63	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.63	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ
4151-50-2	* **N-EtFOSA**	**0.470**		ug/kg dry	0.263	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 22:54	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*92.9 %*	*25-150*
Surrogate: M5PFHxA	*95.2 %*	*25-150*
Surrogate: M4PFHpA	*95.0 %*	*25-150*
Surrogate: M3PFHxS	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*98.7 %*	*25-150*
Surrogate: M6PFDA	*92.7 %*	*25-150*
Surrogate: M7PFUdA	*89.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.8 %*	*25-150*
Surrogate: M2PFTeDA	*60.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*101 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*96.5 %*	*25-150*

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*102 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*13.4 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*76.1 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*77.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*69.9 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*73.0 %*		*25-200*						
	Surrogate: M9PFNA	*99.7 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*74.6 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*14.5 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*46.9 %*		*25-150*						
	Surrogate: M3HFPO-DA	*92.2 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*13.4 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*13.2 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 03:08	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 03:08	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 03:08	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:08	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0426	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 03:08	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*113 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:25	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:25	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:25	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:25	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:25	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:25	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:25	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:25	BJ

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 04:25	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 04:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**23100**		mg/kg dry	5.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-36-0	**Antimony**	**3.58**		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-38-2	**Arsenic**	**5.69**		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-39-3	**Barium**	**160**		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-41-7	**Beryllium**	**1.30**		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-43-9	**Cadmium**	**0.509**		mg/kg dry	0.329	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-70-2	**Calcium**	**33600**		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-47-3	**Chromium**	**27.5**		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-48-4	**Cobalt**	**18.5**		mg/kg dry	0.438	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-50-8	**Copper**	**42.8**		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7439-89-6	**Iron**	**39200**		mg/kg dry	27.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7439-92-1	**Lead**	**26.3**		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7439-95-4	**Magnesium**	**11800**		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7439-96-5	**Manganese**	**559**		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW
7440-02-0	**Nickel**	**36.1**		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:36	01/05/2023 13:22	CW

Sample Information

Client Sample ID: SB-4C

York Sample ID: 22L1392-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 1:38 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3420**		mg/kg dry	5.49	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.74	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.553	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**165**		mg/kg dry	54.9	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.7**		mg/kg dry	1.09	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**98.2**		mg/kg dry	2.73	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0395	1	EPA 7473	01/03/2023 09:44	01/03/2023 13:32	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.658	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.0**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-5A** **York Sample ID:** **22L1392-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.077	0.15	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 14:44	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.015	0.031	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:44	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:44	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:44	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:44	FTR

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0038	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.5 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB-5A** **York Sample ID:** **22L1392-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 12:32	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 12:32	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 12:32	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
65794-96-9	**3- & 4-Methylphenols**	**0.138**		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH

Sample Information

Client Sample ID: SB-5A **York Sample ID:** 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
62-53-3	Aniline	ND		mg/kg dry	0.202	0.403	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
92-87-5	Benzidine	ND		mg/kg dry	0.202	0.403	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/04/2023 12:32	KH
56-55-3	**Benzo(a)anthracene**	**0.0804**	J	mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
50-32-8	**Benzo(a)pyrene**	**0.104**		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
205-99-2	**Benzo(b)fluoranthene**	**0.102**		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0837**	J	mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0885**	J	mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH

Sample Information

Client Sample ID: **SB-5A** **York Sample ID:** **22L1392-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.136**		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
218-01-9	**Chrysene**	**0.104**		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
206-44-0	**Fluoranthene**	**0.158**		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0788**	J	mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 12:32	KH

Sample Information

Client Sample ID: SB-5A **York Sample ID:** 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:32	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:32	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:32	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:32	KH
85-01-8	**Phenanthrene**	**0.0636**	J	mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:32	KH
108-95-2	Phenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:32	KH
129-00-0	**Pyrene**	**0.149**		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 12:32	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*47.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 14:16	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*50.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.505**		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**1.26**		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.487	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.487	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.487	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.487	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.487	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.974	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.22	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.09	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.09	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.43	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.43	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.243	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:10	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*105 %*	*25-150*
Surrogate: M5PFHxA	*106 %*	*25-150*
Surrogate: M4PFHpA	*104 %*	*25-150*
Surrogate: M3PFHxS	*125 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*	*25-150*
Surrogate: M6PFDA	*111 %*	*25-150*
Surrogate: M7PFUdA	*98.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*84.8 %*	*25-150*
Surrogate: M2PFTeDA	*67.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*105 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*118 %*	*25-150*

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.36 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*84.4 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*83.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*77.2 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*94.1 %*		*25-200*						
	Surrogate: M9PFNA	*122 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*89.3 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*5.03 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*47.9 %*		*25-150*						
	Surrogate: M3HFPO-DA	*95.3 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*6.22 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*5.50 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 03:26	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 03:26	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 03:26	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:26	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0393	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 03:26	BJ

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.2 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*23.9 %*	S-GC	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:39	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:39	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:39	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:39	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:39	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:39	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:39	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:39	BJ

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:39	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 04:39	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15500**		mg/kg dry	5.11	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-36-0	**Antimony**	**5.13**		mg/kg dry	2.56	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-38-2	**Arsenic**	**5.97**		mg/kg dry	1.53	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-39-3	**Barium**	**64.6**		mg/kg dry	2.55	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-41-7	**Beryllium**	**0.553**		mg/kg dry	0.052	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.307	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-70-2	**Calcium**	**4860**		mg/kg dry	5.11	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-47-3	**Chromium**	**18.9**		mg/kg dry	0.512	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-48-4	**Cobalt**	**12.0**		mg/kg dry	0.409	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-50-8	**Copper**	**36.3**		mg/kg dry	2.05	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7439-89-6	**Iron**	**29100**		mg/kg dry	25.6	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7439-92-1	**Lead**	**41.5**		mg/kg dry	0.512	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7439-95-4	**Magnesium**	**8150**		mg/kg dry	5.12	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7439-96-5	**Manganese**	**984**		mg/kg dry	0.512	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW
7440-02-0	**Nickel**	**26.0**		mg/kg dry	1.02	1	EPA 6010D Certifications:	01/04/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 13:24	CW

Sample Information

Client Sample ID: SB-5A **York Sample ID:** 22L1392-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:15 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1250**		mg/kg dry	5.12	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.56	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	51.1	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.56	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.6**		mg/kg dry	1.02	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**124**		mg/kg dry	2.55	1	EPA 6010D	01/04/2023 14:36	01/05/2023 13:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0900**		mg/kg dry	0.0368	1	EPA 7473	01/03/2023 09:44	01/03/2023 13:41	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.613	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.5**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-5B** **York Sample ID:** **22L1392-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	**2-Butanone**	**0.0056**	CCVE, J	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.023	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.028**	CCVE	mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.046	0.093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.046	0.093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.2 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 13:02	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 13:02	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 13:02	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH

Sample Information

Client Sample ID: SB-5B **York Sample ID:** 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0571**	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.191**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.174**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.144**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.112**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.149**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: **SB-5B** **York Sample ID:** **22L1392-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
218-01-9	**Chrysene**	**0.181**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
206-44-0	**Fluoranthene**	**0.367**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.121**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:02	KH

Sample Information

Client Sample ID: SB-5B **York Sample ID:** 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 13:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 13:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 13:02	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 13:02	KH
85-01-8	**Phenanthrene**	**0.171**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 13:02	KH
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 13:02	KH
129-00-0	**Pyrene**	**0.332**		mg/kg dry	0.0465	0.0928	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 13:02	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 14:50	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.452	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.452	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.452	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.452	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.452	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.904	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.65	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.65	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.26	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.26	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.226	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:26	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.9 %*	*25-150*
Surrogate: M5PFHxA	*111 %*	*25-150*
Surrogate: M4PFHpA	*106 %*	*25-150*
Surrogate: M3PFHxS	*117 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*104 %*	*25-150*
Surrogate: M6PFDA	*99.7 %*	*25-150*
Surrogate: M7PFUdA	*94.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*70.1 %*	*25-150*
Surrogate: M2PFTeDA	*62.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*112 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*110 %*	*25-150*

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*13.0 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*81.5 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*84.7 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*79.5 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*77.6 %*		*25-200*						
	Surrogate: M9PFNA	*114 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*83.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*14.6 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*43.6 %*		*25-150*						
	Surrogate: M3HFPO-DA	*101 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*13.7 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*16.3 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 03:44	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 03:44	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 03:44	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 03:44	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 03:44	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:53	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:53	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:53	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:53	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:53	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:53	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 04:53	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:53	BJ

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 04:53	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 04:53	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	4.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-36-0	**Antimony**	**5.03**		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-38-2	**Arsenic**	**4.97**		mg/kg dry	1.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-39-3	**Barium**	**63.6**		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-41-7	**Beryllium**	**0.668**		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-70-2	**Calcium**	**3360**	B	mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-48-4	**Cobalt**	**12.2**		mg/kg dry	0.379	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-50-8	**Copper**	**37.4**		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7439-89-6	**Iron**	**26500**		mg/kg dry	23.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7439-92-1	**Lead**	**112**		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7439-95-4	**Magnesium**	**6070**		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7439-96-5	**Manganese**	**469**		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW
7440-02-0	**Nickel**	**24.1**		mg/kg dry	0.945	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:43	CW

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22L1392-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:29 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1040**		mg/kg dry	4.75	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**92.7**		mg/kg dry	47.5	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.53**		mg/kg dry	2.37	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.8**		mg/kg dry	0.945	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**103**		mg/kg dry	2.36	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.192**		mg/kg dry	0.0342	1	EPA 7473	01/03/2023 09:44	01/03/2023 13:51	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**0.0053**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.21**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	**1,2-Dichlorobenzene**	**0.0043**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	**1,3,5-Trimethylbenzene**	**0.073**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	**1,4-Dichlorobenzene**	**0.11**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	**2-Butanone**	**0.011**	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.023	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.036**	CCVE	mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	**Carbon disulfide**	**0.016**		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	**Chlorobenzene**	**0.018**		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 15:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-5C **York Sample ID:** 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**0.0063**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
64-17-5	* Ethanol	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
100-41-4	**Ethyl Benzene**	**0.030**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-88-4	* Iodomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
98-82-8	**Isopropylbenzene**	**0.010**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	**Naphthalene**	**0.010**	J	mg/kg dry	0.0029	0.012	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0050**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
103-65-1	**n-Propylbenzene**	**0.017**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
95-47-6	**o-Xylene**	**0.049**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.22**		mg/kg dry	0.0058	0.012	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* **p-Diethylbenzene**	**0.025**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
622-96-8	* **p-Ethyltoluene**	**0.012**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
99-87-6	**p-Isopropyltoluene**	**0.17**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
135-98-8	**sec-Butylbenzene**	**0.0072**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:			
108-88-3	**Toluene**	**0.038**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**0.27**		mg/kg dry	0.0087	0.017	1	EPA 8260C	12/30/2022 09:00	12/30/2022 15:36	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*	*76-130*

Sample Information

Client Sample ID: **SB-5C** **York Sample ID:** **22L1392-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 13:32	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 13:32	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 13:32	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.837**		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5C **York Sample ID:** 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
108-95-2	Phenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 13:32	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*44.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*44.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications:	01/03/2023 08:19 NELAC-NY10854	01/04/2023 15:07	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.492	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.492	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.492	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.492	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.492	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.984	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.23	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.15	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.15	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.46	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.46	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.246	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:42	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.1 %*	*25-150*
Surrogate: M5PFHxA	*114 %*	*25-150*
Surrogate: M4PFHpA	*104 %*	*25-150*
Surrogate: M3PFHxS	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*90.4 %*	*25-150*
Surrogate: M6PFDA	*92.0 %*	*25-150*
Surrogate: M7PFUdA	*84.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*73.8 %*	*25-150*
Surrogate: M2PFTeDA	*54.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*112 %*	*25-150*

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*95.6 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*118 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.7 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*79.9 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*78.7 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*73.5 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*66.9 %*		*25-200*						
	Surrogate: M9PFNA	*109 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*80.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*24.8 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*51.8 %*		*25-150*						
	Surrogate: M3HFPO-DA	*102 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*21.7 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*23.3 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 04:02	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 04:02	BJ

Sample Information

Client Sample ID: SB-5C **York Sample ID:** 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 04:02	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.203	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:02	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0406	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 04:02	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*108 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:06	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:06	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:06	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:06	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:06	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:06	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:06	BJ

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 05:06	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 05:06	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 05:06	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**23400**		mg/kg dry	5.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-36-0	**Antimony**	**5.79**		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-38-2	**Arsenic**	**2.76**		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-39-3	**Barium**	**187**		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-41-7	**Beryllium**	**1.05**		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-70-2	**Calcium**	**8370**	B	mg/kg dry	5.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-47-3	**Chromium**	**27.7**		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-48-4	**Cobalt**	**16.9**		mg/kg dry	0.416	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7440-50-8	**Copper**	**48.9**		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7439-89-6	**Iron**	**32200**		mg/kg dry	26.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7439-92-1	**Lead**	**25.5**		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7439-95-4	**Magnesium**	**9190**		mg/kg dry	5.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW
7439-96-5	**Manganese**	**424**		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:45	CW

Sample Information

Client Sample ID: SB-5C

York Sample ID: 22L1392-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:43 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**35.4**		mg/kg dry	1.04	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2940**		mg/kg dry	5.21	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**230**		mg/kg dry	52.1	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.3**		mg/kg dry	1.04	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**106**		mg/kg dry	2.59	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0399**		mg/kg dry	0.0375	1	EPA 7473	01/03/2023 09:44	01/03/2023 14:00	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.625	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.0**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-5D** **York Sample ID:** **22L1392-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-5D **York Sample ID:** 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR

Sample Information

Client Sample ID: SB-5D **York Sample ID:** 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 16:02	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:02	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723	12/30/2022 16:02	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 16:02	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:02	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 16:02	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.5 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB-5D** **York Sample ID:** **22L1392-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.218	0.435	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.218	0.435	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:02	KH

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:02	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:02	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:02	KH
108-95-2	Phenol	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:02	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0545	0.109	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:02	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 15:24	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.529	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.529	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.529	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.529	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.529	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.32	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.62	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.62	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.65	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.65	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.265	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/10/2023 23:58	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*102 %*	*25-150*
Surrogate: M5PFHxA	*108 %*	*25-150*
Surrogate: M4PFHpA	*100 %*	*25-150*
Surrogate: M3PFHxS	*112 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*90.6 %*	*25-150*
Surrogate: M6PFDA	*103 %*	*25-150*
Surrogate: M7PFUdA	*97.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*83.9 %*	*25-150*
Surrogate: M2PFTeDA	*64.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*110 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*104 %*	*25-150*

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*16.7 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*75.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*80.8 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*71.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*73.5 %*		*25-200*						
	Surrogate: M9PFNA	*109 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*78.2 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*13.7 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*51.7 %*		*25-150*						
	Surrogate: M3HFPO-DA	*104 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*14.5 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*13.6 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 04:20	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 04:20	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP	01/05/2023 04:20	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.214	5	EPA 8081B Certifications:	12/31/2022 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 04:20	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0427	5	EPA 8081B Certifications:	12/31/2022 09:07	01/05/2023 04:20	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:20	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:20	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:20	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:20	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:20	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:20	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/05/2023 05:20	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07 NELAC-NY10854,NJDEP,PADEP	01/05/2023 05:20	BJ

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/31/2022 09:07	01/05/2023 05:20	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	12/31/2022 09:07	01/05/2023 05:20	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20300**		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-36-0	**Antimony**	**5.68**		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-38-2	**Arsenic**	**6.29**		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-39-3	**Barium**	**116**		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-41-7	**Beryllium**	**1.02**		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-70-2	**Calcium**	**23800**	B	mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-47-3	**Chromium**	**24.0**		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-48-4	**Cobalt**	**17.5**		mg/kg dry	0.442	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-50-8	**Copper**	**42.3**		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7439-89-6	**Iron**	**37000**		mg/kg dry	27.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7439-92-1	**Lead**	**23.9**		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7439-95-4	**Magnesium**	**9740**		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7439-96-5	**Manganese**	**689**		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW
7440-02-0	**Nickel**	**35.0**		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:48	CW

Sample Information

Client Sample ID: SB-5D

York Sample ID: 22L1392-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:59 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3090**		mg/kg dry	5.54	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**144**		mg/kg dry	55.4	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.96**		mg/kg dry	2.77	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.6**		mg/kg dry	1.10	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**91.9**		mg/kg dry	2.76	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0399	1	EPA 7473	01/03/2023 09:44	01/03/2023 14:09	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.664	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.3**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-6A** **York Sample ID:** **22L1392-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.081	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 16:29	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 16:29	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
67-64-1	Acetone	ND	CCVE	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 16:29	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 16:29	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 16:29	FTR

Sample Information

Client Sample ID: SB-6A **York Sample ID:** 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.032	0.065	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0020	0.0081	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR

Sample Information

Client Sample ID: SB-6A **York Sample ID:** 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.032	0.065	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 16:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.8 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 14:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 14:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 14:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.125**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.123**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.321**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.373**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.265**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.220**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.257**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 14:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.114**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
218-01-9	**Chrysene**	**0.325**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0483**	J	mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
206-44-0	**Fluoranthene**	**0.573**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.226**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:31	KH

Sample Information

Client Sample ID: SB-6A **York Sample ID:** 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:31	KH
85-01-8	**Phenanthrene**	**0.276**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:31	KH
129-00-0	**Pyrene**	**0.568**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 14:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*39.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*37.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 15:41	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.442	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.442	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.442	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.442	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.442	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.884	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.11	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.53	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.53	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.21	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.21	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ
4151-50-2	* **N-EtFOSA**	**0.412**		ug/kg dry	0.221	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:14	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*109 %*	*25-150*
Surrogate: M5PFHxA	*118 %*	*25-150*
Surrogate: M4PFHpA	*113 %*	*25-150*
Surrogate: M3PFHxS	*130 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*110 %*	*25-150*
Surrogate: M6PFDA	*111 %*	*25-150*
Surrogate: M7PFUdA	*95.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.5 %*	*25-150*
Surrogate: M2PFTeDA	*58.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*117 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*126 %*	*25-150*

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*120 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.12 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*93.6 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*89.8 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*88.8 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*104 %*		*25-200*						
	Surrogate: M9PFNA	*124 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*93.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*6.31 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*40.6 %*		*25-150*						
	Surrogate: M3HFPO-DA	*110 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*5.29 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*6.34 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/05/2023 21:58	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854	01/05/2023 21:58	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/05/2023 21:58	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 21:58	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B Certifications:	12/30/2022 08:04	01/05/2023 21:58	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/03/2023 23:24	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/03/2023 23:24	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/03/2023 23:24	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/03/2023 23:24	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/03/2023 23:24	BJ
11097-69-1	**Aroclor 1254**	**0.0294**		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/03/2023 23:24	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/03/2023 23:24	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP,PADEP	01/03/2023 23:24	BJ

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0184	1	EPA 8082A	12/30/2022 08:04	01/03/2023 23:24	BJ
							Certifications: NELAC-NY10854,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0294**		mg/kg dry	0.0184	1	EPA 8082A	12/30/2022 08:04	01/03/2023 23:24	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16600**		mg/kg dry	4.68	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**4.22**		mg/kg dry	2.34	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**4.65**		mg/kg dry	1.40	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**44.7**		mg/kg dry	2.34	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.637**		mg/kg dry	0.047	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**24200**	B	mg/kg dry	4.68	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**24.3**		mg/kg dry	0.468	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**14.2**		mg/kg dry	0.374	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**47.7**		mg/kg dry	1.87	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**29900**		mg/kg dry	23.4	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**32.1**		mg/kg dry	0.468	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**21200**		mg/kg dry	4.68	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**793**		mg/kg dry	0.468	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**31.7**		mg/kg dry	0.932	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-6A **York Sample ID:** 22L1392-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:25 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1210**		mg/kg dry	4.68	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**67.3**		mg/kg dry	46.8	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.37**		mg/kg dry	2.34	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.4**		mg/kg dry	0.932	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**93.5**		mg/kg dry	2.33	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0659**		mg/kg dry	0.0337	1	EPA 7473	01/03/2023 09:44	01/03/2023 14:19	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.562	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.0**		%	0.100	1	SM 2540G	12/30/2022 11:56	12/30/2022 15:07	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-6B** **York Sample ID:** **22L1392-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**0.0043**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **SB-6B** **York Sample ID:** **22L1392-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	**2-Butanone**	**0.0060**	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**0.019**	CCVE, ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-6B **York Sample ID:** 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 12:38	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.2 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 15:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 15:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 15:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.213	0.425	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.213	0.425	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: **SB-6B** **York Sample ID:** **22L1392-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.106**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
206-44-0	**Fluoranthene**	**0.0543**	J	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:01	KH

Sample Information

Client Sample ID: SB-6B **York Sample ID:** 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:01	KH
85-01-8	**Phenanthrene**	**0.0696**	J	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:01	KH
129-00-0	**Pyrene**	**0.0951**	J	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:01	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*67.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 15:59	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.509	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.509	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.509	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.509	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.509	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.27	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.36	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.36	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.54	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.54	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.254	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:30	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*80.0 %*	*25-150*
Surrogate: M5PFHxA	*95.9 %*	*25-150*
Surrogate: M4PFHpA	*89.2 %*	*25-150*
Surrogate: M3PFHxS	*93.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*79.1 %*	*25-150*
Surrogate: M6PFDA	*84.2 %*	*25-150*
Surrogate: M7PFUdA	*76.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*65.8 %*	*25-150*
Surrogate: M2PFTeDA	*53.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*94.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*103 %*	*25-150*

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*95.6 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*13.5 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*71.5 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*70.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*64.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*63.3 %*		*25-200*						
	Surrogate: M9PFNA	*94.1 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*67.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*12.1 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*42.8 %*		*25-150*						
	Surrogate: M3HFPO-DA	*88.2 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*15.3 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*14.5 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.0101**		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00218**		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.0232**		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.0116**		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00207	5	EPA 8081B	12/30/2022 08:04	01/05/2023 22:52	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		

Sample Information

Client Sample ID: **SB-6B** **York Sample ID:** **22L1392-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
5566-34-7	**gamma-Chlordane**	**0.0115**		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/05/2023 22:52	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.207	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 22:52	BJ
12789-03-6	*** Chlordane, total**	**0.0880**		mg/kg dry	0.0415	5	EPA 8081B Certifications:	12/30/2022 08:04	01/05/2023 22:52	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:05	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:05	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:05	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:05	BJ
12672-29-6	**Aroclor 1248**	**0.0590**	PCB-I	mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:05	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:05	BJ
11096-82-5	**Aroclor 1260**	**0.0360**		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:05	BJ

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 00:05	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 00:05	BJ
1336-36-3	*** Total PCBs**	**0.0950**		mg/kg dry	0.0209	1	EPA 8082A Certifications:	12/30/2022 08:04	01/04/2023 00:05	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**22900**		mg/kg dry	5.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-36-0	**Antimony**	**8.40**		mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-38-2	**Arsenic**	**5.25**		mg/kg dry	1.61	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-39-3	**Barium**	**206**		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-41-7	**Beryllium**	**1.24**		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-70-2	**Calcium**	**15200**	B	mg/kg dry	5.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-47-3	**Chromium**	**26.3**		mg/kg dry	0.538	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-48-4	**Cobalt**	**19.4**		mg/kg dry	0.430	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7440-50-8	**Copper**	**43.3**		mg/kg dry	2.15	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7439-89-6	**Iron**	**47200**		mg/kg dry	26.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7439-92-1	**Lead**	**28.7**		mg/kg dry	0.538	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7439-95-4	**Magnesium**	**9190**		mg/kg dry	5.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW
7439-96-5	**Manganese**	**1150**		mg/kg dry	0.538	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:53	CW

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22L1392-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:42 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**36.7**		mg/kg dry	1.07	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3080**		mg/kg dry	5.38	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**353**		mg/kg dry	53.8	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**3.94**		mg/kg dry	2.69	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**31.0**		mg/kg dry	1.07	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**104**		mg/kg dry	2.68	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0455**		mg/kg dry	0.0387	1	EPA 7473	01/03/2023 09:44	01/03/2023 14:28	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.645	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.5**		%	0.100	1	SM 2540G	01/03/2023 07:29	01/03/2023 14:07	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.069	0.14	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.014	0.028	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	**Chlorobenzene**	**0.0080**		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0035	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:05	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:05	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723	12/30/2022 13:05	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:05	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:05	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 13:05	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-6C **York Sample ID:** 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 15:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 15:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 15:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.234	0.468	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.234	0.468	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 15:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.117	0.233	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 15:31	KH

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0585	0.117	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 15:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*60.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 16:16	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.567	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.567	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.567	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.567	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.567	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.42	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	7.09	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	7.09	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.83	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.83	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.283	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 00:47	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*74.9 %*	*25-150*
Surrogate: M5PFHxA	*77.4 %*	*25-150*
Surrogate: M4PFHpA	*69.7 %*	*25-150*
Surrogate: M3PFHxS	*76.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*64.2 %*	*25-150*
Surrogate: M6PFDA	*71.0 %*	*25-150*
Surrogate: M7PFUdA	*63.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*52.7 %*	*25-150*
Surrogate: M2PFTeDA	*41.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*92.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*70.5 %*	*25-150*

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*87.4 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*11.5 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*46.2 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*48.1 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*48.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*52.1 %*		*25-200*						
	Surrogate: M9PFNA	*79.0 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*57.8 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*8.41 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*38.8 %*		*25-150*						
	Surrogate: M3HFPO-DA	*72.2 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*10.5 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*10.3 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 21:16	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854	01/03/2023 21:16	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 21:16	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.233	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:16	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0467	5	EPA 8081B Certifications:	12/30/2022 08:04	01/03/2023 21:16	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:19	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:19	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:19	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:19	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:19	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:19	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:19	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP,PADEP	01/04/2023 00:19	BJ

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 00:19	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0236	1	EPA 8082A Certifications:	12/30/2022 08:04	01/04/2023 00:19	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**27700**		mg/kg dry	6.01	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-36-0	**Antimony**	**6.14**		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-38-2	**Arsenic**	**6.87**		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-39-3	**Barium**	**221**		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-41-7	**Beryllium**	**1.57**		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.361	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-70-2	**Calcium**	**25400**	B	mg/kg dry	6.01	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-47-3	**Chromium**	**29.0**		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-48-4	**Cobalt**	**20.7**		mg/kg dry	0.480	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-50-8	**Copper**	**45.0**		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7439-89-6	**Iron**	**43100**		mg/kg dry	30.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7439-92-1	**Lead**	**31.0**		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7439-95-4	**Magnesium**	**10800**		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7439-96-5	**Manganese**	**775**		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW
7440-02-0	**Nickel**	**43.3**		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:55	CW

Sample Information

Client Sample ID: SB-6C

York Sample ID: 22L1392-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 4:59 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**4590**		mg/kg dry	6.02	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:55	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:55	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.606	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:55	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**317**		mg/kg dry	60.1	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:55	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:55	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**36.0**		mg/kg dry	1.20	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:55	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**131**		mg/kg dry	2.99	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:55	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0441**		mg/kg dry	0.0433	1	EPA 7473	01/03/2023 09:44	01/03/2023 15:19	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.721	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.3**		%	0.100	1	SM 2540G	01/03/2023 07:29	01/03/2023 14:07	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 13:32	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:32	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
67-64-1	**Acetone**	**0.012**	CCVE, ICVE	mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/30/2022 13:32	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:32	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 13:32	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 13:32	FTR

Sample Information

Client Sample ID: SB-7A **York Sample ID:** 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.035	0.071	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0022	0.0088	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.035	0.071	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 13:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 16:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 16:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 16:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.192**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.216**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.451**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.411**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.268**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.218**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.298**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
218-01-9	**Chrysene**	**0.472**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0498**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
206-44-0	**Fluoranthene**	**0.851**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
86-73-7	**Fluorene**	**0.112**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.218**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:01	KH

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 16:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 16:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 16:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 16:01	KH
85-01-8	**Phenanthrene**	**0.905**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 16:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 16:01	KH
129-00-0	**Pyrene**	**1.01**		mg/kg dry	0.0440	0.0878	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 16:01	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*56.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 16:33	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*50.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ

Sample Information

Client Sample ID: SB-7A **York Sample ID:** 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.423	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.423	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.423	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.423	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.423	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.847	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.06	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.29	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.29	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:14	01/11/2023 01:03	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*87.8 %*	*25-150*
Surrogate: M5PFHxA	*98.2 %*	*25-150*
Surrogate: M4PFHpA	*93.8 %*	*25-150*
Surrogate: M3PFHxS	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*84.1 %*	*25-150*
Surrogate: M6PFDA	*90.2 %*	*25-150*
Surrogate: M7PFUdA	*77.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*70.6 %*	*25-150*
Surrogate: M2PFTeDA	*50.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*97.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*107 %*	*25-150*

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*101 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.34 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*79.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*68.0 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*75.1 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*86.9 %*		*25-200*						
	Surrogate: M9PFNA	*98.4 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*73.2 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*4.50 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*36.6 %*		*25-150*						
	Surrogate: M3HFPO-DA	*88.1 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*5.91 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*5.75 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 21:34	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854	01/03/2023 21:34	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ

Sample Information

Client Sample ID: SB-7A **York Sample ID:** 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 21:34	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:34	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B Certifications:	12/30/2022 08:04	01/03/2023 21:34	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*111 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:32	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:32	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:32	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:32	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:32	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:32	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:32	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP,PADEP	01/04/2023 00:32	BJ

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 00:32	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	12/30/2022 08:04	01/04/2023 00:32	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17300**		mg/kg dry	4.44	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-36-0	**Antimony**	**4.74**		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-38-2	**Arsenic**	**4.27**		mg/kg dry	1.33	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-39-3	**Barium**	**44.4**		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-41-7	**Beryllium**	**0.751**		mg/kg dry	0.045	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-70-2	**Calcium**	**23600**	B	mg/kg dry	4.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-47-3	**Chromium**	**18.3**		mg/kg dry	0.445	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-48-4	**Cobalt**	**17.7**		mg/kg dry	0.355	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-50-8	**Copper**	**45.0**		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7439-89-6	**Iron**	**33600**		mg/kg dry	22.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7439-92-1	**Lead**	**26.8**		mg/kg dry	0.445	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7439-95-4	**Magnesium**	**16000**		mg/kg dry	4.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7439-96-5	**Manganese**	**745**		mg/kg dry	0.445	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW
7440-02-0	**Nickel**	**32.1**		mg/kg dry	0.886	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 12:58	CW

Sample Information

Client Sample ID: SB-7A **York Sample ID:** 22L1392-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:14 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1300**		mg/kg dry	4.45	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**137**		mg/kg dry	44.5	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.22	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**16.8**		mg/kg dry	0.886	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**84.5**		mg/kg dry	2.21	1	EPA 6010D	01/04/2023 14:42	01/06/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0583**		mg/kg dry	0.0320	1	EPA 7473	01/03/2023 09:44	01/03/2023 15:26	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	12/30/2022 14:33	12/30/2022 18:12	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	01/03/2023 07:29	01/03/2023 14:07	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-7B** **York Sample ID:** **22L1392-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	**1,2,4-Trimethylbenzene**	**0.057**		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	**1,3,5-Trimethylbenzene**	**0.017**		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	**1,4-Dichlorobenzene**	**0.016**		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0093**	CCVE	mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.014	0.028	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.036**	CCVE, ICVE	mg/kg dry	0.0071	0.014	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	**cis-1,2-Dichloroethylene**	**0.0040**	J	mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.057	0.11	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40	FTR
100-41-4	**Ethyl Benzene**	**0.0043**	J	mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.0089**	J	mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0035	0.014	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	**o-Xylene**	**0.0087**		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	**p- & m- Xylenes**	**0.022**		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	*** p-Diethylbenzene**	**0.0093**		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/03/2023 09:00	01/03/2023 12:40	FTR

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	*** p-Ethyltoluene**	**0.0053**	J	mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:			
99-87-6	**p-Isopropyltoluene**	**0.10**		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:			
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:			
108-88-3	**Toluene**	**0.0089**		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**0.031**		mg/kg dry	0.011	0.021	1	EPA 8260C	01/03/2023 09:00	01/03/2023 12:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*88.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Sample Information

Client Sample ID: **SB-7B** **York Sample ID:** **22L1392-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.283**		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 16:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 16:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 16:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.231	0.461	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.231	0.461	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.127**		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.115	0.230	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	**Di-n-octyl phthalate**	**0.0847**	J	mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 16:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7B **York Sample ID:** 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0577	0.115	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 16:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*62.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications:	01/03/2023 08:19 NELAC-NY10854	01/04/2023 16:50	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.563	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.563	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.563	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.563	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.563	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.41	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	7.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	7.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.82	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
31506-32-8	* **N-MeFOSA**	**0.522**	B	ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.82	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.282	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 19:44	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*90.0 %*	*25-150*
Surrogate: M5PFHxA	*93.5 %*	*25-150*
Surrogate: M4PFHpA	*87.4 %*	*25-150*
Surrogate: M3PFHxS	*98.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*84.1 %*	*25-150*
Surrogate: M6PFDA	*94.2 %*	*25-150*
Surrogate: M7PFUdA	*88.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*73.0 %*	*25-150*
Surrogate: M2PFTeDA	*36.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*91.5 %*	*25-150*

Sample Information

Client Sample ID: SB-7B **York Sample ID:** 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*101 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*94.8 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.65 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*76.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*76.7 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*75.7 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*75.2 %*		*25-200*						
	Surrogate: M9PFNA	*92.7 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*74.7 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*3.98 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*35.5 %*		*25-150*						
	Surrogate: M3HFPO-DA	*86.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*2.67 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*2.47 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.0136**		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00704**		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.0202**		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**0.00521**		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00229	5	EPA 8081B	12/30/2022 08:04	01/05/2023 23:10	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
5566-34-7	**gamma-Chlordane**	**0.0193**		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/05/2023 23:10	BJ
76-44-8	**Heptachlor**	**0.00679**		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.229	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/05/2023 23:10	BJ
12789-03-6	*** Chlordane, total**	**0.165**		mg/kg dry	0.0459	5	EPA 8081B Certifications:	12/30/2022 08:04	01/05/2023 23:10	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:46	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:46	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:46	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:46	BJ
12672-29-6	**Aroclor 1248**	**0.198**	PCB-I	mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:46	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:46	BJ
11096-82-5	**Aroclor 1260**	**0.0634**		mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:46	BJ

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 00:46	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 00:46	BJ
1336-36-3	*** Total PCBs**	**0.261**		mg/kg dry	0.0232	1	EPA 8082A Certifications:	12/30/2022 08:04	01/04/2023 00:46	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**26300**		mg/kg dry	5.89	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-36-0	**Antimony**	**7.37**		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-38-2	**Arsenic**	**6.81**		mg/kg dry	1.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-39-3	**Barium**	**214**		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-41-7	**Beryllium**	**1.40**		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.353	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-70-2	**Calcium**	**24800**	B	mg/kg dry	5.89	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-47-3	**Chromium**	**32.4**		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-48-4	**Cobalt**	**20.8**		mg/kg dry	0.471	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7440-50-8	**Copper**	**49.2**		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7439-89-6	**Iron**	**44100**		mg/kg dry	29.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7439-92-1	**Lead**	**38.0**		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7439-95-4	**Magnesium**	**12100**		mg/kg dry	5.89	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW
7439-96-5	**Manganese**	**1040**		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:00	CW

Sample Information

Client Sample ID: SB-7B **York Sample ID:** 22L1392-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:38 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**44.0**		mg/kg dry	1.17	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3980**		mg/kg dry	5.89	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.94	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.594	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**237**		mg/kg dry	58.9	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**3.11**		mg/kg dry	2.94	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**36.3**		mg/kg dry	1.17	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**126**		mg/kg dry	2.93	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0613**		mg/kg dry	0.0424	1	EPA 7473	01/03/2023 09:44	01/03/2023 15:35	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**2.82**		mg/kg dry	0.707	1	EPA 9014/9010C	01/03/2023 14:22	01/03/2023 20:28	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**70.7**		%	0.100	1	SM 2540G	01/03/2023 07:29	01/03/2023 14:07	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB-7C **York Sample ID:** 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/30/2022 14:27	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.023	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:27	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
67-64-1	Acetone	ND	CCVE, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:27	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/30/2022 14:27	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
108-90-7	**Chlorobenzene**	**0.0031**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/30/2022 14:27	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/30/2022 14:27	FTR

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.047	0.093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.047	0.093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.203	0.407	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.407	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:01	KH

Sample Information

Client Sample ID: SB-7C **York Sample ID:** 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:01	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:01	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:01	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*67.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 17:07	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ

Sample Information

Client Sample ID: SB-7C **York Sample ID:** 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.490	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.490	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.490	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.490	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.490	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.979	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.22	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.12	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.45	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.45	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.245	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:00	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*76.8 %*	*25-150*
Surrogate: M5PFHxA	*91.0 %*	*25-150*
Surrogate: M4PFHpA	*91.3 %*	*25-150*
Surrogate: M3PFHxS	*79.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*76.1 %*	*25-150*
Surrogate: M6PFDA	*87.6 %*	*25-150*
Surrogate: M7PFUdA	*71.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.6 %*	*25-150*
Surrogate: M2PFTeDA	*50.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*89.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*78.6 %*	*25-150*

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*94.4 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*13.3 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*66.9 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*70.8 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*53.5 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*58.8 %*		*25-200*						
	Surrogate: M9PFNA	*82.4 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*62.2 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*10.1 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*53.0 %*		*25-150*						
	Surrogate: M3HFPO-DA	*85.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*13.0 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*13.6 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 21:52	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854	01/03/2023 21:52	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 21:52	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.200	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 21:52	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0401	5	EPA 8081B Certifications:	12/30/2022 08:04	01/03/2023 21:52	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:59	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:59	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:59	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:59	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:59	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:59	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 00:59	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP,PADEP	01/04/2023 00:59	BJ

Sample Information

Client Sample ID: SB-7C

York Sample ID: 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 00:59	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	12/30/2022 08:04	01/04/2023 00:59	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**22100**		mg/kg dry	5.11	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-36-0	**Antimony**	**6.11**		mg/kg dry	2.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-38-2	**Arsenic**	**5.38**		mg/kg dry	1.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-39-3	**Barium**	**241**		mg/kg dry	2.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-41-7	**Beryllium**	**1.24**		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.307	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-70-2	**Calcium**	**16600**	B	mg/kg dry	5.11	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-47-3	**Chromium**	**26.3**		mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-48-4	**Cobalt**	**17.7**		mg/kg dry	0.408	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-50-8	**Copper**	**36.2**		mg/kg dry	2.04	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7439-89-6	**Iron**	**34700**		mg/kg dry	25.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7439-92-1	**Lead**	**23.6**		mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7439-95-4	**Magnesium**	**11200**		mg/kg dry	5.11	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7439-96-5	**Manganese**	**805**		mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW
7440-02-0	**Nickel**	**36.3**		mg/kg dry	1.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:09	CW

Sample Information

Client Sample ID: SB-7C **York Sample ID:** 22L1392-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 2:59 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3840**		mg/kg dry	5.11	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**199**		mg/kg dry	51.1	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.55	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.8**		mg/kg dry	1.02	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**83.4**		mg/kg dry	2.54	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0368	1	EPA 7473	01/03/2023 09:44	01/03/2023 15:44	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.613	1	EPA 9014/9010C	01/03/2023 14:22	01/03/2023 20:28	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.5**		%	0.100	1	SM 2540G	01/03/2023 07:29	01/03/2023 14:07	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-7C Dup** **York Sample ID:** **22L1392-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.013	0.025	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND	CCVE, ICVE	mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	**Chlorobenzene**	**0.0034**	J	mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0032	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260C Certifications:	12/30/2022 09:00	12/30/2022 14:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 17:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 17:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,PADEP	01/04/2023 17:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.210	0.420	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.210	0.420	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21	01/04/2023 17:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.105	0.209	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications:	01/03/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 17:31	KH

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0525	0.105	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 08:21	01/04/2023 17:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*57.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/03/2023 08:19	01/04/2023 17:24	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.507	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.507	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.507	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.507	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.507	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.27	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.34	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.34	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.53	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.53	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.253	1	EPA 1633 Draft 2 Certifications:	01/05/2023 13:18	01/11/2023 20:16	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*69.8 %*	*25-150*
Surrogate: M5PFHxA	*69.6 %*	*25-150*
Surrogate: M4PFHpA	*69.1 %*	*25-150*
Surrogate: M3PFHxS	*75.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*56.2 %*	*25-150*
Surrogate: M6PFDA	*68.8 %*	*25-150*
Surrogate: M7PFUdA	*55.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*52.5 %*	*25-150*
Surrogate: M2PFTeDA	*39.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*83.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*72.3 %*	*25-150*

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*79.0 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.64 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*53.4 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*54.1 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*50.8 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*59.3 %*		*25-200*						
	Surrogate: M9PFNA	*64.7 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*55.8 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*7.29 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*37.2 %*		*25-150*						
	Surrogate: M3HFPO-DA	*69.0 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*7.04 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*6.88 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 22:10	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854	01/03/2023 22:10	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP	01/03/2023 22:10	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.204	5	EPA 8081B Certifications:	12/30/2022 08:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/03/2023 22:10	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0408	5	EPA 8081B Certifications:	12/30/2022 08:04	01/03/2023 22:10	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 01:13	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 01:13	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 01:13	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 01:13	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 01:13	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 01:13	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/04/2023 01:13	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04 NELAC-NY10854,NJDEP,PADEP	01/04/2023 01:13	BJ

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	12/30/2022 08:04	01/04/2023 01:13	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	12/30/2022 08:04	01/04/2023 01:13	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**25200**		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-36-0	**Antimony**	**7.15**		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-38-2	**Arsenic**	**7.86**		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-39-3	**Barium**	**298**		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-41-7	**Beryllium**	**1.41**		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-70-2	**Calcium**	**16100**	B	mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-47-3	**Chromium**	**30.5**		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-48-4	**Cobalt**	**22.9**		mg/kg dry	0.423	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-50-8	**Copper**	**46.8**		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7439-89-6	**Iron**	**42000**		mg/kg dry	26.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7439-92-1	**Lead**	**31.8**		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7439-95-4	**Magnesium**	**13100**		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7439-96-5	**Manganese**	**1230**		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW
7440-02-0	**Nickel**	**50.1**		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/04/2023 14:42	01/06/2023 13:12	CW

Sample Information

Client Sample ID: SB-7C Dup

York Sample ID: 22L1392-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Soil	December 28, 2022 3:01 pm	12/29/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3900**		mg/kg dry	5.29	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:12	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:12	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:12	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**221**		mg/kg dry	52.9	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:12	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**3.24**		mg/kg dry	2.64	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:12	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.6**		mg/kg dry	1.05	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:12	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**113**		mg/kg dry	2.63	1	EPA 6010D	01/04/2023 14:42	01/06/2023 13:12	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0381	1	EPA 7473	01/03/2023 09:44	01/03/2023 15:54	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.635	1	EPA 9014/9010C	01/03/2023 14:22	01/03/2023 20:28	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.8**		%	0.100	1	SM 2540G	01/03/2023 07:29	01/03/2023 14:07	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Rinsate** **York Sample ID:** **22L1392-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:30 pm	12/29/2022

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: **Rinsate** **York Sample ID:** **22L1392-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:30 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/04/2023 12:51	PD
78-93-3	**2-Butanone**	**3.03**		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/04/2023 12:51	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
67-64-1	**Acetone**	**15.9**		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/04/2023 12:51	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/04/2023 12:51	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/04/2023 12:51	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
75-15-0	**Carbon disulfide**	**0.730**		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/04/2023 12:51	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
67-66-3	**Chloroform**	**10.0**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/04/2023 12:51	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/04/2023 12:51	PD

Sample Information

Client Sample ID: **Rinsate** **York Sample ID:** **22L1392-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:30 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-88-4	* Iodomethane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: **Rinsate** **York Sample ID:** **22L1392-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:30 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD
108-88-3	**Toluene**	**0.360**		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/04/2023 09:00	01/04/2023 12:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.4 %*	*79-122*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **22L1392-25**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:35 pm	12/29/2022

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.50	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.50	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **22L1392-25**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:35 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.50	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.50	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.50	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
919005-14-4	* ADONA	ND		ng/L	7.01	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.38	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	21.9	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	21.9	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	17.5	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.75	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	17.5	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.175	1	EPA 1633 Draft 2 Certifications:	01/05/2023 09:41	01/09/2023 16:16	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*122 %*	*25-150*
Surrogate: M5PFHxA	*118 %*	*25-150*
Surrogate: M4PFHpA	*113 %*	*25-150*
Surrogate: M3PFHxS	*133 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*112 %*	*25-150*
Surrogate: M6PFDA	*109 %*	*25-150*
Surrogate: M7PFUdA	*96.5 %*	*25-150*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **22L1392-25**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:35 pm	12/29/2022

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*75.9 %*		*25-150*						
	Surrogate: M2PFTeDA	*33.0 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.82 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*122 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*109 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*127 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*90.9 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*85.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*91.8 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*91.9 %*		*25-200*						
	Surrogate: M9PFNA	*130 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*76.0 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*90.7 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*98.7 %*		*25-150*						
	Surrogate: M3HFPO-DA	*101 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*30.1 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*42.6 %*		*25-150*						

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22L1392-26**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:42 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	01/03/2023 08:00	01/03/2023 12:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/03/2023 08:00	01/03/2023 12:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/03/2023 08:00	01/03/2023 12:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22L1392-26**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:42 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22L1392-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:42 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-64-1	Acetone	ND	CCVE, ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22L1392-26**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:42 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.551	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-88-4	* Iodomethane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22L1392-26**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1392	C314132 Willow Brook Rentals LLC	Water	December 28, 2022 5:42 pm	12/29/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/03/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/03/2023 12:30	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/03/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/03/2023 12:30	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00	01/03/2023 12:30	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/03/2023 12:30	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/03/2023 12:30	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/03/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/03/2023 12:30	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Analytical Batch Summary

Batch ID: BA30003 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-18	SB-6B	01/03/23
22L1392-19	SB-6C	01/03/23
22L1392-20	SB-7A	01/03/23
22L1392-21	SB-7B	01/03/23
22L1392-22	SB-7C	01/03/23
22L1392-23	SB-7C Dup	01/03/23
BA30003-DUP1	Duplicate	01/03/23

Batch ID: BA30013 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-08	SB-3B	01/03/23
22L1392-09	SB-3C	01/03/23
22L1392-10	SB-4A	01/03/23
22L1392-11	SB-4B	01/03/23
22L1392-12	SB-4C	01/03/23
22L1392-13	SB-5A	01/03/23
22L1392-14	SB-5B	01/03/23
22L1392-15	SB-5C	01/03/23
22L1392-16	SB-5D	01/03/23
22L1392-17	SB-6A	01/03/23
22L1392-18	SB-6B	01/03/23
22L1392-19	SB-6C	01/03/23
22L1392-20	SB-7A	01/03/23
22L1392-21	SB-7B	01/03/23
22L1392-22	SB-7C	01/03/23
22L1392-23	SB-7C Dup	01/03/23
BA30013-BLK1	Blank	01/03/23
BA30013-BS1	LCS	01/03/23
BA30013-MS1	Matrix Spike	01/03/23
BA30013-MSD1	Matrix Spike Dup	01/03/23

Batch ID: BA30014 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-10	SB-4A	01/03/23
22L1392-11	SB-4B	01/03/23
22L1392-12	SB-4C	01/03/23
22L1392-13	SB-5A	01/03/23
22L1392-14	SB-5B	01/03/23
22L1392-15	SB-5C	01/03/23
22L1392-16	SB-5D	01/03/23
22L1392-17	SB-6A	01/03/23
22L1392-18	SB-6B	01/03/23
22L1392-19	SB-6C	01/03/23

22L1392-20	SB-7A	01/03/23
22L1392-21	SB-7B	01/03/23
22L1392-22	SB-7C	01/03/23
22L1392-23	SB-7C Dup	01/03/23
BA30014-BLK1	Blank	01/03/23
BA30014-BS1	LCS	01/03/23
BA30014-MS1	Matrix Spike	01/03/23
BA30014-MSD1	Matrix Spike Dup	01/03/23

Batch ID: BA30018 **Preparation Method:** EPA 3546 SVOA **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	01/03/23
22L1392-02	SB-1B	01/03/23
22L1392-03	SB-1C	01/03/23
22L1392-04	SB-2A	01/03/23
22L1392-04RE1	SB-2A	01/03/23
22L1392-05	SB-2B	01/03/23
22L1392-06	SB-2C	01/03/23
22L1392-07	SB-3A	01/03/23
22L1392-08	SB-3B	01/03/23
22L1392-09	SB-3C	01/03/23
BA30018-BLK1	Blank	01/03/23
BA30018-BS1	LCS	01/03/23
BA30018-MS1	Matrix Spike	01/03/23
BA30018-MSD1	Matrix Spike Dup	01/03/23

Batch ID: BA30021 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-03	SB-1C	01/03/23
BA30021-BLK1	Blank	01/03/23
BA30021-BLK2	Blank	01/03/23
BA30021-BS1	LCS	01/03/23
BA30021-BSD1	LCS Dup	01/03/23
BA30021-MS1	Matrix Spike	01/03/23
BA30021-MSD1	Matrix Spike Dup	01/03/23

Batch ID: BA30022 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-21	SB-7B	01/03/23
BA30022-BLK1	Blank	01/03/23
BA30022-BLK2	Blank	01/03/23
BA30022-BS1	LCS	01/03/23
BA30022-BSD1	LCS Dup	01/03/23

Batch ID: BA30025 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	01/03/23
22L1392-02	SB-1B	01/03/23
22L1392-03	SB-1C	01/03/23
22L1392-04	SB-2A	01/03/23
22L1392-05	SB-2B	01/03/23
22L1392-06	SB-2C	01/03/23
22L1392-07	SB-3A	01/03/23
22L1392-08	SB-3B	01/03/23
BA30025-BLK1	Blank	01/03/23
BA30025-DUP1	Duplicate	01/03/23
BA30025-MS1	Matrix Spike	01/03/23
BA30025-SRM1	Reference	01/03/23

Batch ID: BA30026 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-09	SB-3C	01/03/23
22L1392-10	SB-4A	01/03/23
22L1392-11	SB-4B	01/03/23
22L1392-12	SB-4C	01/03/23
22L1392-13	SB-5A	01/03/23
22L1392-14	SB-5B	01/03/23
22L1392-15	SB-5C	01/03/23
22L1392-16	SB-5D	01/03/23
22L1392-17	SB-6A	01/03/23
22L1392-18	SB-6B	01/03/23
22L1392-19	SB-6C	01/03/23
22L1392-20	SB-7A	01/03/23
22L1392-21	SB-7B	01/03/23
22L1392-22	SB-7C	01/03/23
22L1392-23	SB-7C Dup	01/03/23
BA30026-BLK1	Blank	01/03/23
BA30026-DUP1	Duplicate	01/03/23
BA30026-MS1	Matrix Spike	01/03/23
BA30026-SRM1	Reference	01/03/23

Batch ID: BA30029 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-26	Trip Blank	01/03/23
BA30029-BLK1	Blank	01/03/23
BA30029-BS1	LCS	01/03/23
BA30029-BSD1	LCS Dup	01/03/23

Batch ID: BA30055 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-21	SB-7B	01/03/23
22L1392-22	SB-7C	01/03/23

22L1392-23	SB-7C Dup	01/03/23
BA30055-BLK1	Blank	01/03/23
BA30055-DUP1	Duplicate	01/03/23
BA30055-MS1	Matrix Spike	01/03/23
BA30055-SRM1	Reference	01/03/23

Batch ID: BA30090 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	01/04/23
22L1392-02	SB-1B	01/04/23
22L1392-03	SB-1C	01/04/23
22L1392-04	SB-2A	01/04/23
22L1392-05	SB-2B	01/04/23
22L1392-06	SB-2C	01/04/23
22L1392-07	SB-3A	01/04/23
BA30090-BLK1	Blank	01/04/23
BA30090-BS1	LCS	01/04/23
BA30090-MS1	Matrix Spike	01/04/23
BA30090-MSD1	Matrix Spike Dup	01/04/23

Batch ID: BA30106 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-24	Rinsate	01/04/23
BA30106-BLK1	Blank	01/04/23
BA30106-BS1	LCS	01/04/23
BA30106-BSD1	LCS Dup	01/04/23

Batch ID: BA30116 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	01/04/23
22L1392-02	SB-1B	01/04/23
22L1392-03	SB-1C	01/04/23
22L1392-04	SB-2A	01/04/23
22L1392-05	SB-2B	01/04/23
22L1392-06	SB-2C	01/04/23
22L1392-07	SB-3A	01/04/23
22L1392-08	SB-3B	01/04/23
22L1392-09	SB-3C	01/04/23
22L1392-10	SB-4A	01/04/23
22L1392-11	SB-4B	01/04/23
22L1392-12	SB-4C	01/04/23
22L1392-13	SB-5A	01/04/23
BA30116-BLK1	Blank	01/04/23
BA30116-DUP1	Duplicate	01/04/23
BA30116-MS1	Matrix Spike	01/04/23
BA30116-PS1	Post Spike	01/04/23
BA30116-SRM1	Reference	01/04/23

Batch ID: BA30122 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-14	SB-5B	01/04/23
22L1392-15	SB-5C	01/04/23
22L1392-16	SB-5D	01/04/23
22L1392-17	SB-6A	01/04/23
22L1392-18	SB-6B	01/04/23
22L1392-19	SB-6C	01/04/23
22L1392-20	SB-7A	01/04/23
22L1392-21	SB-7B	01/04/23
22L1392-22	SB-7C	01/04/23
22L1392-23	SB-7C Dup	01/04/23
BA30122-BLK1	Blank	01/04/23
BA30122-DUP1	Duplicate	01/04/23
BA30122-MS1	Matrix Spike	01/04/23
BA30122-PS1	Post Spike	01/04/23
BA30122-SRM1	Reference	01/04/23

Batch ID: BA30171 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-25	Field Blank	01/05/23
BA30171-BLK1	Blank	01/05/23
BA30171-BS1	LCS	01/05/23
BA30171-BS2	LCS	01/05/23
BA30171-DUP1	Duplicate	01/05/23

Batch ID: BA30182 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	01/05/23
22L1392-02	SB-1B	01/05/23
22L1392-03	SB-1C	01/05/23
22L1392-04	SB-2A	01/05/23
22L1392-05	SB-2B	01/05/23
22L1392-06	SB-2C	01/05/23
22L1392-07	SB-3A	01/05/23
22L1392-08	SB-3B	01/05/23
22L1392-09	SB-3C	01/05/23
22L1392-10	SB-4A	01/05/23
22L1392-11	SB-4B	01/05/23
22L1392-12	SB-4C	01/05/23
22L1392-13	SB-5A	01/05/23
22L1392-14	SB-5B	01/05/23
22L1392-15	SB-5C	01/05/23
22L1392-16	SB-5D	01/05/23
22L1392-17	SB-6A	01/05/23
22L1392-18	SB-6B	01/05/23

22L1392-19	SB-6C	01/05/23
22L1392-20	SB-7A	01/05/23
BA30182-BLK1	Blank	01/05/23
BA30182-BS1	LCS	01/05/23
BA30182-BS2	LCS	01/05/23
BA30182-DUP1	Duplicate	01/05/23

Batch ID: BA30183 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-21	SB-7B	01/05/23
22L1392-22	SB-7C	01/05/23
22L1392-23	SB-7C Dup	01/05/23
BA30183-BLK1	Blank	01/05/23
BA30183-BS1	LCS	01/05/23
BA30183-BS2	LCS	01/05/23
BA30183-DUP1	Duplicate	01/05/23

Batch ID: BL21695 **Preparation Method:** % Solids Prep **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	12/29/22
BL21695-DUP1	Duplicate	12/29/22

Batch ID: BL21744 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-17	SB-6A	12/30/22
22L1392-17	SB-6A	12/30/22
22L1392-18	SB-6B	12/30/22
22L1392-18	SB-6B	12/30/22
22L1392-19	SB-6C	12/30/22
22L1392-19	SB-6C	12/30/22
22L1392-20	SB-7A	12/30/22
22L1392-20	SB-7A	12/30/22
22L1392-21	SB-7B	12/30/22
22L1392-21	SB-7B	12/30/22
22L1392-22	SB-7C	12/30/22
22L1392-22	SB-7C	12/30/22
22L1392-23	SB-7C Dup	12/30/22
22L1392-23	SB-7C Dup	12/30/22
BL21744-BLK1	Blank	12/30/22
BL21744-BLK2	Blank	12/30/22
BL21744-BS1	LCS	12/30/22
BL21744-BS2	LCS	12/30/22
BL21744-MS1	Matrix Spike	12/30/22
BL21744-MS2	Matrix Spike	12/30/22
BL21744-MSD1	Matrix Spike Dup	12/30/22
BL21744-MSD2	Matrix Spike Dup	12/30/22

Batch ID: BL21749 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	12/30/22
22L1392-02	SB-1B	12/30/22
22L1392-04	SB-2A	12/30/22
22L1392-05	SB-2B	12/30/22
22L1392-06	SB-2C	12/30/22
22L1392-07	SB-3A	12/30/22
BL21749-BLK1	Blank	12/30/22
BL21749-BLK2	Blank	12/30/22
BL21749-BS1	LCS	12/30/22
BL21749-BSD1	LCS Dup	12/30/22

Batch ID: BL21750 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-08	SB-3B	12/30/22
22L1392-09	SB-3C	12/30/22
22L1392-10	SB-4A	12/30/22
22L1392-11	SB-4B	12/30/22
22L1392-12	SB-4C	12/30/22
22L1392-13	SB-5A	12/30/22
22L1392-14	SB-5B	12/30/22
22L1392-15	SB-5C	12/30/22
22L1392-16	SB-5D	12/30/22
22L1392-17	SB-6A	12/30/22
BL21750-BLK1	Blank	12/30/22
BL21750-BLK2	Blank	12/30/22
BL21750-BS1	LCS	12/30/22
BL21750-BSD1	LCS Dup	12/30/22

Batch ID: BL21751 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-18	SB-6B	12/30/22
22L1392-19	SB-6C	12/30/22
22L1392-20	SB-7A	12/30/22
22L1392-22	SB-7C	12/30/22
22L1392-23	SB-7C Dup	12/30/22
BL21751-BLK1	Blank	12/30/22
BL21751-BLK2	Blank	12/30/22
BL21751-BS1	LCS	12/30/22
BL21751-BSD1	LCS Dup	12/30/22

Batch ID: BL21765 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date

22L1392-02	SB-1B	12/30/22
22L1392-03	SB-1C	12/30/22
22L1392-04	SB-2A	12/30/22
22L1392-05	SB-2B	12/30/22
22L1392-06	SB-2C	12/30/22
22L1392-07	SB-3A	12/30/22
22L1392-08	SB-3B	12/30/22
22L1392-09	SB-3C	12/30/22
22L1392-10	SB-4A	12/30/22
22L1392-11	SB-4B	12/30/22
22L1392-12	SB-4C	12/30/22
22L1392-13	SB-5A	12/30/22
22L1392-14	SB-5B	12/30/22
22L1392-15	SB-5C	12/30/22
22L1392-16	SB-5D	12/30/22
22L1392-17	SB-6A	12/30/22
BL21765-DUP1	Duplicate	12/30/22

Batch ID: BL21773 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	12/30/22
22L1392-02	SB-1B	12/30/22
22L1392-03	SB-1C	12/30/22
22L1392-04	SB-2A	12/30/22
22L1392-05	SB-2B	12/30/22
22L1392-06	SB-2C	12/30/22
22L1392-07	SB-3A	12/30/22
22L1392-08	SB-3B	12/30/22
22L1392-09	SB-3C	12/30/22
22L1392-10	SB-4A	12/30/22
22L1392-11	SB-4B	12/30/22
22L1392-12	SB-4C	12/30/22
22L1392-13	SB-5A	12/30/22
22L1392-14	SB-5B	12/30/22
22L1392-15	SB-5C	12/30/22
22L1392-16	SB-5D	12/30/22
22L1392-17	SB-6A	12/30/22
22L1392-18	SB-6B	12/30/22
22L1392-19	SB-6C	12/30/22
22L1392-20	SB-7A	12/30/22
BL21773-BLK1	Blank	12/30/22
BL21773-DUP1	Duplicate	12/30/22
BL21773-MS1	Matrix Spike	12/30/22
BL21773-SRM1	Reference	12/30/22

Batch ID: BL21786 **Preparation Method:** EPA 3550C **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
22L1392-01	SB-1A	12/31/22
22L1392-01	SB-1A	12/31/22

22L1392-02	SB-1B	12/31/22
22L1392-02	SB-1B	12/31/22
22L1392-03	SB-1C	12/31/22
22L1392-03	SB-1C	12/31/22
22L1392-04	SB-2A	12/31/22
22L1392-04	SB-2A	12/31/22
22L1392-05	SB-2B	12/31/22
22L1392-05	SB-2B	12/31/22
22L1392-06	SB-2C	12/31/22
22L1392-06	SB-2C	12/31/22
22L1392-07	SB-3A	12/31/22
22L1392-07	SB-3A	12/31/22
22L1392-08	SB-3B	12/31/22
22L1392-08	SB-3B	12/31/22
22L1392-09	SB-3C	12/31/22
22L1392-09	SB-3C	12/31/22
22L1392-10	SB-4A	12/31/22
22L1392-10	SB-4A	12/31/22
22L1392-11	SB-4B	12/31/22
22L1392-11	SB-4B	12/31/22
22L1392-12	SB-4C	12/31/22
22L1392-12	SB-4C	12/31/22
22L1392-13	SB-5A	12/31/22
22L1392-13	SB-5A	12/31/22
22L1392-14	SB-5B	12/31/22
22L1392-14	SB-5B	12/31/22
22L1392-15	SB-5C	12/31/22
22L1392-15	SB-5C	12/31/22
22L1392-16	SB-5D	12/31/22
22L1392-16	SB-5D	12/31/22
BL21786-BLK1	Blank	12/31/22
BL21786-BLK2	Blank	12/31/22
BL21786-BS1	LCS	12/31/22
BL21786-BS2	LCS	12/31/22
BL21786-MS1	Matrix Spike	12/31/22
BL21786-MS2	Matrix Spike	12/31/22
BL21786-MSD1	Matrix Spike Dup	12/31/22
BL21786-MSD2	Matrix Spike Dup	12/31/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Blank (BA30021-BLK1)											Prepared & Analyzed: 01/03/2023
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Blank (BA30021-BLK1)											Prepared & Analyzed: 01/03/2023
Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	"								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0084	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Blank (BA30021-BLK2)											Prepared & Analyzed: 01/03/2023
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Blank (BA30021-BLK2)											Prepared & Analyzed: 01/03/2023
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.0	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
LCS (BA30021-BS1)								Prepared & Analyzed: 01/03/2023			
1,1,1,2-Tetrachloroethane	49.4		ug/L	50.0		98.8	75-129				
1,1,1-Trichloroethane	50.6		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	51.9		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.2		"	50.0		98.4	58-146				
1,1,2-Trichloroethane	48.8		"	50.0		97.7	83-123				
1,1-Dichloroethane	49.0		"	50.0		97.9	75-130				
1,1-Dichloroethylene	49.4		"	50.0		98.9	64-137				
1,1-Dichloropropylene	47.7		"	50.0		95.4	77-127				
1,2,3-Trichlorobenzene	48.4		"	50.0		96.9	81-140				
1,2,3-Trichloropropane	49.1		"	50.0		98.2	81-126				
1,2,4,5-Tetramethylbenzene	47.0		"	50.0		94.0	63-156				
1,2,4-Trichlorobenzene	48.6		"	50.0		97.3	80-141				
1,2,4-Trimethylbenzene	49.0		"	50.0		98.1	84-125				
1,2-Dibromo-3-chloropropane	44.8		"	50.0		89.5	74-142				
1,2-Dibromoethane	49.1		"	50.0		98.1	86-123				
1,2-Dichlorobenzene	47.6		"	50.0		95.1	85-122				
1,2-Dichloroethane	49.9		"	50.0		99.9	71-133				
1,2-Dichloropropane	51.5		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	48.4		"	50.0		96.8	82-126				
1,3-Dichlorobenzene	47.8		"	50.0		95.7	84-124				
1,3-Dichloropropane	49.6		"	50.0		99.2	83-123				
1,4-Dichlorobenzene	47.1		"	50.0		94.2	84-124				
1,4-Dioxane	972		"	1050		92.5	10-228				
2,2-Dichloropropane	50.2		"	50.0		100	67-136				
2-Butanone	47.3		"	50.0		94.6	58-147				
2-Chloroethylvinyl ether	0.00		"	50.0			10-166	Low Bias			
2-Chlorotoluene	49.4		"	50.0		98.9	78-127				
2-Hexanone	48.7		"	50.0		97.3	70-139				
4-Chlorotoluene	49.6		"	50.0		99.3	79-125				
4-Methyl-2-pentanone	52.7		"	50.0		105	72-132				
Acetone	34.8		"	50.0		69.6	36-155				
Acrolein	40.8		"	50.0		81.6	10-238				
Acrylonitrile	48.5		"	50.0		97.0	66-141				
Benzene	50.4		"	50.0		101	77-127				
Bromobenzene	49.4		"	50.0		98.8	77-129				
Bromochloromethane	52.1		"	50.0		104	74-129				
Bromodichloromethane	49.6		"	50.0		99.2	81-124				
Bromoform	45.5		"	50.0		91.0	80-136				
Bromomethane	44.8		"	50.0		89.7	32-177				
Carbon disulfide	47.9		"	50.0		95.8	10-136				
Carbon tetrachloride	50.9		"	50.0		102	66-143				
Chlorobenzene	50.9		"	50.0		102	86-120				
Chloroethane	51.4		"	50.0		103	51-142				
Chloroform	50.0		"	50.0		99.9	76-131				
Chloromethane	29.8		"	50.0		59.7	49-132				
cis-1,2-Dichloroethylene	50.1		"	50.0		100	74-132				
cis-1,3-Dichloropropylene	49.0		"	50.0		98.0	81-129				
Cyclohexane	46.4		"	50.0		92.7	70-130				
Dibromochloromethane	49.0		"	50.0		98.1	10-200				
Dibromomethane	48.2		"	50.0		96.5	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
LCS (BA30021-BS1)								Prepared & Analyzed: 01/03/2023			
Dichlorodifluoromethane	14.4		ug/L	50.0		28.7	28-158				
Diisopropyl ether (DIPE)	52.1		"	50.0		104	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	48.7		ug/L	50.0		97.4	84-125				
Ethyl tert-butyl ether (ETBE)	51.3		"	50.0		103	70-130				
Hexachlorobutadiene	47.5		"	50.0		94.9	83-133				
Iodomethane	50.4		"	50.0		101	70-130				
Isopropylbenzene	51.6		"	50.0		103	81-127				
Methyl acetate	46.6		"	50.0		93.1	41-143				
Methyl Methacrylate	48.0		"	50.0		96.0	79-125				
Methyl tert-butyl ether (MTBE)	47.6		"	50.0		95.1	74-131				
Methylcyclohexane	45.8		"	50.0		91.6	70-130				
Methylene chloride	60.0		"	50.0		120	57-141				
Naphthalene	48.6		"	50.0		97.3	86-141				
n-Butylbenzene	47.5		"	50.0		94.9	80-130				
n-Propylbenzene	50.1		"	50.0		100	74-136				
o-Xylene	48.3		"	50.0		96.6	83-123				
p- & m- Xylenes	96.0		"	100		96.0	82-128				
p-Diethylbenzene	46.6		"	50.0		93.2	70-144				
p-Ethyltoluene	48.4		"	50.0		96.8	84-123				
p-Isopropyltoluene	47.7		"	50.0		95.5	85-125				
sec-Butylbenzene	49.4		"	50.0		98.8	83-125				
Styrene	49.6		"	50.0		99.2	86-126				
tert-Amyl alcohol (TAA)	462		"	500		92.3	70-130				
tert-Amyl methyl ether (TAME)	48.3		"	50.0		96.7	70-130				
tert-Butyl alcohol (TBA)	227		"	250		90.8	70-130				
tert-Butylbenzene	49.4		"	50.0		98.7	80-127				
Tetrachloroethylene	36.8		"	50.0		73.5	80-129	Low Bias			
Tetrahydrofuran	49.8		"	50.0		99.7	64-137				
Toluene	49.2		"	50.0		98.4	85-121				
trans-1,2-Dichloroethylene	49.8		"	50.0		99.6	72-132				
trans-1,3-Dichloropropylene	49.0		"	50.0		97.9	78-132				
trans-1,4-dichloro-2-butene	51.1		"	50.0		102	75-135				
Trichloroethylene	49.3		"	50.0		98.5	84-123				
Trichlorofluoromethane	52.4		"	50.0		105	62-140				
Vinyl acetate	52.6		"	50.0		105	67-136				
Vinyl Chloride	39.7		"	50.0		79.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
LCS Dup (BA30021-BSD1)								Prepared & Analyzed: 01/03/2023			
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129		4.01	30	
1,1,1-Trichloroethane	52.8		"	50.0		106	71-137		4.22	30	
1,1,2,2-Tetrachloroethane	56.0		"	50.0		112	79-129		7.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.4		"	50.0		101	58-146		2.35	30	
1,1,2-Trichloroethane	51.2		"	50.0		102	83-123		4.80	30	
1,1-Dichloroethane	50.9		"	50.0		102	75-130		3.83	30	
1,1-Dichloroethylene	51.0		"	50.0		102	64-137		3.15	30	
1,1-Dichloropropylene	50.2		"	50.0		100	77-127		5.19	30	
1,2,3-Trichlorobenzene	50.0		"	50.0		99.9	81-140		3.05	30	
1,2,3-Trichloropropane	51.8		"	50.0		104	81-126		5.39	30	
1,2,4,5-Tetramethylbenzene	48.0		"	50.0		96.1	63-156		2.13	30	
1,2,4-Trichlorobenzene	50.4		"	50.0		101	80-141		3.50	30	
1,2,4-Trimethylbenzene	50.7		"	50.0		101	84-125		3.23	30	
1,2-Dibromo-3-chloropropane	49.0		"	50.0		98.0	74-142		9.05	30	
1,2-Dibromoethane	52.8		"	50.0		106	86-123		7.25	30	
1,2-Dichlorobenzene	50.2		"	50.0		100	85-122		5.40	30	
1,2-Dichloroethane	52.7		"	50.0		105	71-133		5.44	30	
1,2-Dichloropropane	53.6		"	50.0		107	81-122		3.92	30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126		3.53	30	
1,3-Dichlorobenzene	49.5		"	50.0		99.1	84-124		3.49	30	
1,3-Dichloropropane	52.4		"	50.0		105	83-123		5.47	30	
1,4-Dichlorobenzene	48.6		"	50.0		97.2	84-124		3.11	30	
1,4-Dioxane	1050		"	1050		99.9	10-228		7.68	30	
2,2-Dichloropropane	52.2		"	50.0		104	67-136		3.87	30	
2-Butanone	52.0		"	50.0		104	58-147		9.51	30	
2-Chloroethylvinyl ether	0.00		"	50.0			10-166	Low Bias		30	
2-Chlorotoluene	50.9		"	50.0		102	78-127		2.91	30	
2-Hexanone	53.4		"	50.0		107	70-139		9.34	30	
4-Chlorotoluene	51.8		"	50.0		104	79-125		4.14	30	
4-Methyl-2-pentanone	57.1		"	50.0		114	72-132		7.98	30	
Acetone	37.3		"	50.0		74.7	36-155		7.10	30	
Acrolein	44.6		"	50.0		89.3	10-238		9.06	30	
Acrylonitrile	53.6		"	50.0		107	66-141		10.1	30	
Benzene	52.3		"	50.0		105	77-127		3.76	30	
Bromobenzene	51.8		"	50.0		104	77-129		4.65	30	
Bromochloromethane	54.8		"	50.0		110	74-129		5.03	30	
Bromodichloromethane	51.9		"	50.0		104	81-124		4.41	30	
Bromoform	49.1		"	50.0		98.3	80-136		7.69	30	
Bromomethane	48.6		"	50.0		97.1	32-177		8.01	30	
Carbon disulfide	49.5		"	50.0		99.0	10-136		3.30	30	
Carbon tetrachloride	53.2		"	50.0		106	66-143		4.38	30	
Chlorobenzene	52.6		"	50.0		105	86-120		3.17	30	
Chloroethane	53.6		"	50.0		107	51-142		4.07	30	
Chloroform	52.3		"	50.0		105	76-131		4.52	30	
Chloromethane	30.6		"	50.0		61.1	49-132		2.42	30	
cis-1,2-Dichloroethylene	52.2		"	50.0		104	74-132		4.07	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	81-129		5.38	30	
Cyclohexane	48.0		"	50.0		96.1	70-130		3.58	30	
Dibromochloromethane	52.9		"	50.0		106	10-200		7.57	30	
Dibromomethane	50.6		"	50.0		101	83-124		4.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
LCS Dup (BA30021-BSD1)								Prepared & Analyzed: 01/03/2023			
Dichlorodifluoromethane	15.9		ug/L	50.0		31.8	28-158		10.2	30	
Diisopropyl ether (DIPE)	54.2		"	50.0		108	70-130		3.99	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	50.6		ug/L	50.0		101	84-125		3.93	30	
Ethyl tert-butyl ether (ETBE)	53.9		"	50.0		108	70-130		5.08	30	
Hexachlorobutadiene	48.7		"	50.0		97.4	83-133		2.60	30	
Iodomethane	54.3		"	50.0		109	70-130		7.49	30	
Isopropylbenzene	53.5		"	50.0		107	81-127		3.54	30	
Methyl acetate	49.8		"	50.0		99.5	41-143		6.60	30	
Methyl Methacrylate	51.4		"	50.0		103	79-125		6.92	30	
Methyl tert-butyl ether (MTBE)	50.0		"	50.0		100	74-131		5.00	30	
Methylcyclohexane	46.9		"	50.0		93.8	70-130		2.37	30	
Methylene chloride	62.5		"	50.0		125	57-141		4.05	30	
Naphthalene	51.5		"	50.0		103	86-141		5.67	30	
n-Butylbenzene	49.4		"	50.0		98.7	80-130		3.92	30	
n-Propylbenzene	52.2		"	50.0		104	74-136		4.04	30	
o-Xylene	50.9		"	50.0		102	83-123		5.16	30	
p- & m- Xylenes	99.9		"	100		99.9	82-128		4.05	30	
p-Diethylbenzene	47.8		"	50.0		95.5	70-144		2.44	30	
p-Ethyltoluene	50.1		"	50.0		100	84-123		3.53	30	
p-Isopropyltoluene	49.3		"	50.0		98.6	85-125		3.26	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		3.91	30	
Styrene	52.3		"	50.0		105	86-126		5.42	30	
tert-Amyl alcohol (TAA)	512		"	500		102	70-130		10.3	30	
tert-Amyl methyl ether (TAME)	51.6		"	50.0		103	70-130		6.45	30	
tert-Butyl alcohol (TBA)	249		"	250		99.7	70-130		9.38	30	
tert-Butylbenzene	51.4		"	50.0		103	80-127		3.99	30	
Tetrachloroethylene	38.2		"	50.0		76.4	80-129	Low Bias	3.90	30	
Tetrahydrofuran	54.6		"	50.0		109	64-137		9.04	30	
Toluene	51.5		"	50.0		103	85-121		4.53	30	
trans-1,2-Dichloroethylene	51.3		"	50.0		103	72-132		2.93	30	
trans-1,3-Dichloropropylene	51.7		"	50.0		103	78-132		5.42	30	
trans-1,4-dichloro-2-butene	55.2		"	50.0		110	75-135		7.82	30	
Trichloroethylene	49.9		"	50.0		99.8	84-123		1.31	30	
Trichlorofluoromethane	53.9		"	50.0		108	62-140		2.80	30	
Vinyl acetate	52.2		"	50.0		104	67-136		0.821	30	
Vinyl Chloride	42.4		"	50.0		84.7	52-130		6.48	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Matrix Spike (BA30021-MS1)	*Source sample: 22L1489-01 (Matrix Spike)							Prepared & Analyzed: 01/03/2023			
1,1,1,2-Tetrachloroethane	35.2		ug/L	50.0	0.00	70.3	15-161				
1,1,1-Trichloroethane	39.5		"	50.0	0.00	78.9	42-145				
1,1,2,2-Tetrachloroethane	40.0		"	50.0	0.00	80.1	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	33.6		"	50.0	0.00	67.3	11-160				
1,1,2-Trichloroethane	39.5		"	50.0	0.00	79.1	44-145				
1,1-Dichloroethane	40.9		"	50.0	0.00	81.8	46-142				
1,1-Dichloroethylene	39.9		"	50.0	0.00	79.9	30-153				
1,1-Dichloropropylene	36.4		"	50.0	0.00	72.7	40-133				
1,2,3-Trichlorobenzene	16.6		"	50.0	0.00	33.3	10-157				
1,2,3-Trichloropropane	40.8		"	50.0	0.00	81.7	38-155				
1,2,4,5-Tetramethylbenzene	18.2		"	50.0	0.00	36.3	10-138				
1,2,4-Trichlorobenzene	17.3		"	50.0	0.00	34.6	10-151				
1,2,4-Trimethylbenzene	26.6		"	50.0	0.00	53.2	10-170				
1,2-Dibromo-3-chloropropane	31.0		"	50.0	0.00	62.1	36-138				
1,2-Dibromoethane	38.8		"	50.0	0.00	77.7	40-142				
1,2-Dichlorobenzene	26.4		"	50.0	0.00	52.8	10-147				
1,2-Dichloroethane	41.6		"	50.0	0.00	83.3	48-133				
1,2-Dichloropropane	41.6		"	50.0	0.00	83.1	47-141				
1,3,5-Trimethylbenzene	27.0		"	50.0	0.00	54.1	10-150				
1,3-Dichlorobenzene	26.2		"	50.0	0.00	52.5	10-144				
1,3-Dichloropropane	40.6		"	50.0	0.00	81.1	43-142				
1,4-Dichlorobenzene	26.4		"	50.0	0.00	52.7	10-160				
1,4-Dioxane	915		"	1050	0.00	87.2	10-191				
2,2-Dichloropropane	36.9		"	50.0	0.00	73.8	38-130				
2-Butanone	36.6		"	50.0	0.00	73.1	10-189				
2-Chloroethylvinyl ether	47.9		"	50.0	0.00	95.7	10-161				
2-Chlorotoluene	30.2		"	50.0	0.00	60.3	14-144				
2-Hexanone	24.6		"	50.0	0.00	49.2	10-181				
4-Chlorotoluene	30.1		"	50.0	0.00	60.1	15-138				
4-Methyl-2-pentanone	32.3		"	50.0	0.00	64.6	10-166				
Acetone	28.6		"	50.0	0.00	57.2	10-196				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias			
Acrylonitrile	39.2		"	50.0	0.00	78.3	13-161				
Benzene	41.2		"	50.0	0.00	82.3	43-139				
Bromobenzene	33.9		"	50.0	0.00	67.8	23-142				
Bromochloromethane	43.4		"	50.0	0.00	86.8	38-145				
Bromodichloromethane	39.6		"	50.0	0.00	79.3	38-147				
Bromoform	32.5		"	50.0	0.00	65.0	29-156				
Bromomethane	34.6		"	50.0	0.00	69.2	10-166				
Carbon disulfide	35.6		"	50.0	0.00	71.1	10-131				
Carbon tetrachloride	37.1		"	50.0	0.00	74.2	35-145				
Chlorobenzene	36.2		"	50.0	0.00	72.5	21-154				
Chloroethane	43.3		"	50.0	0.00	86.7	15-160				
Chloroform	41.5		"	50.0	0.00	83.0	47-142				
Chloromethane	22.3		"	50.0	0.00	44.6	10-159				
cis-1,2-Dichloroethylene	40.8		"	50.0	0.00	81.6	42-144				
cis-1,3-Dichloropropylene	37.1		"	50.0	0.00	74.1	18-159				
Cyclohexane	30.6		"	50.0	0.00	61.3	70-130	Low Bias			
Dibromochloromethane	37.5		"	50.0	0.00	75.0	10-179				
Dibromomethane	39.6		"	50.0	0.00	79.3	47-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Matrix Spike (BA30021-MS1)	*Source sample: 22L1489-01 (Matrix Spike)							Prepared & Analyzed: 01/03/2023			
Dichlorodifluoromethane	9.82		ug/L	50.0	0.00	19.6	10-145				
Diisopropyl ether (DIPE)	45.8		"	50.0	0.00	91.6	70-130				
Ethanol	2.39	0.085	mg/kg dry		ND		70-130				
Ethyl Benzene	32.8		ug/L	50.0	0.00	65.7	11-158				
Ethyl tert-butyl ether (ETBE)	44.0		"	50.0	0.00	88.0	70-130				
Hexachlorobutadiene	13.0		"	50.0	0.00	26.0	10-158				
Iodomethane	36.8		"	50.0	0.00	73.7	70-130				
Isopropylbenzene	31.9		"	50.0	0.00	63.8	10-162				
Methyl acetate	36.1		"	50.0	0.00	72.2	10-149				
Methyl Methacrylate	48.7		"	50.0	0.00	97.4	22-162				
Methyl tert-butyl ether (MTBE)	41.3		"	50.0	0.00	82.6	42-152				
Methylcyclohexane	22.8		"	50.0	0.00	45.7	70-130	Low Bias			
Methylene chloride	44.9		"	50.0	4.03	81.7	28-151				
Naphthalene	18.4		"	50.0	0.00	36.9	10-158				
n-Butylbenzene	19.2		"	50.0	0.00	38.3	10-162				
n-Propylbenzene	28.7		"	50.0	0.00	57.3	10-155				
o-Xylene	32.3		"	50.0	0.00	64.6	10-158				
p- & m- Xylenes	63.2		"	100	0.00	63.2	10-156				
p-Diethylbenzene	20.3		"	50.0	0.00	40.6	10-146				
p-Ethyltoluene	27.0		"	50.0	0.00	54.1	10-135				
p-Isopropyltoluene	22.1		"	50.0	0.00	44.1	10-147				
sec-Butylbenzene	23.1		"	50.0	0.00	46.3	10-157				
Styrene	32.5		"	50.0	0.00	65.0	13-171				
tert-Amyl alcohol (TAA)	394		"	500	0.00	78.8	70-130				
tert-Amyl methyl ether (TAME)	41.5		"	50.0	0.00	83.0	70-130				
tert-Butyl alcohol (TBA)	197		"	250	0.00	78.9	34-179				
tert-Butylbenzene	26.4		"	50.0	0.00	52.8	10-160				
Tetrachloroethylene	24.0		"	50.0	0.00	48.0	30-167				
Tetrahydrofuran	42.6		"	50.0	0.00	85.2	25-160				
Toluene	38.0		"	50.0	0.00	75.9	21-160				
trans-1,2-Dichloroethylene	39.8		"	50.0	0.00	79.7	29-153				
trans-1,3-Dichloropropylene	35.5		"	50.0	0.00	71.0	18-155				
trans-1,4-dichloro-2-butene	39.0		"	50.0	0.00	78.0	17-154				
Trichloroethylene	37.3		"	50.0	0.00	74.7	24-169				
Trichlorofluoromethane	41.6		"	50.0	0.00	83.3	35-142				
Vinyl acetate	48.4		"	50.0	0.00	96.7	10-119				
Vinyl Chloride	33.0		"	50.0	0.00	66.1	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.7*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Matrix Spike Dup (BA30021-MSD1)	*Source sample: 22L1489-01 (Matrix Spike Dup)								Prepared & Analyzed: 01/03/2023		
1,1,1,2-Tetrachloroethane	38.2		ug/L	50.0	0.00	76.5	15-161		8.39	33	
1,1,1-Trichloroethane	43.5		"	50.0	0.00	86.9	42-145		9.62	30	
1,1,2,2-Tetrachloroethane	45.1		"	50.0	0.00	90.2	16-167		11.9	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36.7		"	50.0	0.00	73.3	11-160		8.65	31	
1,1,2-Trichloroethane	42.6		"	50.0	0.00	85.2	44-145		7.45	40	
1,1-Dichloroethane	44.2		"	50.0	0.00	88.4	46-142		7.78	36	
1,1-Dichloroethylene	43.4		"	50.0	0.00	86.8	30-153		8.35	31	
1,1-Dichloropropylene	39.2		"	50.0	0.00	78.4	40-133		7.54	28	
1,2,3-Trichlorobenzene	17.8		"	50.0	0.00	35.6	10-157		6.73	47	
1,2,3-Trichloropropane	43.7		"	50.0	0.00	87.3	38-155		6.67	48	
1,2,4,5-Tetramethylbenzene	19.0		"	50.0	0.00	38.0	10-138		4.36	44	
1,2,4-Trichlorobenzene	19.6		"	50.0	0.00	39.2	10-151		12.4	52	
1,2,4-Trimethylbenzene	28.9		"	50.0	0.00	57.7	10-170		8.07	242	
1,2-Dibromo-3-chloropropane	33.5		"	50.0	0.00	67.1	36-138		7.71	54	
1,2-Dibromoethane	41.9		"	50.0	0.00	83.8	40-142		7.58	39	
1,2-Dichlorobenzene	28.7		"	50.0	0.00	57.4	10-147		8.39	52	
1,2-Dichloroethane	44.1		"	50.0	0.00	88.2	48-133		5.69	32	
1,2-Dichloropropane	46.1		"	50.0	0.00	92.2	47-141		10.3	37	
1,3,5-Trimethylbenzene	30.0		"	50.0	0.00	60.1	10-150		10.6	62	
1,3-Dichlorobenzene	29.5		"	50.0	0.00	59.0	10-144		11.7	51	
1,3-Dichloropropane	43.8		"	50.0	0.00	87.5	43-142		7.59	36	
1,4-Dichlorobenzene	29.6		"	50.0	0.00	59.3	10-160		11.7	52	
1,4-Dioxane	984		"	1050	0.00	93.8	10-191		7.28	196	
2,2-Dichloropropane	41.1		"	50.0	0.00	82.2	38-130		10.8	31	
2-Butanone	34.4		"	50.0	0.00	68.9	10-189		6.00	67	
2-Chloroethylvinyl ether	48.4		"	50.0	0.00	96.8	10-161		1.08	30	
2-Chlorotoluene	34.4		"	50.0	0.00	68.8	14-144		13.2	49	
2-Hexanone	14.6		"	50.0	0.00	29.3	10-181		50.8	60	
4-Chlorotoluene	33.9		"	50.0	0.00	67.9	15-138		12.1	39	
4-Methyl-2-pentanone	23.8		"	50.0	0.00	47.6	10-166		30.2	47	
Acetone	31.0		"	50.0	0.00	61.9	10-196		8.03	150	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	41.8		"	50.0	0.00	83.7	13-161		6.59	48	
Benzene	43.8		"	50.0	0.00	87.5	43-139		6.12	64	
Bromobenzene	37.6		"	50.0	0.00	75.1	23-142		10.3	44	
Bromochloromethane	45.7		"	50.0	0.00	91.4	38-145		5.14	30	
Bromodichloromethane	43.0		"	50.0	0.00	86.1	38-147		8.20	37	
Bromoform	34.8		"	50.0	0.00	69.6	29-156		6.89	51	
Bromomethane	39.9		"	50.0	0.00	79.8	10-166		14.2	42	
Carbon disulfide	38.3		"	50.0	0.00	76.6	10-131		7.44	36	
Carbon tetrachloride	40.4		"	50.0	0.00	80.7	35-145		8.44	31	
Chlorobenzene	39.2		"	50.0	0.00	78.4	21-154		7.82	32	
Chloroethane	47.4		"	50.0	0.00	94.9	15-160		9.06	40	
Chloroform	44.7		"	50.0	0.00	89.4	47-142		7.45	29	
Chloromethane	25.3		"	50.0	0.00	50.6	10-159		12.7	31	
cis-1,2-Dichloroethylene	43.3		"	50.0	0.00	86.7	42-144		5.99	30	
cis-1,3-Dichloropropylene	39.9		"	50.0	0.00	79.8	18-159		7.40	39	
Cyclohexane	32.7		"	50.0	0.00	65.4	70-130	Low Bias	6.54	30	
Dibromochloromethane	40.3		"	50.0	0.00	80.6	10-179		7.23	41	
Dibromomethane	42.3		"	50.0	0.00	84.6	47-143		6.42	41	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30021 - EPA 5035A											
Matrix Spike Dup (BA30021-MSD1)	*Source sample: 22L1489-01 (Matrix Spike Dup)								Prepared & Analyzed: 01/03/2023		
Dichlorodifluoromethane	10.6		ug/L	50.0	0.00	21.2	10-145		7.45	34	
Diisopropyl ether (DIPE)	48.5		"	50.0	0.00	97.1	70-130		5.81	30	
Ethanol	2.51	0.085	mg/kg dry		ND		70-130		4.89	30	
Ethyl Benzene	35.9		ug/L	50.0	0.00	71.7	11-158		8.79	42	
Ethyl tert-butyl ether (ETBE)	47.4		"	50.0	0.00	94.9	70-130		7.55	30	
Hexachlorobutadiene	15.0		"	50.0	0.00	30.1	10-158		14.5	45	
Iodomethane	41.2		"	50.0	0.00	82.3	70-130		11.1	30	
Isopropylbenzene	36.6		"	50.0	0.00	73.3	10-162		13.8	57	
Methyl acetate	35.4		"	50.0	0.00	70.9	10-149		1.82	64	
Methyl Methacrylate	44.1		"	50.0	0.00	88.1	22-162		10.0	30	
Methyl tert-butyl ether (MTBE)	43.8		"	50.0	0.00	87.5	42-152		5.76	47	
Methylcyclohexane	26.7		"	50.0	0.00	53.4	70-130	Low Bias	15.7	30	
Methylene chloride	48.7		"	50.0	4.03	89.3	28-151		8.08	49	
Naphthalene	15.8		"	50.0	0.00	31.5	10-158		15.7	95	
n-Butylbenzene	22.5		"	50.0	0.00	45.0	10-162		16.0	96	
n-Propylbenzene	32.8		"	50.0	0.00	65.7	10-155		13.6	56	
o-Xylene	34.8		"	50.0	0.00	69.7	10-158		7.66	51	
p- & m- Xylenes	67.8		"	100	0.00	67.8	10-156		7.07	47	
p-Diethylbenzene	24.1		"	50.0	0.00	48.2	10-146		17.1	39	
p-Ethyltoluene	30.0		"	50.0	0.00	60.1	10-135		10.6	40	
p-Isopropyltoluene	26.2		"	50.0	0.00	52.4	10-147		17.1	60	
sec-Butylbenzene	27.6		"	50.0	0.00	55.1	10-157		17.4	56	
Styrene	34.1		"	50.0	0.00	68.1	13-171		4.63	39	
tert-Amyl alcohol (TAA)	433		"	500	0.00	86.7	70-130		9.47	30	
tert-Amyl methyl ether (TAME)	44.1		"	50.0	0.00	88.1	70-130		6.01	30	
tert-Butyl alcohol (TBA)	217		"	250	0.00	86.9	34-179		9.74	35	
tert-Butylbenzene	30.9		"	50.0	0.00	61.8	10-160		15.7	79	
Tetrachloroethylene	26.5		"	50.0	0.00	53.0	30-167		9.82	33	
Tetrahydrofuran	44.4		"	50.0	0.00	88.9	25-160		4.25	30	
Toluene	40.7		"	50.0	0.00	81.5	21-160		7.04	50	
trans-1,2-Dichloroethylene	43.4		"	50.0	0.00	86.7	29-153		8.46	30	
trans-1,3-Dichloropropylene	37.9		"	50.0	0.00	75.8	18-155		6.60	30	
trans-1,4-dichloro-2-butene	42.7		"	50.0	0.00	85.5	17-154		9.18	30	
Trichloroethylene	40.6		"	50.0	0.00	81.2	24-169		8.37	30	
Trichlorofluoromethane	44.4		"	50.0	0.00	88.7	35-142		6.32	30	
Vinyl acetate	51.2		"	50.0	0.00	102	10-119		5.67	82	
Vinyl Chloride	35.4		"	50.0	0.00	70.8	12-160		6.95	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.1*		*"*	*50.0*		*110*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
Blank (BA30022-BLK1)											Prepared & Analyzed: 01/03/2023
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
Blank (BA30022-BLK1)											Prepared & Analyzed: 01/03/2023
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0074	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*43.5*		*ug/L*	*50.0*		*87.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
Blank (BA30022-BLK2)											Prepared & Analyzed: 01/03/2023
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
Blank (BA30022-BLK2)											Prepared & Analyzed: 01/03/2023
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.75	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.4*		*ug/L*	*50.0*		*88.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
LCS (BA30022-BS1)							Prepared & Analyzed: 01/03/2023				
1,1,1,2-Tetrachloroethane	49.4		ug/L	50.0		98.9	75-129				
1,1,1-Trichloroethane	44.7		"	50.0		89.4	71-137				
1,1,2,2-Tetrachloroethane	51.8		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.8		"	50.0		89.6	58-146				
1,1,2-Trichloroethane	48.0		"	50.0		96.1	83-123				
1,1-Dichloroethane	45.4		"	50.0		90.7	75-130				
1,1-Dichloroethylene	44.8		"	50.0		89.6	64-137				
1,1-Dichloropropylene	44.3		"	50.0		88.6	77-127				
1,2,3-Trichlorobenzene	50.2		"	50.0		100	81-140				
1,2,3-Trichloropropane	49.2		"	50.0		98.4	81-126				
1,2,4,5-Tetramethylbenzene	48.3		"	50.0		96.7	63-156				
1,2,4-Trichlorobenzene	52.9		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	48.7		"	50.0		97.4	84-125				
1,2-Dibromo-3-chloropropane	50.7		"	50.0		101	74-142				
1,2-Dibromoethane	49.6		"	50.0		99.2	86-123				
1,2-Dichlorobenzene	50.0		"	50.0		100	85-122				
1,2-Dichloroethane	42.9		"	50.0		85.8	71-133				
1,2-Dichloropropane	50.4		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	47.3		"	50.0		94.5	82-126				
1,3-Dichlorobenzene	50.5		"	50.0		101	84-124				
1,3-Dichloropropane	48.1		"	50.0		96.2	83-123				
1,4-Dichlorobenzene	50.4		"	50.0		101	84-124				
1,4-Dioxane	1050		"	1050		100	10-228				
2,2-Dichloropropane	47.0		"	50.0		94.0	67-136				
2-Butanone	49.8		"	50.0		99.5	58-147				
2-Chloroethylvinyl ether	49.4		"	50.0		98.8	10-166				
2-Chlorotoluene	47.4		"	50.0		94.9	78-127				
2-Hexanone	48.3		"	50.0		96.6	70-139				
4-Chlorotoluene	48.3		"	50.0		96.7	79-125				
4-Methyl-2-pentanone	48.9		"	50.0		97.7	72-132				
Acetone	36.0		"	50.0		72.0	36-155				
Acrolein	43.4		"	50.0		86.8	10-238				
Acrylonitrile	52.3		"	50.0		105	66-141				
Benzene	48.6		"	50.0		97.2	77-127				
Bromobenzene	48.0		"	50.0		96.0	77-129				
Bromochloromethane	47.8		"	50.0		95.6	74-129				
Bromodichloromethane	46.7		"	50.0		93.3	81-124				
Bromoform	42.0		"	50.0		84.1	80-136				
Bromomethane	39.4		"	50.0		78.9	32-177				
Carbon disulfide	51.6		"	50.0		103	10-136				
Carbon tetrachloride	45.4		"	50.0		90.7	66-143				
Chlorobenzene	52.0		"	50.0		104	86-120				
Chloroethane	43.8		"	50.0		87.7	51-142				
Chloroform	45.4		"	50.0		90.8	76-131				
Chloromethane	26.6		"	50.0		53.3	49-132				
cis-1,2-Dichloroethylene	46.1		"	50.0		92.2	74-132				
cis-1,3-Dichloropropylene	49.4		"	50.0		98.8	81-129				
Cyclohexane	51.6		"	50.0		103	70-130				
Dibromochloromethane	42.2		"	50.0		84.4	10-200				
Dibromomethane	46.5		"	50.0		92.9	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
LCS (BA30022-BS1)								Prepared & Analyzed: 01/03/2023			
Dichlorodifluoromethane	12.4		ug/L	50.0		24.7	28-158	Low Bias			
Diisopropyl ether (DIPE)	50.7		"	50.0		101	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	47.3		ug/L	50.0		94.6	84-125				
Ethyl tert-butyl ether (ETBE)	49.7		"	50.0		99.3	70-130				
Hexachlorobutadiene	48.2		"	50.0		96.3	83-133				
Iodomethane	42.7		"	50.0		85.5	70-130				
Isopropylbenzene	49.2		"	50.0		98.4	81-127				
Methyl acetate	47.1		"	50.0		94.2	41-143				
Methyl Methacrylate	48.6		"	50.0		97.3	79-125				
Methyl tert-butyl ether (MTBE)	46.6		"	50.0		93.3	74-131				
Methylcyclohexane	44.8		"	50.0		89.5	70-130				
Methylene chloride	57.2		"	50.0		114	57-141				
Naphthalene	51.0		"	50.0		102	86-141				
n-Butylbenzene	47.4		"	50.0		94.9	80-130				
n-Propylbenzene	48.9		"	50.0		97.7	74-136				
o-Xylene	47.4		"	50.0		94.9	83-123				
p- & m- Xylenes	94.5		"	100		94.5	82-128				
p-Diethylbenzene	47.6		"	50.0		95.2	70-144				
p-Ethyltoluene	49.7		"	50.0		99.5	84-123				
p-Isopropyltoluene	48.6		"	50.0		97.1	85-125				
sec-Butylbenzene	48.9		"	50.0		97.7	83-125				
Styrene	51.2		"	50.0		102	86-126				
tert-Amyl alcohol (TAA)	502		"	500		100	70-130				
tert-Amyl methyl ether (TAME)	48.7		"	50.0		97.4	70-130				
tert-Butyl alcohol (TBA)	249		"	250		99.6	70-130				
tert-Butylbenzene	44.1		"	50.0		88.3	80-127				
Tetrachloroethylene	41.4		"	50.0		82.8	80-129				
Tetrahydrofuran	47.8		"	50.0		95.5	64-137				
Toluene	48.5		"	50.0		97.1	85-121				
trans-1,2-Dichloroethylene	46.7		"	50.0		93.4	72-132				
trans-1,3-Dichloropropylene	41.3		"	50.0		82.6	78-132				
trans-1,4-dichloro-2-butene	51.8		"	50.0		104	75-135				
Trichloroethylene	47.2		"	50.0		94.3	84-123				
Trichlorofluoromethane	37.9		"	50.0		75.8	62-140				
Vinyl acetate	44.5		"	50.0		89.0	67-136				
Vinyl Chloride	34.6		"	50.0		69.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.2*		*"*	*50.0*		*90.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
LCS Dup (BA30022-BSD1)								Prepared & Analyzed: 01/03/2023			
1,1,1,2-Tetrachloroethane	49.5		ug/L	50.0		99.0	75-129		0.121	30	
1,1,1-Trichloroethane	46.6		"	50.0		93.1	71-137		4.08	30	
1,1,2,2-Tetrachloroethane	50.4		"	50.0		101	79-129		2.68	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.9		"	50.0		93.9	58-146		4.62	30	
1,1,2-Trichloroethane	47.4		"	50.0		94.7	83-123		1.43	30	
1,1-Dichloroethane	46.6		"	50.0		93.1	75-130		2.61	30	
1,1-Dichloroethylene	46.6		"	50.0		93.3	64-137		3.98	30	
1,1-Dichloropropylene	46.0		"	50.0		91.9	77-127		3.72	30	
1,2,3-Trichlorobenzene	50.5		"	50.0		101	81-140		0.556	30	
1,2,3-Trichloropropane	46.2		"	50.0		92.5	81-126		6.22	30	
1,2,4,5-Tetramethylbenzene	50.4		"	50.0		101	63-156		4.23	30	
1,2,4-Trichlorobenzene	51.9		"	50.0		104	80-141		1.91	30	
1,2,4-Trimethylbenzene	51.3		"	50.0		103	84-125		5.18	30	
1,2-Dibromo-3-chloropropane	44.1		"	50.0		88.2	74-142		13.9	30	
1,2-Dibromoethane	48.6		"	50.0		97.2	86-123		2.00	30	
1,2-Dichlorobenzene	51.2		"	50.0		102	85-122		2.37	30	
1,2-Dichloroethane	41.6		"	50.0		83.3	71-133		3.03	30	
1,2-Dichloropropane	51.3		"	50.0		103	81-122		1.77	30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126		5.77	30	
1,3-Dichlorobenzene	53.0		"	50.0		106	84-124		4.96	30	
1,3-Dichloropropane	47.2		"	50.0		94.4	83-123		1.91	30	
1,4-Dichlorobenzene	51.8		"	50.0		104	84-124		2.64	30	
1,4-Dioxane	1010		"	1050		96.4	10-228		3.62	30	
2,2-Dichloropropane	48.1		"	50.0		96.1	67-136		2.25	30	
2-Butanone	44.6		"	50.0		89.1	58-147		11.1	30	
2-Chloroethylvinyl ether	45.8		"	50.0		91.5	10-166		7.63	30	
2-Chlorotoluene	50.0		"	50.0		100	78-127		5.19	30	
2-Hexanone	46.1		"	50.0		92.2	70-139		4.66	30	
4-Chlorotoluene	50.8		"	50.0		102	79-125		4.92	30	
4-Methyl-2-pentanone	46.6		"	50.0		93.1	72-132		4.82	30	
Acetone	31.9		"	50.0		63.8	36-155		12.0	30	
Acrolein	39.6		"	50.0		79.1	10-238		9.33	30	
Acrylonitrile	48.0		"	50.0		96.1	66-141		8.51	30	
Benzene	50.0		"	50.0		99.9	77-127		2.72	30	
Bromobenzene	50.1		"	50.0		100	77-129		4.28	30	
Bromochloromethane	47.0		"	50.0		94.1	74-129		1.62	30	
Bromodichloromethane	47.1		"	50.0		94.2	81-124		0.896	30	
Bromoform	39.3		"	50.0		78.5	80-136	Low Bias	6.81	30	
Bromomethane	39.5		"	50.0		79.0	32-177		0.127	30	
Carbon disulfide	54.0		"	50.0		108	10-136		4.39	30	
Carbon tetrachloride	47.4		"	50.0		94.8	66-143		4.44	30	
Chlorobenzene	52.7		"	50.0		105	86-120		1.38	30	
Chloroethane	44.4		"	50.0		88.7	51-142		1.18	30	
Chloroform	45.8		"	50.0		91.6	76-131		0.899	30	
Chloromethane	27.9		"	50.0		55.8	49-132		4.66	30	
cis-1,2-Dichloroethylene	46.5		"	50.0		92.9	74-132		0.843	30	
cis-1,3-Dichloropropylene	49.0		"	50.0		98.0	81-129		0.792	30	
Cyclohexane	54.0		"	50.0		108	70-130		4.41	30	
Dibromochloromethane	41.4		"	50.0		82.8	10-200		1.84	30	
Dibromomethane	45.3		"	50.0		90.6	83-124		2.53	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30022 - EPA 5035A											
LCS Dup (BA30022-BSD1)								Prepared & Analyzed: 01/03/2023			
Dichlorodifluoromethane	12.5		ug/L	50.0		25.0	28-158	Low Bias	1.05	30	
Diisopropyl ether (DIPE)	50.4		"	50.0		101	70-130		0.772	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	49.0		ug/L	50.0		98.0	84-125		3.53	30	
Ethyl tert-butyl ether (ETBE)	48.8		"	50.0		97.7	70-130		1.66	30	
Hexachlorobutadiene	50.5		"	50.0		101	83-133		4.82	30	
Iodomethane	44.6		"	50.0		89.2	70-130		4.26	30	
Isopropylbenzene	52.4		"	50.0		105	81-127		6.28	30	
Methyl acetate	43.9		"	50.0		87.8	41-143		7.12	30	
Methyl Methacrylate	46.0		"	50.0		92.0	79-125		5.60	30	
Methyl tert-butyl ether (MTBE)	44.8		"	50.0		89.7	74-131		3.94	30	
Methylcyclohexane	48.1		"	50.0		96.2	70-130		7.19	30	
Methylene chloride	57.6		"	50.0		115	57-141		0.731	30	
Naphthalene	49.0		"	50.0		98.0	86-141		3.96	30	
n-Butylbenzene	50.7		"	50.0		101	80-130		6.70	30	
n-Propylbenzene	52.4		"	50.0		105	74-136		6.93	30	
o-Xylene	48.6		"	50.0		97.2	83-123		2.44	30	
p- & m- Xylenes	97.6		"	100		97.6	82-128		3.25	30	
p-Diethylbenzene	50.4		"	50.0		101	70-144		5.71	30	
p-Ethyltoluene	55.9		"	50.0		112	84-123		11.6	30	
p-Isopropyltoluene	52.0		"	50.0		104	85-125		6.75	30	
sec-Butylbenzene	52.4		"	50.0		105	83-125		7.03	30	
Styrene	51.6		"	50.0		103	86-126		0.700	30	
tert-Amyl alcohol (TAA)	441		"	500		88.2	70-130		12.9	30	
tert-Amyl methyl ether (TAME)	46.9		"	50.0		93.8	70-130		3.81	30	
tert-Butyl alcohol (TBA)	226		"	250		90.2	70-130		9.88	30	
tert-Butylbenzene	47.2		"	50.0		94.5	80-127		6.81	30	
Tetrachloroethylene	43.2		"	50.0		86.5	80-129		4.32	30	
Tetrahydrofuran	43.9		"	50.0		87.7	64-137		8.51	30	
Toluene	50.2		"	50.0		100	85-121		3.48	30	
trans-1,2-Dichloroethylene	48.3		"	50.0		96.6	72-132		3.31	30	
trans-1,3-Dichloropropylene	40.8		"	50.0		81.7	78-132		1.14	30	
trans-1,4-dichloro-2-butene	49.1		"	50.0		98.2	75-135		5.39	30	
Trichloroethylene	49.1		"	50.0		98.2	84-123		4.03	30	
Trichlorofluoromethane	39.0		"	50.0		78.0	62-140		2.84	30	
Vinyl acetate	40.5		"	50.0		81.1	67-136		9.29	30	
Vinyl Chloride	36.8		"	50.0		73.5	52-130		6.11	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*43.4*		*"*	*50.0*		*86.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30029 - EPA 5030B											
Blank (BA30029-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								

Prepared & Analyzed: 01/03/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30029 - EPA 5030B											
Blank (BA30029-BLK1)									Prepared & Analyzed: 01/03/2023		
Diisopropyl ether (DIPE)	ND	0.800	ug/L								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30029 - EPA 5030B											
LCS (BA30029-BS1)								Prepared & Analyzed: 01/03/2023			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	11.8		"	10.0		118	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.92		"	10.0		99.2	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	9.76		"	10.0		97.6	82-129				
1,1-Dichloroethylene	9.56		"	10.0		95.6	68-138				
1,1-Dichloropropylene	9.48		"	10.0		94.8	83-133				
1,2,3-Trichlorobenzene	9.49		"	10.0		94.9	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4,5-Tetramethylbenzene	9.79		"	10.0		97.9	85-140				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	10.5		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	10.3		"	10.0		103	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	203		"	210		96.8	10-349				
2,2-Dichloropropane	10.8		"	10.0		108	56-150				
2-Butanone	8.14		"	10.0		81.4	49-152				
2-Chlorotoluene	10.2		"	10.0		102	79-130				
2-Hexanone	9.29		"	10.0		92.9	51-146				
4-Chlorotoluene	10.3		"	10.0		103	79-128				
4-Methyl-2-pentanone	10.8		"	10.0		108	57-145				
Acetone	5.65		"	10.0		56.5	14-150				
Acrolein	8.64		"	10.0		86.4	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	10.2		"	10.0		102	78-129				
Bromochloromethane	10.4		"	10.0		104	77-128				
Bromodichloromethane	10.1		"	10.0		101	79-128				
Bromoform	10.7		"	10.0		107	78-133				
Bromomethane	7.39		"	10.0		73.9	43-168				
Carbon disulfide	9.49		"	10.0		94.9	68-146				
Carbon tetrachloride	10.1		"	10.0		101	77-141				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	9.51		"	10.0		95.1	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	6.45		"	10.0		64.5	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Cyclohexane	9.24		"	10.0		92.4	63-149				
Dibromochloromethane	10.4		"	10.0		104	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	3.22		"	10.0		32.2	44-144	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30029 - EPA 5030B											
LCS (BA30029-BS1)								Prepared & Analyzed: 01/03/2023			
Diisopropyl ether (DIPE)	10.5		ug/L	10.0		105	70-130				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Ethyl tert-butyl ether (ETBE)	10.7		"	10.0		107	70-130				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Iodomethane	6.68		"	10.0		66.8	70-130	Low Bias			
Isopropylbenzene	10.4		"	10.0		104	76-140				
Methyl acetate	9.51		"	10.0		95.1	51-139				
Methyl Methacrylate	9.99		"	10.0		99.9	72-132				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	9.19		"	10.0		91.9	72-143				
Methylene chloride	13.0		"	10.0		130	55-137				
Naphthalene	10.9		"	10.0		109	70-147				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	9.92		"	10.0		99.2	84-134				
p-Ethyltoluene	10.3		"	10.0		103	88-129				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Amyl alcohol (TAA)	108		"	100		108	70-130				
tert-Amyl methyl ether (TAME)	10.3		"	10.0		103	70-130				
tert-Butyl alcohol (TBA)	53.1		"	50.0		106	25-162				
tert-Butylbenzene	10.3		"	10.0		103	77-138				
Tetrachloroethylene	5.48		"	10.0		54.8	82-131	Low Bias			
Tetrahydrofuran	10.7		"	10.0		107	36-166				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	9.87		"	10.0		98.7	80-132				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131				
trans-1,4-dichloro-2-butene	10.0		"	10.0		100	63-141				
Trichloroethylene	9.32		"	10.0		93.2	82-128				
Trichlorofluoromethane	9.25		"	20.0		46.2	67-139	Low Bias			
Vinyl acetate	10.1		"	10.0		101	21-90	High Bias			
Vinyl Chloride	7.88		"	10.0		78.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30029 - EPA 5030B											
LCS Dup (BA30029-BSD1)								Prepared & Analyzed: 01/03/2023			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		4.03	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		4.36	30	
1,1,2,2-Tetrachloroethane	11.8		"	10.0		118	76-129		0.339	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		5.01	30	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		1.85	30	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		4.02	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		7.06	30	
1,1-Dichloropropylene	10.0		"	10.0		100	83-133		5.84	30	
1,2,3-Trichlorobenzene	9.70		"	10.0		97.0	76-136		2.19	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		0.281	30	
1,2,4,5-Tetramethylbenzene	10.2		"	10.0		102	85-140		4.10	30	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137		2.91	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		4.02	30	
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	45-147		1.98	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		2.18	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		2.79	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		3.17	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		3.66	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		3.91	30	
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122		3.21	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		1.35	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		1.96	30	
1,4-Dioxane	209		"	210		99.3	10-349		2.56	30	
2,2-Dichloropropane	11.0		"	10.0		110	56-150		2.66	30	
2-Butanone	8.28		"	10.0		82.8	49-152		1.71	30	
2-Chlorotoluene	10.6		"	10.0		106	79-130		3.93	30	
2-Hexanone	9.37		"	10.0		93.7	51-146		0.857	30	
4-Chlorotoluene	10.6		"	10.0		106	79-128		2.86	30	
4-Methyl-2-pentanone	10.8		"	10.0		108	57-145		0.926	30	
Acetone	5.79		"	10.0		57.9	14-150		2.45	30	
Acrolein	8.90		"	10.0		89.0	10-153		2.96	30	
Acrylonitrile	10.9		"	10.0		109	51-150		0.460	30	
Benzene	10.6		"	10.0		106	85-126		3.36	30	
Bromobenzene	10.4		"	10.0		104	78-129		2.14	30	
Bromochloromethane	10.5		"	10.0		105	77-128		1.34	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		3.02	30	
Bromoform	10.9		"	10.0		109	78-133		1.57	30	
Bromomethane	8.26		"	10.0		82.6	43-168		11.1	30	
Carbon disulfide	9.82		"	10.0		98.2	68-146		3.42	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		5.50	30	
Chlorobenzene	11.0		"	10.0		110	88-120		3.31	30	
Chloroethane	10.0		"	10.0		100	65-136		5.52	30	
Chloroform	10.5		"	10.0		105	82-128		3.89	30	
Chloromethane	6.68		"	10.0		66.8	43-155		3.50	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		4.26	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		2.43	30	
Cyclohexane	9.71		"	10.0		97.1	63-149		4.96	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		1.63	30	
Dibromomethane	10.5		"	10.0		105	72-134		2.22	30	
Dichlorodifluoromethane	3.41		"	10.0		34.1	44-144	Low Bias	5.73	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30029 - EPA 5030B											
LCS Dup (BA30029-BSD1)								Prepared & Analyzed: 01/03/2023			
Diisopropyl ether (DIPE)	10.7		ug/L	10.0		107	70-130		2.08	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		4.34	30	
Ethyl tert-butyl ether (ETBE)	10.9		"	10.0		109	70-130		2.13	30	
Hexachlorobutadiene	10.7		"	10.0		107	67-146		6.05	30	
Iodomethane	7.33		"	10.0		73.3	70-130		9.28	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		3.48	30	
Methyl acetate	9.58		"	10.0		95.8	51-139		0.733	30	
Methyl Methacrylate	10.6		"	10.0		106	72-132		5.45	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		1.87	30	
Methylcyclohexane	9.73		"	10.0		97.3	72-143		5.71	30	
Methylene chloride	12.3		"	10.0		123	55-137		6.09	30	
Naphthalene	11.2		"	10.0		112	70-147		2.71	30	
n-Butylbenzene	11.7		"	10.0		117	79-132		5.71	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		3.87	30	
o-Xylene	10.6		"	10.0		106	78-130		4.03	30	
p- & m- Xylenes	21.5		"	20.0		107	77-133		4.28	30	
p-Diethylbenzene	10.5		"	10.0		105	84-134		5.59	30	
p-Ethyltoluene	10.7		"	10.0		107	88-129		4.01	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		4.79	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		4.98	30	
Styrene	11.0		"	10.0		110	67-132		8.42	30	
tert-Amyl alcohol (TAA)	110		"	100		110	70-130		2.66	30	
tert-Amyl methyl ether (TAME)	10.6		"	10.0		106	70-130		2.20	30	
tert-Butyl alcohol (TBA)	55.3		"	50.0		111	25-162		4.17	30	
tert-Butylbenzene	10.7		"	10.0		107	77-138		3.81	30	
Tetrachloroethylene	5.73		"	10.0		57.3	82-131	Low Bias	4.46	30	
Tetrahydrofuran	11.1		"	10.0		111	36-166		3.66	30	
Toluene	10.5		"	10.0		105	80-127		3.99	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		5.23	30	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131		1.25	30	
trans-1,4-dichloro-2-butene	10.2		"	10.0		102	63-141		1.87	30	
Trichloroethylene	9.73		"	10.0		97.3	82-128		4.30	30	
Trichlorofluoromethane	9.76		"	20.0		48.8	67-139	Low Bias	5.37	30	
Vinyl acetate	10.4		"	10.0		104	21-90	High Bias	3.03	30	
Vinyl Chloride	8.48		"	10.0		84.8	58-145		7.33	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30106 - EPA 5030B											
Blank (BA30106-BLK1)											Prepared & Analyzed: 01/04/2023
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30106 - EPA 5030B											
Blank (BA30106-BLK1)											
Prepared & Analyzed: 01/04/2023											
Diisopropyl ether (DIPE)	ND	0.800	ug/L								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.32*		*"*	*10.0*		*93.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.59*		*"*	*10.0*		*85.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30106 - EPA 5030B											
LCS (BA30106-BS1)								Prepared & Analyzed: 01/04/2023			
1,1,1,2-Tetrachloroethane	9.86		ug/L	10.0		98.6	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	9.22		"	10.0		92.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	9.28		"	10.0		92.8	82-123				
1,1-Dichloroethane	9.32		"	10.0		93.2	82-129				
1,1-Dichloroethylene	9.72		"	10.0		97.2	68-138				
1,1-Dichloropropylene	9.65		"	10.0		96.5	83-133				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4,5-Tetramethylbenzene	10.8		"	10.0		108	85-140				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137				
1,2,4-Trimethylbenzene	9.44		"	10.0		94.4	82-132				
1,2-Dibromo-3-chloropropane	8.32		"	10.0		83.2	45-147				
1,2-Dibromoethane	9.60		"	10.0		96.0	83-124				
1,2-Dichlorobenzene	9.71		"	10.0		97.1	79-123				
1,2-Dichloroethane	9.71		"	10.0		97.1	73-132				
1,2-Dichloropropane	8.82		"	10.0		88.2	78-126				
1,3,5-Trimethylbenzene	9.20		"	10.0		92.0	80-131				
1,3-Dichlorobenzene	9.98		"	10.0		99.8	86-122				
1,3-Dichloropropane	9.23		"	10.0		92.3	81-125				
1,4-Dichlorobenzene	9.97		"	10.0		99.7	85-124				
1,4-Dioxane	171		"	210		81.6	10-349				
2,2-Dichloropropane	10.3		"	10.0		103	56-150				
2-Butanone	8.86		"	10.0		88.6	49-152				
2-Chlorotoluene	8.96		"	10.0		89.6	79-130				
2-Hexanone	8.06		"	10.0		80.6	51-146				
4-Chlorotoluene	8.70		"	10.0		87.0	79-128				
4-Methyl-2-pentanone	6.89		"	10.0		68.9	57-145				
Acetone	5.54		"	10.0		55.4	14-150				
Acrolein	6.40		"	10.0		64.0	10-153				
Acrylonitrile	10.4		"	10.0		104	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	8.37		"	10.0		83.7	78-129				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	8.81		"	10.0		88.1	79-128				
Bromoform	11.4		"	10.0		114	78-133				
Bromomethane	8.18		"	10.0		81.8	43-168				
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	8.92		"	10.0		89.2	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	6.25		"	10.0		62.5	43-155				
cis-1,2-Dichloroethylene	9.60		"	10.0		96.0	83-129				
cis-1,3-Dichloropropylene	8.54		"	10.0		85.4	80-131				
Cyclohexane	9.53		"	10.0		95.3	63-149				
Dibromochloromethane	9.77		"	10.0		97.7	80-130				
Dibromomethane	9.31		"	10.0		93.1	72-134				
Dichlorodifluoromethane	3.33		"	10.0		33.3	44-144	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30106 - EPA 5030B											
LCS (BA30106-BS1)								Prepared & Analyzed: 01/04/2023			
Diisopropyl ether (DIPE)	9.72		ug/L	10.0		97.2	70-130				
Ethyl Benzene	9.34		"	10.0		93.4	80-131				
Ethyl tert-butyl ether (ETBE)	10.0		"	10.0		100	70-130				
Hexachlorobutadiene	13.4		"	10.0		134	67-146				
Iodomethane	10.8		"	10.0		108	70-130				
Isopropylbenzene	9.20		"	10.0		92.0	76-140				
Methyl acetate	9.45		"	10.0		94.5	51-139				
Methyl Methacrylate	8.58		"	10.0		85.8	72-132				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135				
Methylcyclohexane	9.22		"	10.0		92.2	72-143				
Methylene chloride	10.4		"	10.0		104	55-137				
Naphthalene	9.21		"	10.0		92.1	70-147				
n-Butylbenzene	10.2		"	10.0		102	79-132				
n-Propylbenzene	9.00		"	10.0		90.0	78-133				
o-Xylene	9.43		"	10.0		94.3	78-130				
p- & m- Xylenes	18.5		"	20.0		92.4	77-133				
p-Diethylbenzene	10.5		"	10.0		105	84-134				
p-Ethyltoluene	9.42		"	10.0		94.2	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	9.93		"	10.0		99.3	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Amyl alcohol (TAA)	90.2		"	100		90.2	70-130				
tert-Amyl methyl ether (TAME)	9.77		"	10.0		97.7	70-130				
tert-Butyl alcohol (TBA)	52.4		"	50.0		105	25-162				
tert-Butylbenzene	9.17		"	10.0		91.7	77-138				
Tetrachloroethylene	8.18		"	10.0		81.8	82-131	Low Bias			
Tetrahydrofuran	9.70		"	10.0		97.0	36-166				
Toluene	9.06		"	10.0		90.6	80-127				
trans-1,2-Dichloroethylene	9.52		"	10.0		95.2	80-132				
trans-1,3-Dichloropropylene	8.74		"	10.0		87.4	78-131				
trans-1,4-dichloro-2-butene	6.64		"	10.0		66.4	63-141				
Trichloroethylene	8.87		"	10.0		88.7	82-128				
Trichlorofluoromethane	9.53		"	20.0		47.6	67-139	Low Bias			
Vinyl acetate	8.59		"	10.0		85.9	21-90				
Vinyl Chloride	7.37		"	10.0		73.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.86*		*"*	*10.0*		*88.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30106 - EPA 5030B											
LCS Dup (BA30106-BSD1)								Prepared & Analyzed: 01/04/2023			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		1.41	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		2.78	30	
1,1,2,2-Tetrachloroethane	9.34		"	10.0		93.4	76-129		1.29	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		0.189	30	
1,1,2-Trichloroethane	9.82		"	10.0		98.2	82-123		5.65	30	
1,1-Dichloroethane	9.68		"	10.0		96.8	82-129		3.79	30	
1,1-Dichloroethylene	9.77		"	10.0		97.7	68-138		0.513	30	
1,1-Dichloropropylene	9.80		"	10.0		98.0	83-133		1.54	30	
1,2,3-Trichlorobenzene	12.0		"	10.0		120	76-136		10.9	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		0.397	30	
1,2,4,5-Tetramethylbenzene	11.1		"	10.0		111	85-140		2.93	30	
1,2,4-Trichlorobenzene	11.7		"	10.0		117	76-137		4.45	30	
1,2,4-Trimethylbenzene	9.25		"	10.0		92.5	82-132		2.03	30	
1,2-Dibromo-3-chloropropane	9.11		"	10.0		91.1	45-147		9.06	30	
1,2-Dibromoethane	9.86		"	10.0		98.6	83-124		2.67	30	
1,2-Dichlorobenzene	9.67		"	10.0		96.7	79-123		0.413	30	
1,2-Dichloroethane	10.3		"	10.0		103	73-132		6.28	30	
1,2-Dichloropropane	8.94		"	10.0		89.4	78-126		1.35	30	
1,3,5-Trimethylbenzene	8.97		"	10.0		89.7	80-131		2.53	30	
1,3-Dichlorobenzene	9.83		"	10.0		98.3	86-122		1.51	30	
1,3-Dichloropropane	9.73		"	10.0		97.3	81-125		5.27	30	
1,4-Dichlorobenzene	9.73		"	10.0		97.3	85-124		2.44	30	
1,4-Dioxane	183		"	210		87.0	10-349		6.40	30	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		1.07	30	
2-Butanone	9.12		"	10.0		91.2	49-152		2.89	30	
2-Chlorotoluene	8.58		"	10.0		85.8	79-130		4.33	30	
2-Hexanone	8.71		"	10.0		87.1	51-146		7.75	30	
4-Chlorotoluene	8.44		"	10.0		84.4	79-128		3.03	30	
4-Methyl-2-pentanone	7.30		"	10.0		73.0	57-145		5.78	30	
Acetone	2.49		"	10.0		24.9	14-150		76.0	30	Non-dir.
Acrolein	3.52		"	10.0		35.2	10-153		58.1	30	Non-dir.
Acrylonitrile	12.3		"	10.0		123	51-150		16.9	30	
Benzene	10.4		"	10.0		104	85-126		1.56	30	
Bromobenzene	8.23		"	10.0		82.3	78-129		1.69	30	
Bromochloromethane	10.9		"	10.0		109	77-128		6.55	30	
Bromodichloromethane	8.78		"	10.0		87.8	79-128		0.341	30	
Bromoform	11.9		"	10.0		119	78-133		4.13	30	
Bromomethane	8.64		"	10.0		86.4	43-168		5.47	30	
Carbon disulfide	9.93		"	10.0		99.3	68-146		1.10	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		0.947	30	
Chlorobenzene	10.0		"	10.0		100	88-120		0.199	30	
Chloroethane	8.73		"	10.0		87.3	65-136		2.15	30	
Chloroform	10.3		"	10.0		103	82-128		1.66	30	
Chloromethane	6.00		"	10.0		60.0	43-155		4.08	30	
cis-1,2-Dichloroethylene	9.71		"	10.0		97.1	83-129		1.14	30	
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	80-131		3.11	30	
Cyclohexane	9.58		"	10.0		95.8	63-149		0.523	30	
Dibromochloromethane	10.1		"	10.0		101	80-130		3.42	30	
Dibromomethane	9.38		"	10.0		93.8	72-134		0.749	30	
Dichlorodifluoromethane	3.46		"	10.0		34.6	44-144	Low Bias	3.83	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30106 - EPA 5030B											
LCS Dup (BA30106-BSD1)								Prepared & Analyzed: 01/04/2023			
Diisopropyl ether (DIPE)	10.4		ug/L	10.0		104	70-130		6.28	30	
Ethyl Benzene	9.17		"	10.0		91.7	80-131		1.84	30	
Ethyl tert-butyl ether (ETBE)	10.8		"	10.0		108	70-130		7.66	30	
Hexachlorobutadiene	13.2		"	10.0		132	67-146		1.20	30	
Iodomethane	10.7		"	10.0		107	70-130		0.372	30	
Isopropylbenzene	8.67		"	10.0		86.7	76-140		5.93	30	
Methyl acetate	10.4		"	10.0		104	51-139		9.86	30	
Methyl Methacrylate	9.32		"	10.0		93.2	72-132		8.27	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		8.89	30	
Methylcyclohexane	8.83		"	10.0		88.3	72-143		4.32	30	
Methylene chloride	10.6		"	10.0		106	55-137		2.29	30	
Naphthalene	10.7		"	10.0		107	70-147		14.7	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		0.988	30	
n-Propylbenzene	8.67		"	10.0		86.7	78-133		3.74	30	
o-Xylene	9.33		"	10.0		93.3	78-130		1.07	30	
p- & m- Xylenes	18.2		"	20.0		91.0	77-133		1.58	30	
p-Diethylbenzene	10.4		"	10.0		104	84-134		0.859	30	
p-Ethyltoluene	9.02		"	10.0		90.2	88-129		4.34	30	
p-Isopropyltoluene	9.99		"	10.0		99.9	81-136		2.96	30	
sec-Butylbenzene	9.60		"	10.0		96.0	79-137		3.38	30	
Styrene	10.0		"	10.0		100	67-132		0.895	30	
tert-Amyl alcohol (TAA)	43.9		"	100		43.9	70-130	Low Bias	69.1	30	Non-dir.
tert-Amyl methyl ether (TAME)	11.1		"	10.0		111	70-130		12.7	30	
tert-Butyl alcohol (TBA)	66.4		"	50.0		133	25-162		23.4	30	
tert-Butylbenzene	8.88		"	10.0		88.8	77-138		3.21	30	
Tetrachloroethylene	7.85		"	10.0		78.5	82-131	Low Bias	4.12	30	
Tetrahydrofuran	9.84		"	10.0		98.4	36-166		1.43	30	
Toluene	8.97		"	10.0		89.7	80-127		0.998	30	
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132		1.77	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		3.37	30	
trans-1,4-dichloro-2-butene	7.11		"	10.0		71.1	63-141		6.84	30	
Trichloroethylene	8.79		"	10.0		87.9	82-128		0.906	30	
Trichlorofluoromethane	9.72		"	20.0		48.6	67-139	Low Bias	1.97	30	
Vinyl acetate	9.32		"	10.0		93.2	21-90	High Bias	8.15	30	
Vinyl Chloride	7.12		"	10.0		71.2	58-145		3.45	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.33*		*"*	*10.0*		*93.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.61*		*"*	*10.0*		*86.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
Blank (BL21749-BLK1)											Prepared & Analyzed: 12/30/2022
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
Blank (BL21749-BLK1)									Prepared & Analyzed: 12/30/2022		
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
Blank (BL21749-BLK2)											Prepared & Analyzed: 12/30/2022
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
Blank (BL21749-BLK2)									Prepared & Analyzed: 12/30/2022		
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
LCS (BL21749-BS1)								Prepared & Analyzed: 12/30/2022			
1,1,1,2-Tetrachloroethane	50.7		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	51.6		"	50.0		103	71-137				
1,1,2,2-Tetrachloroethane	54.3		"	50.0		109	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.7		"	50.0		99.4	58-146				
1,1,2-Trichloroethane	50.9		"	50.0		102	83-123				
1,1-Dichloroethane	50.2		"	50.0		100	75-130				
1,1-Dichloroethylene	50.4		"	50.0		101	64-137				
1,1-Dichloropropylene	49.9		"	50.0		99.8	77-127				
1,2,3-Trichlorobenzene	51.5		"	50.0		103	81-140				
1,2,3-Trichloropropane	52.8		"	50.0		106	81-126				
1,2,4,5-Tetramethylbenzene	52.0		"	50.0		104	63-156				
1,2,4-Trichlorobenzene	52.3		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	52.6		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	49.4		"	50.0		98.8	74-142				
1,2-Dibromoethane	51.9		"	50.0		104	86-123				
1,2-Dichlorobenzene	51.3		"	50.0		103	85-122				
1,2-Dichloroethane	52.0		"	50.0		104	71-133				
1,2-Dichloropropane	52.3		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	51.3		"	50.0		103	82-126				
1,3-Dichlorobenzene	51.6		"	50.0		103	84-124				
1,3-Dichloropropane	51.6		"	50.0		103	83-123				
1,4-Dichlorobenzene	50.8		"	50.0		102	84-124				
1,4-Dioxane	1110		"	1050		106	10-228				
2,2-Dichloropropane	51.6		"	50.0		103	67-136				
2-Butanone	49.7		"	50.0		99.3	58-147				
2-Chloroethylvinyl ether	49.9		"	50.0		99.7	10-166				
2-Chlorotoluene	52.7		"	50.0		105	78-127				
2-Hexanone	50.8		"	50.0		102	70-139				
4-Chlorotoluene	53.2		"	50.0		106	79-125				
4-Methyl-2-pentanone	53.6		"	50.0		107	72-132				
Acetone	35.3		"	50.0		70.6	36-155				
Acrolein	41.6		"	50.0		83.3	10-238				
Acrylonitrile	52.1		"	50.0		104	66-141				
Benzene	52.5		"	50.0		105	77-127				
Bromobenzene	52.8		"	50.0		106	77-129				
Bromochloromethane	53.7		"	50.0		107	74-129				
Bromodichloromethane	50.9		"	50.0		102	81-124				
Bromoform	48.1		"	50.0		96.2	80-136				
Bromomethane	47.3		"	50.0		94.5	32-177				
Carbon disulfide	48.5		"	50.0		96.9	10-136				
Carbon tetrachloride	52.3		"	50.0		105	66-143				
Chlorobenzene	54.3		"	50.0		109	86-120				
Chloroethane	52.5		"	50.0		105	51-142				
Chloroform	51.8		"	50.0		104	76-131				
Chloromethane	31.0		"	50.0		62.0	49-132				
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	50.7		"	50.0		101	81-129				
Cyclohexane	48.9		"	50.0		97.9	70-130				
Dibromochloromethane	50.6		"	50.0		101	10-200				
Dibromomethane	49.4		"	50.0		98.8	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
LCS (BL21749-BS1)								Prepared & Analyzed: 12/30/2022			
Dichlorodifluoromethane	13.7		ug/L	50.0		27.5	28-158	Low Bias			
Diisopropyl ether (DIPE)	53.0		"	50.0		106	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	52.1		ug/L	50.0		104	84-125				
Ethyl tert-butyl ether (ETBE)	52.1		"	50.0		104	70-130				
Hexachlorobutadiene	51.0		"	50.0		102	83-133				
Iodomethane	53.0		"	50.0		106	70-130				
Isopropylbenzene	54.8		"	50.0		110	81-127				
Methyl acetate	49.7		"	50.0		99.3	41-143				
Methyl Methacrylate	50.1		"	50.0		100	79-125				
Methyl tert-butyl ether (MTBE)	48.9		"	50.0		97.8	74-131				
Methylcyclohexane	48.0		"	50.0		96.0	70-130				
Methylene chloride	49.7		"	50.0		99.4	57-141				
Naphthalene	52.5		"	50.0		105	86-141				
n-Butylbenzene	51.6		"	50.0		103	80-130				
n-Propylbenzene	53.5		"	50.0		107	74-136				
o-Xylene	51.8		"	50.0		104	83-123				
p- & m- Xylenes	103		"	100		103	82-128				
p-Diethylbenzene	51.2		"	50.0		102	70-144				
p-Ethyltoluene	51.3		"	50.0		103	84-123				
p-Isopropyltoluene	51.3		"	50.0		103	85-125				
sec-Butylbenzene	52.9		"	50.0		106	83-125				
Styrene	53.4		"	50.0		107	86-126				
tert-Amyl alcohol (TAA)	518		"	500		104	70-130				
tert-Amyl methyl ether (TAME)	50.4		"	50.0		101	70-130				
tert-Butyl alcohol (TBA)	247		"	250		98.9	70-130				
tert-Butylbenzene	53.1		"	50.0		106	80-127				
Tetrachloroethylene	38.7		"	50.0		77.4	80-129	Low Bias			
Tetrahydrofuran	51.1		"	50.0		102	64-137				
Toluene	51.3		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	50.9		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	50.1		"	50.0		100	78-132				
trans-1,4-dichloro-2-butene	54.6		"	50.0		109	75-135				
Trichloroethylene	49.8		"	50.0		99.6	84-123				
Trichlorofluoromethane	52.9		"	50.0		106	62-140				
Vinyl acetate	52.8		"	50.0		106	67-136				
Vinyl Chloride	40.8		"	50.0		81.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
LCS Dup (BL21749-BSD1)								Prepared & Analyzed: 12/30/2022			
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129		2.36	30	
1,1,1-Trichloroethane	52.2		"	50.0		104	71-137		1.23	30	
1,1,2,2-Tetrachloroethane	56.5		"	50.0		113	79-129		3.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.2		"	50.0		100	58-146		1.04	30	
1,1,2-Trichloroethane	51.9		"	50.0		104	83-123		2.06	30	
1,1-Dichloroethane	51.0		"	50.0		102	75-130		1.50	30	
1,1-Dichloroethylene	50.7		"	50.0		101	64-137		0.712	30	
1,1-Dichloropropylene	49.9		"	50.0		99.8	77-127		0.00	30	
1,2,3-Trichlorobenzene	51.5		"	50.0		103	81-140		0.00	30	
1,2,3-Trichloropropane	53.1		"	50.0		106	81-126		0.472	30	
1,2,4,5-Tetramethylbenzene	51.9		"	50.0		104	63-156		0.212	30	
1,2,4-Trichlorobenzene	51.9		"	50.0		104	80-141		0.825	30	
1,2,4-Trimethylbenzene	53.3		"	50.0		107	84-125		1.28	30	
1,2-Dibromo-3-chloropropane	48.3		"	50.0		96.5	74-142		2.33	30	
1,2-Dibromoethane	52.0		"	50.0		104	86-123		0.135	30	
1,2-Dichlorobenzene	51.8		"	50.0		104	85-122		1.01	30	
1,2-Dichloroethane	52.0		"	50.0		104	71-133		0.0577	30	
1,2-Dichloropropane	53.3		"	50.0		107	81-122		1.82	30	
1,3,5-Trimethylbenzene	52.8		"	50.0		106	82-126		2.82	30	
1,3-Dichlorobenzene	52.0		"	50.0		104	84-124		0.656	30	
1,3-Dichloropropane	52.9		"	50.0		106	83-123		2.41	30	
1,4-Dichlorobenzene	51.4		"	50.0		103	84-124		1.02	30	
1,4-Dioxane	1130		"	1050		108	10-228		1.64	30	
2,2-Dichloropropane	52.2		"	50.0		104	67-136		1.14	30	
2-Butanone	49.4		"	50.0		98.8	58-147		0.565	30	
2-Chloroethylvinyl ether	50.8		"	50.0		102	10-166		1.91	30	
2-Chlorotoluene	53.6		"	50.0		107	78-127		1.73	30	
2-Hexanone	51.3		"	50.0		103	70-139		1.14	30	
4-Chlorotoluene	54.7		"	50.0		109	79-125		2.76	30	
4-Methyl-2-pentanone	55.1		"	50.0		110	72-132		2.70	30	
Acetone	35.2		"	50.0		70.3	36-155		0.369	30	
Acrolein	42.2		"	50.0		84.5	10-238		1.48	30	
Acrylonitrile	51.8		"	50.0		104	66-141		0.597	30	
Benzene	52.7		"	50.0		105	77-127		0.437	30	
Bromobenzene	53.3		"	50.0		107	77-129		0.943	30	
Bromochloromethane	54.6		"	50.0		109	74-129		1.77	30	
Bromodichloromethane	52.1		"	50.0		104	81-124		2.29	30	
Bromoform	48.5		"	50.0		96.9	80-136		0.704	30	
Bromomethane	47.3		"	50.0		94.7	32-177		0.169	30	
Carbon disulfide	48.8		"	50.0		97.6	10-136		0.638	30	
Carbon tetrachloride	53.2		"	50.0		106	66-143		1.74	30	
Chlorobenzene	54.4		"	50.0		109	86-120		0.331	30	
Chloroethane	52.5		"	50.0		105	51-142		0.0381	30	
Chloroform	51.9		"	50.0		104	76-131		0.193	30	
Chloromethane	30.7		"	50.0		61.3	49-132		1.04	30	
cis-1,2-Dichloroethylene	52.1		"	50.0		104	74-132		1.35	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	81-129		2.01	30	
Cyclohexane	49.6		"	50.0		99.2	70-130		1.32	30	
Dibromochloromethane	52.1		"	50.0		104	10-200		2.92	30	
Dibromomethane	50.1		"	50.0		100	83-124		1.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21749 - EPA 5035A											
LCS Dup (BL21749-BSD1)								Prepared & Analyzed: 12/30/2022			
Dichlorodifluoromethane	13.9		ug/L	50.0		27.8	28-158	Low Bias	1.37	30	
Diisopropyl ether (DIPE)	53.8		"	50.0		108	70-130		1.39	30	
Ethanol	2.74	0.080	mg/kg wet				70-130		200	30	Non-dir.
Ethyl Benzene	52.3		ug/L	50.0		105	84-125		0.326	30	
Ethyl tert-butyl ether (ETBE)	53.2		"	50.0		106	70-130		2.07	30	
Hexachlorobutadiene	50.3		"	50.0		101	83-133		1.28	30	
Iodomethane	55.0		"	50.0		110	70-130		3.76	30	
Isopropylbenzene	56.1		"	50.0		112	81-127		2.36	30	
Methyl acetate	49.2		"	50.0		98.5	41-143		0.870	30	
Methyl Methacrylate	50.2		"	50.0		100	79-125		0.140	30	
Methyl tert-butyl ether (MTBE)	49.6		"	50.0		99.3	74-131		1.54	30	
Methylcyclohexane	48.7		"	50.0		97.4	70-130		1.49	30	
Methylene chloride	50.0		"	50.0		100	57-141		0.662	30	
Naphthalene	52.6		"	50.0		105	86-141		0.266	30	
n-Butylbenzene	51.5		"	50.0		103	80-130		0.0582	30	
n-Propylbenzene	54.6		"	50.0		109	74-136		2.05	30	
o-Xylene	52.4		"	50.0		105	83-123		1.21	30	
p- & m- Xylenes	104		"	100		104	82-128		1.46	30	
p-Diethylbenzene	52.1		"	50.0		104	70-144		1.63	30	
p-Ethyltoluene	52.8		"	50.0		106	84-123		2.82	30	
p-Isopropyltoluene	51.9		"	50.0		104	85-125		1.03	30	
sec-Butylbenzene	53.8		"	50.0		108	83-125		1.65	30	
Styrene	53.8		"	50.0		108	86-126		0.709	30	
tert-Amyl alcohol (TAA)	531		"	500		106	70-130		2.43	30	
tert-Amyl methyl ether (TAME)	51.3		"	50.0		103	70-130		1.89	30	
tert-Butyl alcohol (TBA)	250		"	250		100	70-130		1.06	30	
tert-Butylbenzene	54.1		"	50.0		108	80-127		2.00	30	
Tetrachloroethylene	39.2		"	50.0		78.3	80-129	Low Bias	1.13	30	
Tetrahydrofuran	52.7		"	50.0		105	64-137		3.10	30	
Toluene	52.3		"	50.0		105	85-121		2.07	30	
trans-1,2-Dichloroethylene	50.9		"	50.0		102	72-132		0.118	30	
trans-1,3-Dichloropropylene	51.4		"	50.0		103	78-132		2.66	30	
trans-1,4-dichloro-2-butene	55.7		"	50.0		111	75-135		1.99	30	
Trichloroethylene	51.1		"	50.0		102	84-123		2.62	30	
Trichlorofluoromethane	52.7		"	50.0		105	62-140		0.322	30	
Vinyl acetate	54.6		"	50.0		109	67-136		3.35	30	
Vinyl Chloride	40.7		"	50.0		81.4	52-130		0.246	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
Blank (BL21750-BLK1)									Prepared & Analyzed: 12/30/2022		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
Blank (BL21750-BLK1)										Prepared & Analyzed: 12/30/2022	
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.1*		*"*	*50.0*		*94.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*43.4*		*"*	*50.0*		*86.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
Blank (BL21750-BLK2)									Prepared & Analyzed: 12/30/2022		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
Blank (BL21750-BLK2)											Prepared & Analyzed: 12/30/2022
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*ug/L*	*50.0*		*97.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*43.9*		*"*	*50.0*		*87.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
LCS (BL21750-BS1)								Prepared & Analyzed: 12/30/2022			
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	52.6		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	44.5		"	50.0		89.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.2		"	50.0		106	58-146				
1,1,2-Trichloroethane	47.1		"	50.0		94.2	83-123				
1,1-Dichloroethane	48.6		"	50.0		97.2	75-130				
1,1-Dichloroethylene	49.0		"	50.0		98.0	64-137				
1,1-Dichloropropylene	50.4		"	50.0		101	77-127				
1,2,3-Trichlorobenzene	48.9		"	50.0		97.7	81-140				
1,2,3-Trichloropropane	44.9		"	50.0		89.8	81-126				
1,2,4,5-Tetramethylbenzene	47.5		"	50.0		95.0	63-156				
1,2,4-Trichlorobenzene	50.1		"	50.0		100	80-141				
1,2,4-Trimethylbenzene	47.2		"	50.0		94.4	84-125				
1,2-Dibromo-3-chloropropane	36.2		"	50.0		72.5	74-142	Low Bias			
1,2-Dibromoethane	48.4		"	50.0		96.8	86-123				
1,2-Dichlorobenzene	49.3		"	50.0		98.6	85-122				
1,2-Dichloroethane	51.1		"	50.0		102	71-133				
1,2-Dichloropropane	46.1		"	50.0		92.1	81-122				
1,3,5-Trimethylbenzene	46.3		"	50.0		92.6	82-126				
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124				
1,3-Dichloropropane	46.3		"	50.0		92.7	83-123				
1,4-Dichlorobenzene	49.2		"	50.0		98.5	84-124				
1,4-Dioxane	1260		"	1050		120	10-228				
2,2-Dichloropropane	46.6		"	50.0		93.2	67-136				
2-Butanone	46.2		"	50.0		92.5	58-147				
2-Chloroethylvinyl ether	44.1		"	50.0		88.3	10-166				
2-Chlorotoluene	45.7		"	50.0		91.4	78-127				
2-Hexanone	42.0		"	50.0		84.1	70-139				
4-Chlorotoluene	46.5		"	50.0		93.0	79-125				
4-Methyl-2-pentanone	43.2		"	50.0		86.3	72-132				
Acetone	34.7		"	50.0		69.4	36-155				
Acrolein	26.6		"	50.0		53.2	10-238				
Acrylonitrile	48.9		"	50.0		97.9	66-141				
Benzene	54.3		"	50.0		109	77-127				
Bromobenzene	42.5		"	50.0		85.0	77-129				
Bromochloromethane	50.0		"	50.0		99.9	74-129				
Bromodichloromethane	45.4		"	50.0		90.8	81-124				
Bromoform	45.4		"	50.0		90.8	80-136				
Bromomethane	45.1		"	50.0		90.2	32-177				
Carbon disulfide	49.1		"	50.0		98.1	10-136				
Carbon tetrachloride	53.6		"	50.0		107	66-143				
Chlorobenzene	52.4		"	50.0		105	86-120				
Chloroethane	48.1		"	50.0		96.1	51-142				
Chloroform	53.0		"	50.0		106	76-131				
Chloromethane	27.6		"	50.0		55.3	49-132				
cis-1,2-Dichloroethylene	49.9		"	50.0		99.7	74-132				
cis-1,3-Dichloropropylene	44.8		"	50.0		89.7	81-129				
Cyclohexane	47.1		"	50.0		94.2	70-130				
Dibromochloromethane	49.4		"	50.0		98.7	10-200				
Dibromomethane	45.9		"	50.0		91.9	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
LCS (BL21750-BS1)								Prepared & Analyzed: 12/30/2022			
Dichlorodifluoromethane	13.6		ug/L	50.0		27.2	28-158	Low Bias			
Diisopropyl ether (DIPE)	49.6		"	50.0		99.3	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	49.5		ug/L	50.0		99.0	84-125				
Ethyl tert-butyl ether (ETBE)	49.4		"	50.0		98.8	70-130				
Hexachlorobutadiene	47.2		"	50.0		94.3	83-133				
Iodomethane	53.6		"	50.0		107	70-130				
Isopropylbenzene	46.8		"	50.0		93.6	81-127				
Methyl acetate	43.0		"	50.0		86.0	41-143				
Methyl Methacrylate	42.8		"	50.0		85.6	79-125				
Methyl tert-butyl ether (MTBE)	47.3		"	50.0		94.5	74-131				
Methylcyclohexane	44.8		"	50.0		89.7	70-130				
Methylene chloride	48.3		"	50.0		96.7	57-141				
Naphthalene	46.6		"	50.0		93.3	86-141				
n-Butylbenzene	46.2		"	50.0		92.4	80-130				
n-Propylbenzene	45.9		"	50.0		91.8	74-136				
o-Xylene	50.0		"	50.0		100	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
p-Diethylbenzene	47.2		"	50.0		94.3	70-144				
p-Ethyltoluene	48.0		"	50.0		96.0	84-123				
p-Isopropyltoluene	47.3		"	50.0		94.7	85-125				
sec-Butylbenzene	47.1		"	50.0		94.3	83-125				
Styrene	53.3		"	50.0		107	86-126				
tert-Amyl alcohol (TAA)	407		"	500		81.4	70-130				
tert-Amyl methyl ether (TAME)	47.7		"	50.0		95.4	70-130				
tert-Butyl alcohol (TBA)	192		"	250		76.8	70-130				
tert-Butylbenzene	47.3		"	50.0		94.6	80-127				
Tetrachloroethylene	40.3		"	50.0		80.6	80-129				
Tetrahydrofuran	46.4		"	50.0		92.8	64-137				
Toluene	48.8		"	50.0		97.6	85-121				
trans-1,2-Dichloroethylene	49.9		"	50.0		99.7	72-132				
trans-1,3-Dichloropropylene	43.9		"	50.0		87.7	78-132				
trans-1,4-dichloro-2-butene	42.5		"	50.0		85.0	75-135				
Trichloroethylene	46.8		"	50.0		93.6	84-123				
Trichlorofluoromethane	46.6		"	50.0		93.2	62-140				
Vinyl acetate	49.9		"	50.0		99.8	67-136				
Vinyl Chloride	37.8		"	50.0		75.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*44.2*		*"*	*50.0*		*88.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
LCS Dup (BL21750-BSD1)							Prepared & Analyzed: 12/30/2022				
1,1,1,2-Tetrachloroethane	54.7		ug/L	50.0		109	75-129		6.26	30	
1,1,1-Trichloroethane	57.2		"	50.0		114	71-137		8.34	30	
1,1,2,2-Tetrachloroethane	48.9		"	50.0		97.8	79-129		9.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.7		"	50.0		115	58-146		8.06	30	
1,1,2-Trichloroethane	50.4		"	50.0		101	83-123		6.83	30	
1,1-Dichloroethane	52.4		"	50.0		105	75-130		7.47	30	
1,1-Dichloroethylene	53.1		"	50.0		106	64-137		8.09	30	
1,1-Dichloropropylene	54.7		"	50.0		109	77-127		8.13	30	
1,2,3-Trichlorobenzene	51.5		"	50.0		103	81-140		5.32	30	
1,2,3-Trichloropropane	48.6		"	50.0		97.2	81-126		7.92	30	
1,2,4,5-Tetramethylbenzene	50.7		"	50.0		101	63-156		6.48	30	
1,2,4-Trichlorobenzene	52.9		"	50.0		106	80-141		5.28	30	
1,2,4-Trimethylbenzene	50.5		"	50.0		101	84-125		6.76	30	
1,2-Dibromo-3-chloropropane	39.4		"	50.0		78.7	74-142		8.25	30	
1,2-Dibromoethane	52.3		"	50.0		105	86-123		7.73	30	
1,2-Dichlorobenzene	52.4		"	50.0		105	85-122		6.17	30	
1,2-Dichloroethane	54.4		"	50.0		109	71-133		6.33	30	
1,2-Dichloropropane	49.1		"	50.0		98.2	81-122		6.33	30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126		7.80	30	
1,3-Dichlorobenzene	52.7		"	50.0		105	84-124		6.59	30	
1,3-Dichloropropane	49.6		"	50.0		99.1	83-123		6.70	30	
1,4-Dichlorobenzene	52.2		"	50.0		104	84-124		5.76	30	
1,4-Dioxane	1460		"	1050		139	10-228		15.2	30	
2,2-Dichloropropane	50.7		"	50.0		101	67-136		8.55	30	
2-Butanone	54.6		"	50.0		109	58-147		16.5	30	
2-Chloroethylvinyl ether	47.9		"	50.0		95.8	10-166		8.17	30	
2-Chlorotoluene	49.4		"	50.0		98.9	78-127		7.84	30	
2-Hexanone	46.9		"	50.0		93.9	70-139		11.0	30	
4-Chlorotoluene	49.8		"	50.0		99.6	79-125		6.81	30	
4-Methyl-2-pentanone	46.8		"	50.0		93.6	72-132		8.05	30	
Acetone	37.8		"	50.0		75.5	36-155		8.45	30	
Acrolein	29.6		"	50.0		59.2	10-238		10.6	30	
Acrylonitrile	52.5		"	50.0		105	66-141		7.08	30	
Benzene	58.4		"	50.0		117	77-127		7.34	30	
Bromobenzene	45.2		"	50.0		90.3	77-129		6.09	30	
Bromochloromethane	53.1		"	50.0		106	74-129		6.04	30	
Bromodichloromethane	48.3		"	50.0		96.7	81-124		6.32	30	
Bromoform	48.7		"	50.0		97.3	80-136		6.97	30	
Bromomethane	47.4		"	50.0		94.7	32-177		4.93	30	
Carbon disulfide	53.0		"	50.0		106	10-136		7.66	30	
Carbon tetrachloride	58.2		"	50.0		116	66-143		8.15	30	
Chlorobenzene	56.1		"	50.0		112	86-120		6.91	30	
Chloroethane	50.4		"	50.0		101	51-142		4.83	30	
Chloroform	56.9		"	50.0		114	76-131		7.06	30	
Chloromethane	29.4		"	50.0		58.9	49-132		6.27	30	
cis-1,2-Dichloroethylene	53.7		"	50.0		107	74-132		7.36	30	
cis-1,3-Dichloropropylene	47.9		"	50.0		95.9	81-129		6.64	30	
Cyclohexane	51.5		"	50.0		103	70-130		8.82	30	
Dibromochloromethane	51.8		"	50.0		104	10-200		4.92	30	
Dibromomethane	49.9		"	50.0		99.8	83-124		8.29	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21750 - EPA 5035A											
LCS Dup (BL21750-BSD1)								Prepared & Analyzed: 12/30/2022			
Dichlorodifluoromethane	14.0		ug/L	50.0		27.9	28-158	Low Bias	2.76	30	
Diisopropyl ether (DIPE)	52.9		"	50.0		106	70-130		6.41	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	53.3		ug/L	50.0		107	84-125		7.49	30	
Ethyl tert-butyl ether (ETBE)	51.9		"	50.0		104	70-130		4.97	30	
Hexachlorobutadiene	51.2		"	50.0		102	83-133		8.29	30	
Iodomethane	58.1		"	50.0		116	70-130		7.95	30	
Isopropylbenzene	51.0		"	50.0		102	81-127		8.65	30	
Methyl acetate	47.3		"	50.0		94.5	41-143		9.44	30	
Methyl Methacrylate	46.5		"	50.0		93.0	79-125		8.29	30	
Methyl tert-butyl ether (MTBE)	50.2		"	50.0		100	74-131		6.05	30	
Methylcyclohexane	48.7		"	50.0		97.5	70-130		8.34	30	
Methylene chloride	51.5		"	50.0		103	57-141		6.35	30	
Naphthalene	50.0		"	50.0		100	86-141		7.00	30	
n-Butylbenzene	49.8		"	50.0		99.7	80-130		7.58	30	
n-Propylbenzene	49.9		"	50.0		99.8	74-136		8.27	30	
o-Xylene	53.4		"	50.0		107	83-123		6.64	30	
p- & m- Xylenes	109		"	100		109	82-128		7.52	30	
p-Diethylbenzene	51.0		"	50.0		102	70-144		7.75	30	
p-Ethyltoluene	51.9		"	50.0		104	84-123		7.82	30	
p-Isopropyltoluene	51.3		"	50.0		103	85-125		7.97	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		8.72	30	
Styrene	56.7		"	50.0		113	86-126		6.12	30	
tert-Amyl alcohol (TAA)	446		"	500		89.1	70-130		9.03	30	
tert-Amyl methyl ether (TAME)	50.3		"	50.0		101	70-130		5.29	30	
tert-Butyl alcohol (TBA)	215		"	250		86.2	70-130		11.4	30	
tert-Butylbenzene	51.4		"	50.0		103	80-127		8.33	30	
Tetrachloroethylene	43.5		"	50.0		87.0	80-129		7.69	30	
Tetrahydrofuran	52.0		"	50.0		104	64-137		11.5	30	
Toluene	52.4		"	50.0		105	85-121		7.04	30	
trans-1,2-Dichloroethylene	54.0		"	50.0		108	72-132		7.90	30	
trans-1,3-Dichloropropylene	46.6		"	50.0		93.1	78-132		5.95	30	
trans-1,4-dichloro-2-butene	46.4		"	50.0		92.8	75-135		8.71	30	
Trichloroethylene	50.4		"	50.0		101	84-123		7.33	30	
Trichlorofluoromethane	49.6		"	50.0		99.1	62-140		6.20	30	
Vinyl acetate	52.1		"	50.0		104	67-136		4.31	30	
Vinyl Chloride	40.4		"	50.0		80.9	52-130		6.72	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*44.4*		*"*	*50.0*		*88.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
Blank (BL21751-BLK1)											Prepared & Analyzed: 12/30/2022
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
Blank (BL21751-BLK1)									Prepared & Analyzed: 12/30/2022		
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.6*		*ug/L*	*50.0*		*85.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
Blank (BL21751-BLK2)											Prepared & Analyzed: 12/30/2022
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
Blank (BL21751-BLK2)									Prepared & Analyzed: 12/30/2022		
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*43.7*		*ug/L*	*50.0*		*87.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
LCS (BL21751-BS1)							Prepared & Analyzed: 12/30/2022				
1,1,1,2-Tetrachloroethane	47.3		ug/L	50.0		94.7	75-129				
1,1,1-Trichloroethane	42.7		"	50.0		85.3	71-137				
1,1,2,2-Tetrachloroethane	52.4		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.6		"	50.0		87.1	58-146				
1,1,2-Trichloroethane	47.6		"	50.0		95.1	83-123				
1,1-Dichloroethane	44.7		"	50.0		89.3	75-130				
1,1-Dichloroethylene	42.3		"	50.0		84.6	64-137				
1,1-Dichloropropylene	42.8		"	50.0		85.6	77-127				
1,2,3-Trichlorobenzene	49.7		"	50.0		99.5	81-140				
1,2,3-Trichloropropane	47.2		"	50.0		94.5	81-126				
1,2,4,5-Tetramethylbenzene	49.5		"	50.0		99.0	63-156				
1,2,4-Trichlorobenzene	51.8		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	48.4		"	50.0		96.8	84-125				
1,2-Dibromo-3-chloropropane	45.3		"	50.0		90.7	74-142				
1,2-Dibromoethane	48.3		"	50.0		96.7	86-123				
1,2-Dichlorobenzene	50.3		"	50.0		101	85-122				
1,2-Dichloroethane	41.4		"	50.0		82.8	71-133				
1,2-Dichloropropane	49.8		"	50.0		99.5	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126				
1,3-Dichlorobenzene	50.6		"	50.0		101	84-124				
1,3-Dichloropropane	47.4		"	50.0		94.8	83-123				
1,4-Dichlorobenzene	49.9		"	50.0		99.9	84-124				
1,4-Dioxane	1070		"	1050		101	10-228				
2,2-Dichloropropane	43.5		"	50.0		86.9	67-136				
2-Butanone	46.5		"	50.0		93.0	58-147				
2-Chloroethylvinyl ether	52.0		"	50.0		104	10-166				
2-Chlorotoluene	47.5		"	50.0		95.0	78-127				
2-Hexanone	46.7		"	50.0		93.5	70-139				
4-Chlorotoluene	48.3		"	50.0		96.6	79-125				
4-Methyl-2-pentanone	46.8		"	50.0		93.6	72-132				
Acetone	33.8		"	50.0		67.6	36-155				
Acrolein	42.7		"	50.0		85.3	10-238				
Acrylonitrile	51.5		"	50.0		103	66-141				
Benzene	48.1		"	50.0		96.3	77-127				
Bromobenzene	48.3		"	50.0		96.6	77-129				
Bromochloromethane	47.0		"	50.0		93.9	74-129				
Bromodichloromethane	45.7		"	50.0		91.3	81-124				
Bromoform	38.9		"	50.0		77.7	80-136	Low Bias			
Bromomethane	37.6		"	50.0		75.1	32-177				
Carbon disulfide	50.2		"	50.0		100	10-136				
Carbon tetrachloride	43.0		"	50.0		86.0	66-143				
Chlorobenzene	50.2		"	50.0		100	86-120				
Chloroethane	42.0		"	50.0		83.9	51-142				
Chloroform	44.2		"	50.0		88.4	76-131				
Chloromethane	25.0		"	50.0		49.9	49-132				
cis-1,2-Dichloroethylene	44.8		"	50.0		89.6	74-132				
cis-1,3-Dichloropropylene	47.7		"	50.0		95.4	81-129				
Cyclohexane	51.5		"	50.0		103	70-130				
Dibromochloromethane	40.8		"	50.0		81.5	10-200				
Dibromomethane	45.6		"	50.0		91.3	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
LCS (BL21751-BS1)								Prepared & Analyzed: 12/30/2022			
Dichlorodifluoromethane	10.3		ug/L	50.0		20.5	28-158	Low Bias			
Diisopropyl ether (DIPE)	49.9		"	50.0		99.8	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	46.3		ug/L	50.0		92.6	84-125				
Ethyl tert-butyl ether (ETBE)	47.4		"	50.0		94.9	70-130				
Hexachlorobutadiene	45.5		"	50.0		91.0	83-133				
Iodomethane	41.1		"	50.0		82.3	70-130				
Isopropylbenzene	49.2		"	50.0		98.3	81-127				
Methyl acetate	47.2		"	50.0		94.3	41-143				
Methyl Methacrylate	49.0		"	50.0		97.9	79-125				
Methyl tert-butyl ether (MTBE)	44.3		"	50.0		88.6	74-131				
Methylcyclohexane	45.0		"	50.0		90.1	70-130				
Methylene chloride	45.6		"	50.0		91.2	57-141				
Naphthalene	50.8		"	50.0		102	86-141				
n-Butylbenzene	47.9		"	50.0		95.8	80-130				
n-Propylbenzene	49.0		"	50.0		98.0	74-136				
o-Xylene	46.1		"	50.0		92.1	83-123				
p- & m- Xylenes	91.8		"	100		91.8	82-128				
p-Diethylbenzene	49.1		"	50.0		98.1	70-144				
p-Ethyltoluene	51.5		"	50.0		103	84-123				
p-Isopropyltoluene	48.2		"	50.0		96.5	85-125				
sec-Butylbenzene	48.9		"	50.0		97.8	83-125				
Styrene	50.1		"	50.0		100	86-126				
tert-Amyl alcohol (TAA)	484		"	500		96.7	70-130				
tert-Amyl methyl ether (TAME)	46.3		"	50.0		92.5	70-130				
tert-Butyl alcohol (TBA)	223		"	250		89.1	70-130				
tert-Butylbenzene	43.9		"	50.0		87.8	80-127				
Tetrachloroethylene	40.0		"	50.0		80.0	80-129				
Tetrahydrofuran	49.2		"	50.0		98.5	64-137				
Toluene	47.5		"	50.0		94.9	85-121				
trans-1,2-Dichloroethylene	45.8		"	50.0		91.7	72-132				
trans-1,3-Dichloropropylene	39.9		"	50.0		79.7	78-132				
trans-1,4-dichloro-2-butene	50.4		"	50.0		101	75-135				
Trichloroethylene	46.0		"	50.0		92.0	84-123				
Trichlorofluoromethane	35.4		"	50.0		70.9	62-140				
Vinyl acetate	42.7		"	50.0		85.5	67-136				
Vinyl Chloride	32.6		"	50.0		65.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.3*		*"*	*50.0*		*88.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
LCS Dup (BL21751-BSD1)							Prepared & Analyzed: 12/30/2022				
1,1,1,2-Tetrachloroethane	48.6		ug/L	50.0		97.2	75-129		2.69	30	
1,1,1-Trichloroethane	43.6		"	50.0		87.2	71-137		2.20	30	
1,1,2,2-Tetrachloroethane	52.3		"	50.0		105	79-129		0.191	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.7		"	50.0		89.4	58-146		2.65	30	
1,1,2-Trichloroethane	48.4		"	50.0		96.8	83-123		1.81	30	
1,1-Dichloroethane	45.7		"	50.0		91.4	75-130		2.35	30	
1,1-Dichloroethylene	43.1		"	50.0		86.3	64-137		1.99	30	
1,1-Dichloropropylene	44.0		"	50.0		87.9	77-127		2.70	30	
1,2,3-Trichlorobenzene	50.5		"	50.0		101	81-140		1.50	30	
1,2,3-Trichloropropane	48.1		"	50.0		96.1	81-126		1.72	30	
1,2,4,5-Tetramethylbenzene	50.8		"	50.0		102	63-156		2.65	30	
1,2,4-Trichlorobenzene	53.4		"	50.0		107	80-141		2.99	30	
1,2,4-Trimethylbenzene	49.6		"	50.0		99.3	84-125		2.53	30	
1,2-Dibromo-3-chloropropane	46.3		"	50.0		92.6	74-142		2.05	30	
1,2-Dibromoethane	49.2		"	50.0		98.4	86-123		1.76	30	
1,2-Dichlorobenzene	51.0		"	50.0		102	85-122		1.36	30	
1,2-Dichloroethane	41.8		"	50.0		83.6	71-133		0.961	30	
1,2-Dichloropropane	50.2		"	50.0		100	81-122		0.860	30	
1,3,5-Trimethylbenzene	48.0		"	50.0		96.1	82-126		1.79	30	
1,3-Dichlorobenzene	51.6		"	50.0		103	84-124		1.82	30	
1,3-Dichloropropane	47.9		"	50.0		95.9	83-123		1.09	30	
1,4-Dichlorobenzene	51.5		"	50.0		103	84-124		3.10	30	
1,4-Dioxane	1080		"	1050		103	10-228		1.71	30	
2,2-Dichloropropane	43.9		"	50.0		87.9	67-136		1.08	30	
2-Butanone	49.1		"	50.0		98.2	58-147		5.36	30	
2-Chloroethylvinyl ether	53.6		"	50.0		107	10-166		3.14	30	
2-Chlorotoluene	49.0		"	50.0		98.0	78-127		3.11	30	
2-Hexanone	47.4		"	50.0		94.9	70-139		1.49	30	
4-Chlorotoluene	49.4		"	50.0		98.8	79-125		2.25	30	
4-Methyl-2-pentanone	48.2		"	50.0		96.4	72-132		2.95	30	
Acetone	32.6		"	50.0		65.2	36-155		3.58	30	
Acrolein	41.9		"	50.0		83.8	10-238		1.84	30	
Acrylonitrile	52.3		"	50.0		105	66-141		1.62	30	
Benzene	48.8		"	50.0		97.5	77-127		1.28	30	
Bromobenzene	48.7		"	50.0		97.3	77-129		0.742	30	
Bromochloromethane	48.5		"	50.0		96.9	74-129		3.16	30	
Bromodichloromethane	45.7		"	50.0		91.5	81-124		0.175	30	
Bromoform	39.5		"	50.0		78.9	80-136	Low Bias	1.56	30	
Bromomethane	37.6		"	50.0		75.2	32-177		0.160	30	
Carbon disulfide	49.8		"	50.0		99.6	10-136		0.700	30	
Carbon tetrachloride	44.2		"	50.0		88.3	66-143		2.62	30	
Chlorobenzene	51.5		"	50.0		103	86-120		2.48	30	
Chloroethane	43.1		"	50.0		86.2	51-142		2.61	30	
Chloroform	44.6		"	50.0		89.2	76-131		0.991	30	
Chloromethane	24.9		"	50.0		49.9	49-132		0.0802	30	
cis-1,2-Dichloroethylene	45.3		"	50.0		90.5	74-132		0.999	30	
cis-1,3-Dichloropropylene	48.5		"	50.0		97.1	81-129		1.79	30	
Cyclohexane	52.8		"	50.0		106	70-130		2.36	30	
Dibromochloromethane	40.7		"	50.0		81.5	10-200		0.0245	30	
Dibromomethane	45.8		"	50.0		91.6	83-124		0.350	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21751 - EPA 5035A											
LCS Dup (BL21751-BSD1)								Prepared & Analyzed: 12/30/2022			
Dichlorodifluoromethane	10.1		ug/L	50.0		20.1	28-158	Low Bias	1.87	30	
Diisopropyl ether (DIPE)	50.3		"	50.0		101	70-130		0.679	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	47.2		ug/L	50.0		94.5	84-125		1.95	30	
Ethyl tert-butyl ether (ETBE)	48.2		"	50.0		96.5	70-130		1.67	30	
Hexachlorobutadiene	47.4		"	50.0		94.8	83-133		4.07	30	
Iodomethane	42.3		"	50.0		84.6	70-130		2.73	30	
Isopropylbenzene	50.4		"	50.0		101	81-127		2.59	30	
Methyl acetate	47.7		"	50.0		95.3	41-143		1.08	30	
Methyl Methacrylate	48.7		"	50.0		97.4	79-125		0.532	30	
Methyl tert-butyl ether (MTBE)	44.6		"	50.0		89.2	74-131		0.675	30	
Methylcyclohexane	46.1		"	50.0		92.1	70-130		2.28	30	
Methylene chloride	46.6		"	50.0		93.2	57-141		2.10	30	
Naphthalene	51.8		"	50.0		104	86-141		1.95	30	
n-Butylbenzene	49.0		"	50.0		98.1	80-130		2.31	30	
n-Propylbenzene	50.3		"	50.0		101	74-136		2.54	30	
o-Xylene	47.3		"	50.0		94.6	83-123		2.66	30	
p- & m- Xylenes	93.8		"	100		93.8	82-128		2.11	30	
p-Diethylbenzene	50.3		"	50.0		101	70-144		2.40	30	
p-Ethyltoluene	52.6		"	50.0		105	84-123		1.98	30	
p-Isopropyltoluene	49.6		"	50.0		99.1	85-125		2.72	30	
sec-Butylbenzene	50.4		"	50.0		101	83-125		3.00	30	
Styrene	50.8		"	50.0		102	86-126		1.25	30	
tert-Amyl alcohol (TAA)	498		"	500		99.7	70-130		3.00	30	
tert-Amyl methyl ether (TAME)	46.5		"	50.0		93.1	70-130		0.582	30	
tert-Butyl alcohol (TBA)	233		"	250		93.4	70-130		4.73	30	
tert-Butylbenzene	44.9		"	50.0		89.9	80-127		2.36	30	
Tetrachloroethylene	40.9		"	50.0		81.7	80-129		2.10	30	
Tetrahydrofuran	48.1		"	50.0		96.2	64-137		2.32	30	
Toluene	48.9		"	50.0		97.8	85-121		2.93	30	
trans-1,2-Dichloroethylene	46.6		"	50.0		93.2	72-132		1.69	30	
trans-1,3-Dichloropropylene	40.7		"	50.0		81.4	78-132		2.11	30	
trans-1,4-dichloro-2-butene	51.4		"	50.0		103	75-135		1.95	30	
Trichloroethylene	46.7		"	50.0		93.4	84-123		1.42	30	
Trichlorofluoromethane	35.9		"	50.0		71.8	62-140		1.32	30	
Vinyl acetate	45.8		"	50.0		91.6	67-136		6.89	30	
Vinyl Chloride	33.0		"	50.0		66.0	52-130		1.07	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.1*		*"*	*50.0*		*88.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.1*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
Blank (BA30014-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Prepared: 01/03/2023 Analyzed: 01/04/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
Blank (BA30014-BLK1)											
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.67*		*73.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.22*		"	*1.67*		*73.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.622*		"	*0.833*		*74.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.611*		"	*0.833*		*73.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.67*		*75.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.705*		"	*0.833*		*84.6*	*24-116*				

Prepared: 01/03/2023 Analyzed: 01/04/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
LCS (BA30014-BS1)								Prepared: 01/03/2023 Analyzed: 01/04/2023			
1,1-Biphenyl	0.525	0.0417	mg/kg wet	0.833		63.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.560	0.0833	"	0.833		67.2	21-131				
1,2,4-Trichlorobenzene	0.543	0.0417	"	0.833		65.2	10-140				
1,2-Dichlorobenzene	0.513	0.0417	"	0.833		61.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.547	0.0417	"	0.833		65.7	17-137				
1,3-Dichlorobenzene	0.517	0.0417	"	0.833		62.0	33-110				
1,4-Dichlorobenzene	0.511	0.0417	"	0.833		61.4	32-104				
2,3,4,6-Tetrachlorophenol	0.612	0.0833	"	0.833		73.4	30-130				
2,4,5-Trichlorophenol	0.538	0.0417	"	0.833		64.5	27-118				
2,4,6-Trichlorophenol	0.528	0.0417	"	0.833		63.4	31-120				
2,4-Dichlorophenol	0.546	0.0417	"	0.833		65.5	20-127				
2,4-Dimethylphenol	0.556	0.0417	"	0.833		66.7	14-132				
2,4-Dinitrophenol	0.144	0.0833	"	0.833		17.3	10-171				
2,4-Dinitrotoluene	0.556	0.0417	"	0.833		66.8	34-131				
2,6-Dinitrotoluene	0.612	0.0417	"	0.833		73.4	31-128				
2-Chloronaphthalene	0.532	0.0417	"	0.833		63.9	31-117				
2-Chlorophenol	0.533	0.0417	"	0.833		64.0	33-113				
2-Methylnaphthalene	0.557	0.0417	"	0.833		66.8	12-138				
2-Methylphenol	0.546	0.0417	"	0.833		65.6	10-136				
2-Nitroaniline	0.554	0.0833	"	0.833		66.5	27-132				
2-Nitrophenol	0.522	0.0417	"	0.833		62.7	17-129				
3- & 4-Methylphenols	0.486	0.0417	"	0.833		58.3	29-103				
3,3-Dichlorobenzidine	0.363	0.0417	"	0.833		43.6	22-149				
3-Nitroaniline	0.445	0.0833	"	0.833		53.4	20-133				
4,6-Dinitro-2-methylphenol	0.451	0.0833	"	0.833		54.2	10-143				
4-Bromophenyl phenyl ether	0.499	0.0417	"	0.833		59.8	29-120				
4-Chloro-3-methylphenol	0.561	0.0417	"	0.833		67.4	24-129				
4-Chloroaniline	0.336	0.0417	"	0.833		40.3	10-132				
4-Chlorophenyl phenyl ether	0.522	0.0417	"	0.833		62.6	27-124				
4-Nitroaniline	0.479	0.0833	"	0.833		57.5	16-128				
4-Nitrophenol	0.563	0.0833	"	0.833		67.6	10-141				
Acenaphthene	0.535	0.0417	"	0.833		64.2	30-121				
Acenaphthylene	0.497	0.0417	"	0.833		59.6	30-115				
Acetophenone	0.517	0.0417	"	0.833		62.1	20-112				
Aniline	0.518	0.167	"	0.833		62.1	10-119				
Anthracene	0.566	0.0417	"	0.833		68.0	34-118				
Atrazine	0.508	0.0417	"	0.833		61.0	26-112				
Benzaldehyde	0.501	0.0417	"	0.833		60.1	21-100				
Benzo(a)anthracene	0.541	0.0417	"	0.833		64.9	32-122				
Benzo(a)pyrene	0.458	0.0417	"	0.833		54.9	29-133				
Benzo(b)fluoranthene	0.508	0.0417	"	0.833		60.9	25-133				
Benzo(g,h,i)perylene	0.511	0.0417	"	0.833		61.3	10-143				
Benzo(k)fluoranthene	0.533	0.0417	"	0.833		64.0	25-128				
Benzoic acid	ND	0.0417	"	0.833			10-140	Low Bias			
Benzyl alcohol	0.537	0.0417	"	0.833		64.4	30-115				
Benzyl butyl phthalate	0.547	0.0417	"	0.833		65.6	26-126				
Bis(2-chloroethoxy)methane	0.574	0.0417	"	0.833		68.8	19-132				
Bis(2-chloroethyl)ether	0.536	0.0417	"	0.833		64.3	19-125				
Bis(2-chloroisopropyl)ether	0.592	0.0417	"	0.833		71.0	20-135				
Bis(2-ethylhexyl)phthalate	0.559	0.0417	"	0.833		67.0	10-155				
Caprolactam	0.589	0.0833	"	0.833		70.7	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
LCS (BA30014-BS1)									Prepared: 01/03/2023 Analyzed: 01/04/2023		
Carbazole	0.569	0.0417	mg/kg wet	0.833		68.3	35-123				
Chrysene	0.542	0.0417	"	0.833		65.0	32-123				
Dibenzo(a,h)anthracene	0.478	0.0417	"	0.833		57.4	10-136				
Dibenzofuran	0.535	0.0417	"	0.833		64.2	29-121				
Diethyl phthalate	0.537	0.0417	"	0.833		64.5	34-116				
Dimethyl phthalate	0.542	0.0417	"	0.833		65.0	35-124				
Di-n-butyl phthalate	0.550	0.0417	"	0.833		66.0	31-116				
Di-n-octyl phthalate	0.518	0.0417	"	0.833		62.1	26-136				
Fluoranthene	0.518	0.0417	"	0.833		62.2	33-122				
Fluorene	0.533	0.0417	"	0.833		64.0	29-123				
Hexachlorobenzene	0.524	0.0417	"	0.833		62.8	21-124				
Hexachlorobutadiene	0.517	0.0417	"	0.833		62.0	10-149				
Hexachlorocyclopentadiene	0.400	0.0417	"	0.833		48.0	10-129				
Hexachloroethane	0.518	0.0417	"	0.833		62.2	28-108				
Indeno(1,2,3-cd)pyrene	0.477	0.0417	"	0.833		57.2	10-135				
Isophorone	0.594	0.0417	"	0.833		71.2	20-132				
Naphthalene	0.563	0.0417	"	0.833		67.6	23-124				
Nitrobenzene	0.572	0.0417	"	0.833		68.6	13-132				
N-Nitrosodimethylamine	0.520	0.0417	"	0.833		62.4	11-129				
N-nitroso-di-n-propylamine	0.547	0.0417	"	0.833		65.7	24-119				
N-Nitrosodiphenylamine	0.609	0.0417	"	0.833		73.1	22-152				
Pentachlorophenol	0.421	0.0417	"	0.833		50.6	10-139				
Phenanthrene	0.551	0.0417	"	0.833		66.1	33-123				
Phenol	0.546	0.0417	"	0.833		65.5	23-115				
Pyrene	0.542	0.0417	"	0.833		65.1	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.11*		"	*1.67*		*66.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.11*		"	*1.67*		*66.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.552*		"	*0.833*		*66.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.543*		"	*0.833*		*65.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.14*		"	*1.67*		*68.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.605*		"	*0.833*		*72.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
Matrix Spike (BA30014-MS1)	*Source sample: 22L1392-11 (SB-4B)							Prepared: 01/03/2023 Analyzed: 01/04/2023			
1,1-Biphenyl	0.773	0.114	mg/kg dry	1.14	ND	68.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.814	0.227	"	1.14	ND	71.6	10-133				
1,2,4-Trichlorobenzene	0.793	0.114	"	1.14	ND	69.8	10-127				
1,2-Dichlorobenzene	0.755	0.114	"	1.14	ND	66.5	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.805	0.114	"	1.14	ND	70.9	10-144				
1,3-Dichlorobenzene	0.754	0.114	"	1.14	ND	66.3	11-111				
1,4-Dichlorobenzene	0.753	0.114	"	1.14	ND	66.2	10-106				
2,3,4,6-Tetrachlorophenol	0.845	0.227	"	1.14	ND	74.4	30-130				
2,4,5-Trichlorophenol	0.748	0.114	"	1.14	ND	65.8	10-127				
2,4,6-Trichlorophenol	0.743	0.114	"	1.14	ND	65.4	10-132				
2,4-Dichlorophenol	0.777	0.114	"	1.14	ND	68.4	10-128				
2,4-Dimethylphenol	0.797	0.114	"	1.14	ND	70.2	10-137				
2,4-Dinitrophenol	0.614	0.227	"	1.14	ND	54.0	10-171				
2,4-Dinitrotoluene	0.737	0.114	"	1.14	ND	64.9	16-135				
2,6-Dinitrotoluene	0.833	0.114	"	1.14	ND	73.3	18-131				
2-Chloronaphthalene	0.776	0.114	"	1.14	ND	68.3	10-129				
2-Chlorophenol	0.776	0.114	"	1.14	ND	68.3	15-116				
2-Methylnaphthalene	0.819	0.114	"	1.14	ND	72.1	10-147				
2-Methylphenol	0.782	0.114	"	1.14	ND	68.8	10-136				
2-Nitroaniline	0.747	0.227	"	1.14	ND	65.8	10-137				
2-Nitrophenol	0.712	0.114	"	1.14	ND	62.6	10-129				
3- & 4-Methylphenols	0.703	0.114	"	1.14	ND	61.8	10-123				
3,3-Dichlorobenzidine	0.507	0.114	"	1.14	ND	44.6	10-155				
3-Nitroaniline	0.645	0.227	"	1.14	ND	56.8	12-133				
4,6-Dinitro-2-methylphenol	0.660	0.227	"	1.14	ND	58.1	10-155				
4-Bromophenyl phenyl ether	0.725	0.114	"	1.14	ND	63.8	14-128				
4-Chloro-3-methylphenol	0.809	0.114	"	1.14	ND	71.2	10-134				
4-Chloroaniline	0.549	0.114	"	1.14	ND	48.3	10-145				
4-Chlorophenyl phenyl ether	0.745	0.114	"	1.14	ND	65.6	14-130				
4-Nitroaniline	0.653	0.227	"	1.14	ND	57.4	10-147				
4-Nitrophenol	0.774	0.227	"	1.14	ND	68.1	10-137				
Acenaphthene	0.780	0.114	"	1.14	ND	68.6	10-146				
Acenaphthylene	0.718	0.114	"	1.14	ND	63.2	10-134				
Acetophenone	0.763	0.114	"	1.14	ND	67.1	10-116				
Aniline	0.720	0.455	"	1.14	ND	63.4	10-123				
Anthracene	0.825	0.114	"	1.14	ND	72.6	10-142				
Atrazine	0.729	0.114	"	1.14	ND	64.2	19-115				
Benzaldehyde	0.719	0.114	"	1.14	ND	63.3	10-125				
Benzo(a)anthracene	0.806	0.114	"	1.14	ND	71.0	10-158				
Benzo(a)pyrene	0.681	0.114	"	1.14	ND	59.9	10-180				
Benzo(b)fluoranthene	0.739	0.114	"	1.14	ND	65.0	10-200				
Benzo(g,h,i)perylene	0.763	0.114	"	1.14	ND	67.1	10-138				
Benzo(k)fluoranthene	0.792	0.114	"	1.14	ND	69.7	10-197				
Benzoic acid	0.195	0.114	"	1.14	ND	17.1	10-166				
Benzyl alcohol	0.762	0.114	"	1.14	ND	67.0	12-124				
Benzyl butyl phthalate	0.795	0.114	"	1.14	ND	69.9	10-154				
Bis(2-chloroethoxy)methane	0.843	0.114	"	1.14	ND	74.2	10-132				
Bis(2-chloroethyl)ether	0.801	0.114	"	1.14	ND	70.5	10-119				
Bis(2-chloroisopropyl)ether	0.895	0.114	"	1.14	ND	78.7	10-139				
Bis(2-ethylhexyl)phthalate	0.816	0.114	"	1.14	ND	71.8	10-167				
Caprolactam	0.827	0.227	"	1.14	ND	72.8	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
Matrix Spike (BA30014-MS1)	*Source sample: 22L1392-11 (SB-4B)								Prepared: 01/03/2023 Analyzed: 01/04/2023		
Carbazole	0.845	0.114	mg/kg dry	1.14	ND	74.3	10-167				
Chrysene	0.793	0.114	"	1.14	ND	69.8	10-156				
Dibenzo(a,h)anthracene	0.722	0.114	"	1.14	ND	63.5	10-137				
Dibenzofuran	0.775	0.114	"	1.14	ND	68.2	10-147				
Diethyl phthalate	0.780	0.114	"	1.14	ND	68.6	20-120				
Dimethyl phthalate	0.781	0.114	"	1.14	ND	68.7	18-131				
Di-n-butyl phthalate	0.808	0.114	"	1.14	ND	71.1	10-137				
Di-n-octyl phthalate	0.752	0.114	"	1.14	ND	66.2	10-180				
Fluoranthene	0.783	0.114	"	1.14	ND	68.9	10-160				
Fluorene	0.770	0.114	"	1.14	ND	67.8	10-157				
Hexachlorobenzene	0.778	0.114	"	1.14	ND	68.5	10-137				
Hexachlorobutadiene	0.749	0.114	"	1.14	ND	65.9	10-132				
Hexachlorocyclopentadiene	0.543	0.114	"	1.14	ND	47.8	10-106				
Hexachloroethane	0.738	0.114	"	1.14	ND	65.0	10-110				
Indeno(1,2,3-cd)pyrene	0.711	0.114	"	1.14	ND	62.6	10-144				
Isophorone	0.865	0.114	"	1.14	ND	76.2	10-132				
Naphthalene	0.825	0.114	"	1.14	ND	72.6	10-141				
Nitrobenzene	0.822	0.114	"	1.14	ND	72.3	10-131				
N-Nitrosodimethylamine	0.760	0.114	"	1.14	ND	66.9	10-126				
N-nitroso-di-n-propylamine	0.800	0.114	"	1.14	ND	70.4	10-125				
N-Nitrosodiphenylamine	0.884	0.114	"	1.14	ND	77.8	10-177				
Pentachlorophenol	0.635	0.114	"	1.14	ND	55.8	10-153				
Phenanthrene	0.825	0.114	"	1.14	ND	72.6	10-148				
Phenol	0.798	0.114	"	1.14	ND	70.2	10-126				
Pyrene	0.805	0.114	"	1.14	ND	70.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.66*		*"*	*2.27*		*73.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.66*		*"*	*2.27*		*73.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.814*		*"*	*1.14*		*71.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.805*		*"*	*1.14*		*70.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.64*		*"*	*2.27*		*72.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.918*		*"*	*1.14*		*80.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
Matrix Spike Dup (BA30014-MSD1)	*Source sample: 22L1392-11 (SB-4B)								Prepared: 01/03/2023 Analyzed: 01/04/2023		
1,1-Biphenyl	0.747	0.114	mg/kg dry	1.14	ND	65.8	10-130		3.35	30	
1,2,4,5-Tetrachlorobenzene	1.14	0.227	"	1.14	ND	99.9	10-133		33.0	30	Non-dir.
1,2,4-Trichlorobenzene	1.08	0.114	"	1.14	ND	95.0	10-127		30.6	30	Non-dir.
1,2-Dichlorobenzene	1.01	0.114	"	1.14	ND	89.3	14-111		29.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.14	0.114	"	1.14	ND	100	10-144		34.5	30	Non-dir.
1,3-Dichlorobenzene	1.02	0.114	"	1.14	ND	89.4	11-111		29.7	30	
1,4-Dichlorobenzene	1.03	0.114	"	1.14	ND	90.2	10-106		30.7	30	Non-dir.
2,3,4,6-Tetrachlorophenol	1.25	0.227	"	1.14	ND	110	30-130		38.9	30	Non-dir.
2,4,5-Trichlorophenol	1.07	0.114	"	1.14	ND	94.5	10-127		35.7	30	Non-dir.
2,4,6-Trichlorophenol	1.07	0.114	"	1.14	ND	93.9	10-132		35.9	30	Non-dir.
2,4-Dichlorophenol	1.09	0.114	"	1.14	ND	96.2	10-128		33.8	30	Non-dir.
2,4-Dimethylphenol	1.11	0.114	"	1.14	ND	98.0	10-137		33.1	30	Non-dir.
2,4-Dinitrophenol	1.01	0.227	"	1.14	ND	89.0	10-171		48.9	30	Non-dir.
2,4-Dinitrotoluene	1.13	0.114	"	1.14	ND	99.3	16-135		41.9	30	Non-dir.
2,6-Dinitrotoluene	1.24	0.114	"	1.14	ND	109	18-131		39.2	30	Non-dir.
2-Chloronaphthalene	1.11	0.114	"	1.14	ND	97.4	10-129		35.1	30	Non-dir.
2-Chlorophenol	1.05	0.114	"	1.14	ND	92.2	15-116		29.8	30	
2-Methylnaphthalene	1.14	0.114	"	1.14	ND	100	10-147		32.7	30	Non-dir.
2-Methylphenol	1.09	0.114	"	1.14	ND	96.0	10-136		33.0	30	Non-dir.
2-Nitroaniline	1.14	0.227	"	1.14	ND	100	10-137		41.5	30	Non-dir.
2-Nitrophenol	1.05	0.114	"	1.14	ND	92.4	10-129		38.4	30	Non-dir.
3- & 4-Methylphenols	0.963	0.114	"	1.14	ND	84.7	10-123		31.2	30	Non-dir.
3,3-Dichlorobenzidine	0.743	0.114	"	1.14	ND	65.4	10-155		37.7	30	Non-dir.
3-Nitroaniline	0.940	0.227	"	1.14	ND	82.7	12-133		37.2	30	Non-dir.
4,6-Dinitro-2-methylphenol	1.10	0.227	"	1.14	ND	97.1	10-155		50.3	30	Non-dir.
4-Bromophenyl phenyl ether	1.03	0.114	"	1.14	ND	90.2	14-128		34.4	30	Non-dir.
4-Chloro-3-methylphenol	1.12	0.114	"	1.14	ND	99.0	10-134		32.6	30	Non-dir.
4-Chloroaniline	0.822	0.114	"	1.14	ND	72.3	10-145		39.8	30	Non-dir.
4-Chlorophenyl phenyl ether	1.07	0.114	"	1.14	ND	93.9	14-130		35.5	30	Non-dir.
4-Nitroaniline	0.955	0.227	"	1.14	ND	84.0	10-147		37.6	30	Non-dir.
4-Nitrophenol	1.15	0.227	"	1.14	ND	101	10-137		39.4	30	Non-dir.
Acenaphthene	1.12	0.114	"	1.14	ND	98.2	10-146		35.4	30	Non-dir.
Acenaphthylene	1.03	0.114	"	1.14	ND	90.6	10-134		35.7	30	Non-dir.
Acetophenone	0.713	0.114	"	1.14	ND	62.7	10-116		6.78	30	
Aniline	1.01	0.455	"	1.14	ND	88.7	10-123		33.4	30	Non-dir.
Anthracene	1.17	0.114	"	1.14	ND	103	10-142		34.4	30	Non-dir.
Atrazine	0.672	0.114	"	1.14	ND	59.1	19-115		8.18	30	
Benzaldehyde	0.685	0.114	"	1.14	ND	60.3	10-125		4.79	30	
Benzo(a)anthracene	1.15	0.114	"	1.14	ND	101	10-158		34.7	30	Non-dir.
Benzo(a)pyrene	1.01	0.114	"	1.14	ND	88.5	10-180		38.5	30	Non-dir.
Benzo(b)fluoranthene	1.08	0.114	"	1.14	ND	95.4	10-200		37.8	30	Non-dir.
Benzo(g,h,i)perylene	1.14	0.114	"	1.14	ND	100	10-138		39.3	30	Non-dir.
Benzo(k)fluoranthene	1.12	0.114	"	1.14	ND	98.7	10-197		34.5	30	Non-dir.
Benzoic acid	0.236	0.114	"	1.14	ND	20.8	10-166		19.4	30	
Benzyl alcohol	1.07	0.114	"	1.14	ND	94.1	12-124		33.6	30	Non-dir.
Benzyl butyl phthalate	1.14	0.114	"	1.14	ND	101	10-154		36.0	30	Non-dir.
Bis(2-chloroethoxy)methane	1.15	0.114	"	1.14	ND	101	10-132		31.1	30	Non-dir.
Bis(2-chloroethyl)ether	1.07	0.114	"	1.14	ND	94.0	10-119		28.6	30	
Bis(2-chloroisopropyl)ether	1.19	0.114	"	1.14	ND	105	10-139		28.4	30	
Bis(2-ethylhexyl)phthalate	1.21	0.114	"	1.14	ND	106	10-167		38.7	30	Non-dir.
Caprolactam	0.800	0.227	"	1.14	ND	70.4	10-132		3.35	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30014 - EPA 3550C											
Matrix Spike Dup (BA30014-MSD1)	*Source sample: 22L1392-11 (SB-4B)								Prepared: 01/03/2023 Analyzed: 01/04/2023		
Carbazole	1.18	0.114	mg/kg dry	1.14	ND	104	10-167		32.9	30	Non-dir.
Chrysene	1.11	0.114	"	1.14	ND	97.8	10-156		33.5	30	Non-dir.
Dibenzo(a,h)anthracene	1.06	0.114	"	1.14	ND	93.6	10-137		38.3	30	Non-dir.
Dibenzofuran	1.09	0.114	"	1.14	ND	96.3	10-147		34.1	30	Non-dir.
Diethyl phthalate	1.08	0.114	"	1.14	ND	94.8	20-120		32.0	30	Non-dir.
Dimethyl phthalate	1.10	0.114	"	1.14	ND	96.5	18-131		33.6	30	Non-dir.
Di-n-butyl phthalate	1.12	0.114	"	1.14	ND	98.4	10-137		32.2	30	Non-dir.
Di-n-octyl phthalate	1.09	0.114	"	1.14	ND	96.2	10-180		37.0	30	Non-dir.
Fluoranthene	1.09	0.114	"	1.14	ND	96.2	10-160		33.1	30	Non-dir.
Fluorene	1.10	0.114	"	1.14	ND	96.6	10-157		35.1	30	Non-dir.
Hexachlorobenzene	1.10	0.114	"	1.14	ND	96.5	10-137		33.9	30	Non-dir.
Hexachlorobutadiene	1.03	0.114	"	1.14	ND	90.4	10-132		31.3	30	Non-dir.
Hexachlorocyclopentadiene	0.768	0.114	"	1.14	ND	67.6	10-106		34.4	30	Non-dir.
Hexachloroethane	1.01	0.114	"	1.14	ND	89.3	10-110		31.5	30	Non-dir.
Indeno(1,2,3-cd)pyrene	1.06	0.114	"	1.14	ND	93.0	10-144		39.2	30	Non-dir.
Isophorone	1.20	0.114	"	1.14	ND	106	10-132		32.5	30	Non-dir.
Naphthalene	1.14	0.114	"	1.14	ND	100	10-141		32.1	30	Non-dir.
Nitrobenzene	1.14	0.114	"	1.14	ND	100	10-131		32.6	30	Non-dir.
N-Nitrosodimethylamine	1.04	0.114	"	1.14	ND	91.6	10-126		31.2	30	Non-dir.
N-nitroso-di-n-propylamine	1.09	0.114	"	1.14	ND	95.8	10-125		30.6	30	Non-dir.
N-Nitrosodiphenylamine	1.26	0.114	"	1.14	ND	110	10-177		34.8	30	Non-dir.
Pentachlorophenol	0.941	0.114	"	1.14	ND	82.8	10-153		38.9	30	Non-dir.
Phenanthrene	1.16	0.114	"	1.14	ND	102	10-148		33.8	30	Non-dir.
Phenol	1.09	0.114	"	1.14	ND	96.2	10-126		31.2	30	Non-dir.
Pyrene	1.14	0.114	"	1.14	ND	100	10-165		34.3	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1.52*		*"*	*2.27*		*67.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.52*		*"*	*2.27*		*67.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.764*		*"*	*1.14*		*67.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.755*		*"*	*1.14*		*66.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		*"*	*2.27*		*67.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.852*		*"*	*1.14*		*75.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30018 - EPA 3546 SVOA											
Blank (BA30018-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Prepared: 01/03/2023 Analyzed: 01/04/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30018 - EPA 3546 SVOA											
Blank (BA30018-BLK1)											Prepared: 01/03/2023 Analyzed: 01/04/2023
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.67*		*62.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.03*		"	*1.67*		*61.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.508*		"	*0.833*		*61.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.525*		"	*0.833*		*63.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.04*		"	*1.67*		*62.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.578*		"	*0.833*		*69.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30018 - EPA 3546 SVOA											
LCS (BA30018-BS1)								Prepared: 01/03/2023 Analyzed: 01/04/2023			
1,1-Biphenyl	0.508	0.0417	mg/kg wet	0.833		61.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.597	0.0833	"	0.833		71.7	21-131				
1,2,4-Trichlorobenzene	0.583	0.0417	"	0.833		70.0	10-140				
1,2-Dichlorobenzene	0.539	0.0417	"	0.833		64.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.565	0.0417	"	0.833		67.8	17-137				
1,3-Dichlorobenzene	0.530	0.0417	"	0.833		63.6	33-110				
1,4-Dichlorobenzene	0.533	0.0417	"	0.833		64.0	32-104				
2,3,4,6-Tetrachlorophenol	0.569	0.0833	"	0.833		68.3	30-130				
2,4,5-Trichlorophenol	0.550	0.0417	"	0.833		66.0	27-118				
2,4,6-Trichlorophenol	0.543	0.0417	"	0.833		65.2	31-120				
2,4-Dichlorophenol	0.607	0.0417	"	0.833		72.9	20-127				
2,4-Dimethylphenol	0.587	0.0417	"	0.833		70.4	14-132				
2,4-Dinitrophenol	0.391	0.0833	"	0.833		46.9	10-171				
2,4-Dinitrotoluene	0.561	0.0417	"	0.833		67.3	34-131				
2,6-Dinitrotoluene	0.627	0.0417	"	0.833		75.2	31-128				
2-Chloronaphthalene	0.544	0.0417	"	0.833		65.3	31-117				
2-Chlorophenol	0.541	0.0417	"	0.833		64.9	33-113				
2-Methylnaphthalene	0.586	0.0417	"	0.833		70.3	12-138				
2-Methylphenol	0.562	0.0417	"	0.833		67.5	10-136				
2-Nitroaniline	0.573	0.0833	"	0.833		68.8	27-132				
2-Nitrophenol	0.526	0.0417	"	0.833		63.2	17-129				
3- & 4-Methylphenols	0.492	0.0417	"	0.833		59.1	29-103				
3,3-Dichlorobenzidine	0.469	0.0417	"	0.833		56.3	22-149				
3-Nitroaniline	0.467	0.0833	"	0.833		56.1	20-133				
4,6-Dinitro-2-methylphenol	0.466	0.0833	"	0.833		55.9	10-143				
4-Bromophenyl phenyl ether	0.576	0.0417	"	0.833		69.2	29-120				
4-Chloro-3-methylphenol	0.586	0.0417	"	0.833		70.3	24-129				
4-Chloroaniline	0.393	0.0417	"	0.833		47.1	10-132				
4-Chlorophenyl phenyl ether	0.559	0.0417	"	0.833		67.1	27-124				
4-Nitroaniline	0.521	0.0833	"	0.833		62.5	16-128				
4-Nitrophenol	0.506	0.0833	"	0.833		60.7	10-141				
Acenaphthene	0.538	0.0417	"	0.833		64.6	30-121				
Acenaphthylene	0.509	0.0417	"	0.833		61.0	30-115				
Acetophenone	0.490	0.0417	"	0.833		58.8	20-112				
Aniline	0.518	0.167	"	0.833		62.1	10-119				
Anthracene	0.583	0.0417	"	0.833		69.9	34-118				
Atrazine	0.557	0.0417	"	0.833		66.8	26-112				
Benzaldehyde	0.493	0.0417	"	0.833		59.2	21-100				
Benzo(a)anthracene	0.576	0.0417	"	0.833		69.1	32-122				
Benzo(a)pyrene	0.505	0.0417	"	0.833		60.6	29-133				
Benzo(b)fluoranthene	0.569	0.0417	"	0.833		68.2	25-133				
Benzo(g,h,i)perylene	0.557	0.0417	"	0.833		66.8	10-143				
Benzo(k)fluoranthene	0.556	0.0417	"	0.833		66.7	25-128				
Benzoic acid	0.294	0.0417	"	0.833		35.3	10-140				
Benzyl alcohol	0.534	0.0417	"	0.833		64.1	30-115				
Benzyl butyl phthalate	0.554	0.0417	"	0.833		66.4	26-126				
Bis(2-chloroethoxy)methane	0.562	0.0417	"	0.833		67.5	19-132				
Bis(2-chloroethyl)ether	0.528	0.0417	"	0.833		63.3	19-125				
Bis(2-chloroisopropyl)ether	0.512	0.0417	"	0.833		61.4	20-135				
Bis(2-ethylhexyl)phthalate	0.435	0.0417	"	0.833		52.2	10-155				
Caprolactam	0.547	0.0833	"	0.833		65.6	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30018 - EPA 3546 SVOA											
LCS (BA30018-BS1)								Prepared: 01/03/2023 Analyzed: 01/04/2023			
Carbazole	0.587	0.0417	mg/kg wet	0.833		70.4	35-123				
Chrysene	0.555	0.0417	"	0.833		66.6	32-123				
Dibenzo(a,h)anthracene	0.555	0.0417	"	0.833		66.6	10-136				
Dibenzofuran	0.555	0.0417	"	0.833		66.6	29-121				
Diethyl phthalate	0.545	0.0417	"	0.833		65.4	34-116				
Dimethyl phthalate	0.550	0.0417	"	0.833		66.0	35-124				
Di-n-butyl phthalate	0.549	0.0417	"	0.833		65.9	31-116				
Di-n-octyl phthalate	0.519	0.0417	"	0.833		62.3	26-136				
Fluoranthene	0.542	0.0417	"	0.833		65.1	33-122				
Fluorene	0.546	0.0417	"	0.833		65.5	29-123				
Hexachlorobenzene	0.540	0.0417	"	0.833		64.8	21-124				
Hexachlorobutadiene	0.587	0.0417	"	0.833		70.4	10-149				
Hexachlorocyclopentadiene	0.487	0.0417	"	0.833		58.4	10-129				
Hexachloroethane	0.519	0.0417	"	0.833		62.2	28-108				
Indeno(1,2,3-cd)pyrene	0.466	0.0417	"	0.833		55.9	10-135				
Isophorone	0.572	0.0417	"	0.833		68.6	20-132				
Naphthalene	0.579	0.0417	"	0.833		69.5	23-124				
Nitrobenzene	0.543	0.0417	"	0.833		65.2	13-132				
N-Nitrosodimethylamine	0.476	0.0417	"	0.833		57.2	11-129				
N-nitroso-di-n-propylamine	0.513	0.0417	"	0.833		61.5	24-119				
N-Nitrosodiphenylamine	0.688	0.0417	"	0.833		82.5	22-152				
Pentachlorophenol	0.525	0.0417	"	0.833		63.0	10-139				
Phenanthrene	0.563	0.0417	"	0.833		67.6	33-123				
Phenol	0.519	0.0417	"	0.833		62.3	23-115				
Pyrene	0.570	0.0417	"	0.833		68.4	24-130				
Surrogate: SURR: 2-Fluorophenol	*0.975*		"	*1.67*		*58.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.952*		"	*1.67*		*57.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.469*		"	*0.833*		*56.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.485*		"	*0.833*		*58.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.02*		"	*1.67*		*61.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.561*		"	*0.833*		*67.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA30018 - EPA 3546 SVOA

Matrix Spike (BA30018-MS1) *Source sample: 22L1503-06 (Matrix Spike) Prepared: 01/03/2023 Analyzed: 01/04/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.662	0.0941	mg/kg dry	0.940	ND	70.5	10-130				
1,2,4,5-Tetrachlorobenzene	0.758	0.188	"	0.940	ND	80.6	10-133				
1,2,4-Trichlorobenzene	0.726	0.0941	"	0.940	ND	77.3	10-127				
1,2-Dichlorobenzene	0.663	0.0941	"	0.940	ND	70.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.740	0.0941	"	0.940	ND	78.7	10-144				
1,3-Dichlorobenzene	0.650	0.0941	"	0.940	ND	69.2	11-111				
1,4-Dichlorobenzene	0.648	0.0941	"	0.940	ND	69.0	10-106				
2,3,4,6-Tetrachlorophenol	0.739	0.188	"	0.940	ND	78.6	30-130				
2,4,5-Trichlorophenol	0.712	0.0941	"	0.940	ND	75.8	10-127				
2,4,6-Trichlorophenol	0.675	0.0941	"	0.940	ND	71.8	10-132				
2,4-Dichlorophenol	0.744	0.0941	"	0.940	ND	79.1	10-128				
2,4-Dimethylphenol	0.747	0.0941	"	0.940	ND	79.4	10-137				
2,4-Dinitrophenol	0.470	0.188	"	0.940	ND	50.0	10-171				
2,4-Dinitrotoluene	0.735	0.0941	"	0.940	ND	78.2	16-135				
2,6-Dinitrotoluene	0.760	0.0941	"	0.940	ND	80.9	18-131				
2-Chloronaphthalene	0.690	0.0941	"	0.940	ND	73.4	10-129				
2-Chlorophenol	0.668	0.0941	"	0.940	ND	71.1	15-116				
2-Methylnaphthalene	1.03	0.0941	"	0.940	0.550	51.5	10-147				
2-Methylphenol	0.685	0.0941	"	0.940	ND	72.9	10-136				
2-Nitroaniline	0.663	0.188	"	0.940	ND	70.6	10-137				
2-Nitrophenol	0.657	0.0941	"	0.940	ND	69.9	10-129				
3- & 4-Methylphenols	0.599	0.0941	"	0.940	ND	63.8	10-123				
3,3-Dichlorobenzidine	0.594	0.0941	"	0.940	ND	63.2	10-155				
3-Nitroaniline	0.587	0.188	"	0.940	ND	62.5	12-133				
4,6-Dinitro-2-methylphenol	0.563	0.188	"	0.940	ND	59.9	10-155				
4-Bromophenyl phenyl ether	0.735	0.0941	"	0.940	ND	78.2	14-128				
4-Chloro-3-methylphenol	0.721	0.0941	"	0.940	ND	76.7	10-134				
4-Chloroaniline	0.551	0.0941	"	0.940	ND	58.6	10-145				
4-Chlorophenyl phenyl ether	0.722	0.0941	"	0.940	ND	76.8	14-130				
4-Nitroaniline	0.606	0.188	"	0.940	ND	64.5	10-147				
4-Nitrophenol	0.577	0.188	"	0.940	ND	61.4	10-137				
Acenaphthene	0.705	0.0941	"	0.940	0.0651	68.1	10-146				
Acenaphthylene	0.645	0.0941	"	0.940	ND	68.6	10-134				
Acetophenone	0.615	0.0941	"	0.940	ND	65.4	10-116				
Aniline	0.579	0.377	"	0.940	ND	61.6	10-123				
Anthracene	0.775	0.0941	"	0.940	ND	82.5	10-142				
Atrazine	0.762	0.0941	"	0.940	ND	81.1	19-115				
Benzaldehyde	0.619	0.0941	"	0.940	ND	65.8	10-125				
Benzo(a)anthracene	0.737	0.0941	"	0.940	ND	78.4	10-158				
Benzo(a)pyrene	0.661	0.0941	"	0.940	ND	70.3	10-180				
Benzo(b)fluoranthene	0.721	0.0941	"	0.940	ND	76.7	10-200				
Benzo(g,h,i)perylene	0.734	0.0941	"	0.940	ND	78.1	10-138				
Benzo(k)fluoranthene	0.741	0.0941	"	0.940	ND	78.8	10-197				
Benzoic acid	0.371	0.0941	"	0.940	ND	39.5	10-166				
Benzyl alcohol	0.656	0.0941	"	0.940	ND	69.8	12-124				
Benzyl butyl phthalate	0.690	0.0941	"	0.940	ND	73.4	10-154				
Bis(2-chloroethoxy)methane	0.699	0.0941	"	0.940	ND	74.3	10-132				
Bis(2-chloroethyl)ether	0.662	0.0941	"	0.940	ND	70.4	10-119				
Bis(2-chloroisopropyl)ether	0.632	0.0941	"	0.940	ND	67.2	10-139				
Bis(2-ethylhexyl)phthalate	0.547	0.0941	"	0.940	ND	58.2	10-167				
Caprolactam	0.699	0.188	"	0.940	ND	74.3	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30018 - EPA 3546 SVOA											
Matrix Spike (BA30018-MS1)	*Source sample: 22L1503-06 (Matrix Spike)							Prepared: 01/03/2023 Analyzed: 01/04/2023			
Carbazole	0.769	0.0941	mg/kg dry	0.940	ND	81.8	10-167				
Chrysene	0.750	0.0941	"	0.940	ND	79.8	10-156				
Dibenzo(a,h)anthracene	0.711	0.0941	"	0.940	ND	75.6	10-137				
Dibenzofuran	0.723	0.0941	"	0.940	ND	77.0	10-147				
Diethyl phthalate	0.697	0.0941	"	0.940	ND	74.2	20-120				
Dimethyl phthalate	0.693	0.0941	"	0.940	ND	73.7	18-131				
Di-n-butyl phthalate	0.735	0.0941	"	0.940	ND	78.2	10-137				
Di-n-octyl phthalate	0.662	0.0941	"	0.940	ND	70.4	10-180				
Fluoranthene	0.732	0.0941	"	0.940	ND	77.9	10-160				
Fluorene	0.753	0.0941	"	0.940	0.117	67.6	10-157				
Hexachlorobenzene	0.735	0.0941	"	0.940	ND	78.2	10-137				
Hexachlorobutadiene	0.735	0.0941	"	0.940	ND	78.2	10-132				
Hexachlorocyclopentadiene	0.578	0.0941	"	0.940	ND	61.5	10-106				
Hexachloroethane	0.653	0.0941	"	0.940	ND	69.5	10-110				
Indeno(1,2,3-cd)pyrene	0.828	0.0941	"	0.940	ND	88.1	10-144				
Isophorone	0.721	0.0941	"	0.940	ND	76.7	10-132				
Naphthalene	0.724	0.0941	"	0.940	ND	77.0	10-141				
Nitrobenzene	0.669	0.0941	"	0.940	ND	71.2	10-131				
N-Nitrosodimethylamine	0.579	0.0941	"	0.940	ND	61.6	10-126				
N-nitroso-di-n-propylamine	0.636	0.0941	"	0.940	ND	67.7	10-125				
N-Nitrosodiphenylamine	1.14	0.0941	"	0.940	ND	122	10-177				
Pentachlorophenol	0.627	0.0941	"	0.940	ND	66.7	10-153				
Phenanthrene	0.855	0.0941	"	0.940	0.240	65.4	10-148				
Phenol	0.666	0.0941	"	0.940	ND	70.9	10-126				
Pyrene	0.708	0.0941	"	0.940	ND	75.4	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.27*		"	*1.88*		*67.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.24*		"	*1.88*		*66.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.632*		"	*0.940*		*67.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.657*		"	*0.940*		*69.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.44*		"	*1.88*		*76.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.721*		"	*0.940*		*76.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA30018 - EPA 3546 SVOA

Matrix Spike Dup (BA30018-MSD1) *Source sample: 22L1503-06 (Matrix Spike Dup) Prepared: 01/03/2023 Analyzed: 01/04/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.502	0.0941	mg/kg dry	0.940	ND	53.4	10-130		27.5	30	
1,2,4,5-Tetrachlorobenzene	0.591	0.188	"	0.940	ND	62.9	10-133		24.7	30	
1,2,4-Trichlorobenzene	0.573	0.0941	"	0.940	ND	61.0	10-127		23.6	30	
1,2-Dichlorobenzene	0.517	0.0941	"	0.940	ND	55.0	14-111		24.9	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.561	0.0941	"	0.940	ND	59.7	10-144		27.5	30	
1,3-Dichlorobenzene	0.513	0.0941	"	0.940	ND	54.6	11-111		23.7	30	
1,4-Dichlorobenzene	0.514	0.0941	"	0.940	ND	54.7	10-106		23.0	30	
2,3,4,6-Tetrachlorophenol	0.611	0.188	"	0.940	ND	65.0	30-130		19.1	30	
2,4,5-Trichlorophenol	0.556	0.0941	"	0.940	ND	59.2	10-127		24.5	30	
2,4,6-Trichlorophenol	0.510	0.0941	"	0.940	ND	54.2	10-132		27.9	30	
2,4-Dichlorophenol	0.565	0.0941	"	0.940	ND	60.1	10-128		27.4	30	
2,4-Dimethylphenol	0.559	0.0941	"	0.940	ND	59.5	10-137		28.7	30	
2,4-Dinitrophenol	0.326	0.188	"	0.940	ND	34.7	10-171		36.1	30	Non-dir.
2,4-Dinitrotoluene	0.577	0.0941	"	0.940	ND	61.4	16-135		24.0	30	
2,6-Dinitrotoluene	0.561	0.0941	"	0.940	ND	59.7	18-131		30.2	30	Non-dir.
2-Chloronaphthalene	0.527	0.0941	"	0.940	ND	56.1	10-129		26.8	30	
2-Chlorophenol	0.510	0.0941	"	0.940	ND	54.2	15-116		26.9	30	
2-Methylnaphthalene	0.805	0.0941	"	0.940	0.550	27.1	10-147		24.9	30	
2-Methylphenol	0.518	0.0941	"	0.940	ND	55.1	10-136		27.7	30	
2-Nitroaniline	0.500	0.188	"	0.940	ND	53.2	10-137		28.1	30	
2-Nitrophenol	0.496	0.0941	"	0.940	ND	52.7	10-129		28.0	30	
3- & 4-Methylphenols	0.454	0.0941	"	0.940	ND	48.3	10-123		27.6	30	
3,3-Dichlorobenzidine	0.453	0.0941	"	0.940	ND	48.2	10-155		26.8	30	
3-Nitroaniline	0.471	0.188	"	0.940	ND	50.1	12-133		22.0	30	
4,6-Dinitro-2-methylphenol	0.410	0.188	"	0.940	ND	43.6	10-155		31.5	30	Non-dir.
4-Bromophenyl phenyl ether	0.559	0.0941	"	0.940	ND	59.5	14-128		27.2	30	
4-Chloro-3-methylphenol	0.547	0.0941	"	0.940	ND	58.2	10-134		27.4	30	
4-Chloroaniline	0.470	0.0941	"	0.940	ND	50.0	10-145		15.9	30	
4-Chlorophenyl phenyl ether	0.552	0.0941	"	0.940	ND	58.7	14-130		26.7	30	
4-Nitroaniline	0.490	0.188	"	0.940	ND	52.1	10-147		21.3	30	
4-Nitrophenol	0.430	0.188	"	0.940	ND	45.8	10-137		29.1	30	
Acenaphthene	0.550	0.0941	"	0.940	0.0651	51.6	10-146		24.8	30	
Acenaphthylene	0.494	0.0941	"	0.940	ND	52.6	10-134		26.5	30	
Acetophenone	0.463	0.0941	"	0.940	ND	49.3	10-116		28.2	30	
Aniline	0.461	0.377	"	0.940	ND	49.0	10-123		22.7	30	
Anthracene	0.571	0.0941	"	0.940	ND	60.8	10-142		30.3	30	Non-dir.
Atrazine	0.563	0.0941	"	0.940	ND	59.9	19-115		30.1	30	Non-dir.
Benzaldehyde	0.462	0.0941	"	0.940	ND	49.1	10-125		29.1	30	
Benzo(a)anthracene	0.545	0.0941	"	0.940	ND	58.0	10-158		29.9	30	
Benzo(a)pyrene	0.490	0.0941	"	0.940	ND	52.2	10-180		29.7	30	
Benzo(b)fluoranthene	0.544	0.0941	"	0.940	ND	57.8	10-200		28.1	30	
Benzo(g,h,i)perylene	0.541	0.0941	"	0.940	ND	57.5	10-138		30.3	30	Non-dir.
Benzo(k)fluoranthene	0.543	0.0941	"	0.940	ND	57.8	10-197		30.8	30	Non-dir.
Benzoic acid	0.111	0.0941	"	0.940	ND	11.8	10-166		108	30	Non-dir.
Benzyl alcohol	0.494	0.0941	"	0.940	ND	52.6	12-124		28.2	30	
Benzyl butyl phthalate	0.516	0.0941	"	0.940	ND	54.9	10-154		28.9	30	
Bis(2-chloroethoxy)methane	0.535	0.0941	"	0.940	ND	56.9	10-132		26.6	30	
Bis(2-chloroethyl)ether	0.493	0.0941	"	0.940	ND	52.5	10-119		29.2	30	
Bis(2-chloroisopropyl)ether	0.476	0.0941	"	0.940	ND	50.6	10-139		28.1	30	
Bis(2-ethylhexyl)phthalate	0.406	0.0941	"	0.940	ND	43.2	10-167		29.7	30	
Caprolactam	0.510	0.188	"	0.940	ND	54.2	10-132		31.2	30	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30018 - EPA 3546 SVOA											
Matrix Spike Dup (BA30018-MSD1)	*Source sample: 22L1503-06 (Matrix Spike Dup)								Prepared: 01/03/2023 Analyzed: 01/04/2023		
Carbazole	0.577	0.0941	mg/kg dry	0.940	ND	61.4	10-167		28.5	30	
Chrysene	0.534	0.0941	"	0.940	ND	56.8	10-156		33.6	30	Non-dir.
Dibenzo(a,h)anthracene	0.533	0.0941	"	0.940	ND	56.7	10-137		28.5	30	
Dibenzofuran	0.552	0.0941	"	0.940	ND	58.7	10-147		26.9	30	
Diethyl phthalate	0.541	0.0941	"	0.940	ND	57.5	20-120		25.3	30	
Dimethyl phthalate	0.535	0.0941	"	0.940	ND	57.0	18-131		25.6	30	
Di-n-butyl phthalate	0.559	0.0941	"	0.940	ND	59.5	10-137		27.2	30	
Di-n-octyl phthalate	0.484	0.0941	"	0.940	ND	51.5	10-180		31.0	30	Non-dir.
Fluoranthene	0.559	0.0941	"	0.940	ND	59.5	10-160		26.8	30	
Fluorene	0.583	0.0941	"	0.940	0.117	49.6	10-157		25.5	30	
Hexachlorobenzene	0.544	0.0941	"	0.940	ND	57.8	10-137		29.9	30	
Hexachlorobutadiene	0.557	0.0941	"	0.940	ND	59.3	10-132		27.6	30	
Hexachlorocyclopentadiene	0.425	0.0941	"	0.940	ND	45.2	10-106		30.6	30	Non-dir.
Hexachloroethane	0.503	0.0941	"	0.940	ND	53.5	10-110		26.0	30	
Indeno(1,2,3-cd)pyrene	0.623	0.0941	"	0.940	ND	66.2	10-144		28.3	30	
Isophorone	0.535	0.0941	"	0.940	ND	57.0	10-132		29.6	30	
Naphthalene	0.555	0.0941	"	0.940	ND	59.0	10-141		26.5	30	
Nitrobenzene	0.514	0.0941	"	0.940	ND	54.6	10-131		26.3	30	
N-Nitrosodimethylamine	0.431	0.0941	"	0.940	ND	45.8	10-126		29.3	30	
N-nitroso-di-n-propylamine	0.496	0.0941	"	0.940	ND	52.7	10-125		24.9	30	
N-Nitrosodiphenylamine	0.915	0.0941	"	0.940	ND	97.4	10-177		22.3	30	
Pentachlorophenol	0.456	0.0941	"	0.940	ND	48.6	10-153		31.5	30	Non-dir.
Phenanthrene	0.658	0.0941	"	0.940	0.240	44.4	10-148		26.0	30	
Phenol	0.524	0.0941	"	0.940	ND	55.8	10-126		23.9	30	
Pyrene	0.532	0.0941	"	0.940	ND	56.6	10-165		28.4	30	
Surrogate: SURR: 2-Fluorophenol	*0.914*		"	*1.88*		*48.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.916*		"	*1.88*		*48.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.466*		"	*0.940*		*49.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.474*		"	*0.940*		*50.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.02*		"	*1.88*		*54.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.530*		"	*0.940*		*56.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

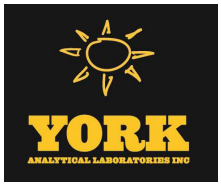
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30013 - EPA 3550C											
Blank (BA30013-BLK1)									Prepared: 01/03/2023 Analyzed: 01/04/2023		
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*320*		*"*	*500*		*64.0*	*39-127.5*				
LCS (BA30013-BS1)									Prepared: 01/03/2023 Analyzed: 01/04/2023		
1,4-Dioxane	519	20.0	ug/kg	500		104	40-130				
Surrogate: 1,4-Dioxane-d8	*270*		*"*	*500*		*54.0*	*39-127.5*				
Matrix Spike (BA30013-MS1)	*Source sample: 22L1392-13 (SB-5A)								Prepared: 01/03/2023 Analyzed: 01/04/2023		
1,4-Dioxane	507	19.6	ug/kg	490	ND	103	40-130				
Surrogate: 1,4-Dioxane-d8	*284*		*"*	*490*		*58.0*	*40-130*				
Matrix Spike Dup (BA30013-MSD1)	*Source sample: 22L1392-13 (SB-5A)								Prepared: 01/03/2023 Analyzed: 01/04/2023		
1,4-Dioxane	510	19.6	ug/kg	490	ND	104	40-130		0.579	30	
Surrogate: 1,4-Dioxane-d8	*245*		*"*	*490*		*50.0*	*40-130*				
Batch BA30090 - EPA 3550C											
Blank (BA30090-BLK1)									Prepared: 01/04/2023 Analyzed: 01/05/2023		
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*340*		*"*	*500*		*68.0*	*39-127.5*				
LCS (BA30090-BS1)									Prepared: 01/04/2023 Analyzed: 01/05/2023		
1,4-Dioxane	552	20.0	ug/kg	500		110	40-130				
Surrogate: 1,4-Dioxane-d8	*290*		*"*	*500*		*58.0*	*39-127.5*				
Matrix Spike (BA30090-MS1)	*Source sample: 22L1453-01 (Matrix Spike)								Prepared: 01/04/2023 Analyzed: 01/05/2023		
1,4-Dioxane	510	19.8	ug/kg	495	ND	103	40-130				
Surrogate: 1,4-Dioxane-d8	*327*		*"*	*495*		*66.0*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30090 - EPA 3550C											
Matrix Spike Dup (BA30090-MSD1)	*Source sample: 22L1453-01 (Matrix Spike Dup)								Prepared: 01/04/2023 Analyzed: 01/05/2023		
1,4-Dioxane	491	19.0	ug/kg	476	ND	103	40-130		3.69	30	
Surrogate: 1,4-Dioxane-d8	*295*		*"*	*476*		*62.0*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
Blank (BA30171-BLK1)											Prepared: 01/05/2023 Analyzed: 01/09/2023
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	8.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	8.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	8.00	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	8.00	"								
9CL-PF3ONS	ND	8.00	"								
ADONA	ND	8.00	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*51.0*		"	*46.6*		*110*	*25-150*				
Surrogate: M5PFHxA	*55.0*		"	*50.0*		*110*	*25-150*				
Surrogate: M4PFHpA	*53.4*		"	*50.0*		*107*	*25-150*				
Surrogate: M3PFHxS	*57.9*		"	*47.4*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*53.0*		"	*50.0*		*106*	*25-150*				
Surrogate: M6PFDA	*26.7*		"	*25.0*		*107*	*25-150*				
Surrogate: M7PFUdA	*22.0*		"	*25.0*		*87.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
Blank (BA30171-BLK1)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*19.0*		*ng/L*	*25.0*		*75.9*	*25-150*				
Surrogate: M2PFTeDA	*8.15*		*"*	*25.0*		*32.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*230*		*"*	*200*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*57.9*		*"*	*47.9*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*115*		*"*	*100*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*46.2*		*"*	*50.0*		*92.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.9*		*"*	*100*		*68.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.9*		*"*	*100*		*60.9*	*25-150*				
Surrogate: M2-6:2 FTS	*82.0*		*"*	*95.1*		*86.2*	*25-200*				
Surrogate: M2-8:2 FTS	*77.2*		*"*	*96.0*		*80.5*	*25-200*				
Surrogate: M9PFNA	*28.3*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*74.0*		*"*	*93.8*		*78.9*	*25-150*				
Surrogate: d-N-MeFOSA	*33.0*		*"*	*50.0*		*66.1*	*25-150*				
Surrogate: d-N-EtFOSA	*46.4*		*"*	*50.0*		*92.9*	*25-150*				
Surrogate: M3HFPO-DA	*192*		*"*	*200*		*96.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*123*		*"*	*500*		*24.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*179*		*"*	*500*		*35.9*	*25-150*				
LCS (BA30171-BS1)											
Perfluorobutanesulfonic acid (PFBS)	71.8	2.00	ng/L	70.8		101	50-150				
Perfluorohexanoic acid (PFHxA)	78.5	2.00	"	80.0		98.1	50-150				
Perfluoroheptanoic acid (PFHpA)	88.2	2.00	"	80.0		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	92.3	2.00	"	73.2		126	50-150				
Perfluorooctanoic acid (PFOA)	81.7	2.00	"	80.0		102	50-150				
Perfluorooctanesulfonic acid (PFOS)	72.6	2.00	"	74.4		97.6	50-150				
Perfluorononanoic acid (PFNA)	70.0	2.00	"	80.0		87.5	50-150				
Perfluorodecanoic acid (PFDA)	83.7	2.00	"	80.0		105	50-150				
Perfluoroundecanoic acid (PFUnA)	95.9	2.00	"	80.0		120	50-150				
Perfluorododecanoic acid (PFDoA)	85.9	2.00	"	80.0		107	50-150				
Perfluorotridecanoic acid (PFTrDA)	117	2.00	"	80.0		147	50-150				
Perfluorotetradecanoic acid (PFTA)	77.8	2.00	"	80.0		97.2	50-150				
N-MeFOSAA	81.3	2.00	"	80.0		102	50-150				
N-EtFOSAA	86.4	2.00	"	80.0		108	50-150				
Perfluoropentanoic acid (PFPeA)	162	4.00	"	160		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	89.8	2.00	"	80.0		112	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	80.7	2.00	"	76.4		106	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	57.3	2.00	"	77.2		74.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	304	8.00	"	304		99.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	312	8.00	"	307		101	50-150				
Perfluoro-n-butanoic acid (PFBA)	320	8.00	"	320		100	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	158	4.00	"	142		111	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	107	4.00	"	160		67.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	172	4.00	"	160		108	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	170	4.00	"	160		106	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	72.4	2.00	"	75.2		96.2	50-150				

Prepared: 01/05/2023 Analyzed: 01/09/2023

Prepared: 01/05/2023 Analyzed: 01/09/2023

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
LCS (BA30171-BS1)								Prepared: 01/05/2023 Analyzed: 01/09/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	294	8.00	ng/L	300		98.1	50-150				
HFPO-DA (Gen-X)	162	8.00	"	160		102	50-150				
11CL-PF3OUdS	129	8.00	"	151		85.2	50-150				
9CL-PF3ONS	175	8.00	"	150		117	50-150				
ADONA	172	8.00	"	151		114	50-150				
Perfluorododecanesulfonic acid (PFDoS)	34.6	2.00	"	77.6		44.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	83.4	2.00	"	76.8		109	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	383	5.00	"	320		120	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	2150	25.0	"	1600		134	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	2340	25.0	"	1600		146	50-150				
N-MeFOSE	799	20.0	"	800		99.9	50-150				
N-MeFOSA	91.2	2.00	"	80.0		114	50-150				
N-EtFOSE	850	20.0	"	800		106	50-150				
N-EtFOSA	64.0	0.200	"	80.0		80.0	50-150				
Surrogate: M3PFBS	*49.1*		"	*46.6*		*105*	*25-150*				
Surrogate: M5PFHxA	*55.7*		"	*50.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*49.4*		"	*50.0*		*98.9*	*25-150*				
Surrogate: M3PFHxS	*56.8*		"	*47.4*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*47.8*		"	*50.0*		*95.7*	*25-150*				
Surrogate: M6PFDA	*23.9*		"	*25.0*		*95.7*	*25-150*				
Surrogate: M7PFUdA	*17.9*		"	*25.0*		*71.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.0*		"	*25.0*		*60.2*	*25-150*				
Surrogate: M2PFTeDA	*7.96*		"	*25.0*		*31.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*219*		"	*200*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*54.0*		"	*47.9*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*110*		"	*100*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*41.3*		"	*50.0*		*82.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.0*		"	*100*		*68.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.2*		"	*100*		*60.2*	*25-150*				
Surrogate: M2-6:2 FTS	*88.5*		"	*95.1*		*93.0*	*25-200*				
Surrogate: M2-8:2 FTS	*83.0*		"	*96.0*		*86.5*	*25-200*				
Surrogate: M9PFNA	*26.7*		"	*25.0*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*77.9*		"	*93.8*		*83.0*	*25-150*				
Surrogate: d-N-MeFOSA	*29.0*		"	*50.0*		*58.0*	*25-150*				
Surrogate: d-N-EtFOSA	*45.2*		"	*50.0*		*90.4*	*25-150*				
Surrogate: M3HFPO-DA	*208*		"	*200*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*119*		"	*500*		*23.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*174*		"	*500*		*34.8*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
LCS (BA30171-BS2)								Prepared: 01/05/2023 Analyzed: 01/09/2023			
Perfluorobutanesulfonic acid (PFBS)	7.40	2.00	ng/L	7.08		105	50-150				
Perfluorohexanoic acid (PFHxA)	7.50	2.00	"	8.00		93.7	50-150				
Perfluoroheptanoic acid (PFHpA)	7.72	2.00	"	8.00		96.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.38	2.00	"	7.32		128	50-150				
Perfluorooctanoic acid (PFOA)	7.92	2.00	"	8.00		99.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	8.39	2.00	"	7.44		113	50-150				
Perfluorononanoic acid (PFNA)	6.11	2.00	"	8.00		76.4	50-150				
Perfluorodecanoic acid (PFDA)	8.30	2.00	"	8.00		104	50-150				
Perfluoroundecanoic acid (PFUnA)	8.15	2.00	"	8.00		102	50-150				
Perfluorododecanoic acid (PFDoA)	6.98	2.00	"	8.00		87.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	13.4	2.00	"	8.00		167	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	7.43	2.00	"	8.00		92.9	50-150				
N-MeFOSAA	7.13	2.00	"	8.00		89.2	50-150				
N-EtFOSAA	8.95	2.00	"	8.00		112	50-150				
Perfluoropentanoic acid (PFPeA)	16.1	4.00	"	16.0		100	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	8.39	2.00	"	8.00		105	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.74	2.00	"	7.64		101	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.42	2.00	"	7.72		70.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	31.7	8.00	"	30.4		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	35.3	8.00	"	30.7		115	50-150				
Perfluoro-n-butanoic acid (PFBA)	30.7	8.00	"	32.0		95.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.9	4.00	"	14.2		112	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.56	4.00	"	16.0		59.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.3	4.00	"	16.0		108	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	16.8	4.00	"	16.0		105	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.69	2.00	"	7.52		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	33.6	8.00	"	30.0		112	50-150				
HFPO-DA (Gen-X)	15.6	8.00	"	16.0		97.5	50-150				
11CL-PF3OUdS	12.2	8.00	"	15.1		80.9	50-150				
9CL-PF3ONS	17.0	8.00	"	15.0		114	50-150				
ADONA	18.2	8.00	"	15.1		120	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.01	2.00	"	7.76		38.9	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	9.23	2.00	"	7.68		120	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	38.2	5.00	"	32.0		119	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	211	25.0	"	160		132	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	227	25.0	"	160		142	50-150				
N-MeFOSE	70.4	20.0	"	80.0		88.1	50-150				
N-MeFOSA	8.40	2.00	"	8.00		105	50-150				
N-EtFOSE	86.0	20.0	"	80.0		108	50-150				
N-EtFOSA	27.9	0.200	"	8.00		349	50-150	High Bias			
Surrogate: M3PFBS	*47.5*		"	*46.6*		*102*	*25-150*				
Surrogate: M5PFHxA	*57.9*		"	*50.0*		*116*	*25-150*				
Surrogate: M4PFHpA	*54.0*		"	*50.0*		*108*	*25-150*				
Surrogate: M3PFHxS	*53.4*		"	*47.4*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*50.9*		"	*50.0*		*102*	*25-150*				
Surrogate: M6PFDA	*26.2*		"	*25.0*		*105*	*25-150*				
Surrogate: M7PFUdA	*23.0*		"	*25.0*		*91.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
LCS (BA30171-BS2)									Prepared: 01/05/2023 Analyzed: 01/09/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*19.6*		*ng/L*	*25.0*		*78.4*	*25-150*				
Surrogate: M2PFTeDA	*6.01*		*"*	*25.0*		*24.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*222*		*"*	*200*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.0*		*"*	*47.9*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114*		*"*	*100*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*45.4*		*"*	*50.0*		*90.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*64.3*		*"*	*100*		*64.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*56.4*		*"*	*100*		*56.4*	*25-150*				
Surrogate: M2-6:2 FTS	*76.7*		*"*	*95.1*		*80.7*	*25-200*				
Surrogate: M2-8:2 FTS	*71.0*		*"*	*96.0*		*74.0*	*25-200*				
Surrogate: M9PFNA	*29.5*		*"*	*25.0*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*65.3*		*"*	*93.8*		*69.6*	*25-150*				
Surrogate: d-N-MeFOSA	*29.2*		*"*	*50.0*		*58.3*	*25-150*				
Surrogate: d-N-EtFOSA	*36.1*		*"*	*50.0*		*72.2*	*25-150*				
Surrogate: M3HFPO-DA	*206*		*"*	*200*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*73.7*		*"*	*500*		*14.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*122*		*"*	*500*		*24.4*	*25-150*				
Duplicate (BA30171-DUP1)	*Source sample: 22L1383-02 (Duplicate)								Prepared: 01/05/2023 Analyzed: 01/09/2023		
Perfluorobutanesulfonic acid (PFBS)	78.9	1.86	ng/L		84.2				6.55	30	
Perfluorohexanoic acid (PFHxA)	447	1.86	"		474				5.83	30	
Perfluoroheptanoic acid (PFHpA)	385	1.86	"		401				3.91	30	
Perfluorooctanoic acid (PFOA)	565	1.86	"		564				0.0754	30	
Perfluorononanoic acid (PFNA)	186	1.86	"		181				3.15	30	
Perfluorodecanoic acid (PFDA)	16.2	1.86	"		18.6				13.6	30	
Perfluoroundecanoic acid (PFUnA)	51.5	1.86	"		53.5				3.92	30	
Perfluorododecanoic acid (PFDoA)	ND	1.86	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	1.06	1.86	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.86	"		ND					30	
N-MeFOSAA	ND	1.86	"		ND					30	
N-EtFOSAA	ND	1.86	"		ND					30	
Perfluoropentanoic acid (PFPeA)	679	3.72	"		692				1.86	30	
Perfluoro-1-octanesulfonamide (FOSA)	8.51	1.86	"		8.03				5.78	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	78.8	1.86	"		80.6				2.28	30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.86	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	258	7.44	"		265				2.81	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	42.5	7.44	"		37.3				13.0	30	
Perfluoro-n-butanoic acid (PFBA)	165	7.44	"		167				1.21	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.72	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.72	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.72	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.72	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	171	1.86	"		188				9.45	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.44	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
Duplicate (BA30171-DUP1)	*Source sample: 22L1383-02 (Duplicate)								Prepared: 01/05/2023 Analyzed: 01/09/2023		
HFPO-DA (Gen-X)	ND	7.44	ng/L		3.36					30	
11CL-PF3OUdS	ND	7.44	"		ND					30	
9CL-PF3ONS	ND	7.44	"		ND					30	
ADONA	ND	7.44	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.86	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	1.80	1.86	"		1.25				35.6	30	Non-dir.
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.65	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	23.3	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	23.3	"		ND					30	
N-MeFOSE	ND	18.6	"		ND					30	
N-MeFOSA	ND	1.86	"		ND					30	
N-EtFOSE	ND	18.6	"		ND					30	
N-EtFOSA	ND	0.186	"		ND					30	
Surrogate: M3PFBS	*51.0*		*"*	*43.4*		*118*	*25-150*				
Surrogate: M5PFHxA	*44.8*		*"*	*46.5*		*96.3*	*25-150*				
Surrogate: M4PFHpA	*40.2*		*"*	*46.5*		*86.4*	*25-150*				
Surrogate: M3PFHxS	*46.8*		*"*	*44.1*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*44.3*		*"*	*46.5*		*95.2*	*25-150*				
Surrogate: M6PFDA	*20.9*		*"*	*23.3*		*89.8*	*25-150*				
Surrogate: M7PFUdA	*16.8*		*"*	*23.3*		*72.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.7*		*"*	*23.3*		*58.8*	*25-150*				
Surrogate: M2PFTeDA	*7.92*		*"*	*23.3*		*34.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*196*		*"*	*186*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*47.3*		*"*	*44.6*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*94.8*		*"*	*93.1*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*58.8*		*"*	*46.5*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*93.1*		*"*	*93.1*		*100*	*25-150*				
Surrogate: d5-N-EtFOSAA	*84.9*		*"*	*93.1*		*91.2*	*25-150*				
Surrogate: M2-6:2 FTS	*83.9*		*"*	*88.5*		*94.8*	*25-200*				
Surrogate: M2-8:2 FTS	*80.0*		*"*	*89.3*		*89.5*	*25-200*				
Surrogate: M9PFNA	*26.6*		*"*	*23.3*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*126*		*"*	*87.3*		*145*	*25-150*				
Surrogate: d-N-MeFOSA	*37.8*		*"*	*46.5*		*81.3*	*25-150*				
Surrogate: d-N-EtFOSA	*43.3*		*"*	*46.5*		*93.1*	*25-150*				
Surrogate: M3HFPO-DA	*169*		*"*	*186*		*91.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*111*		*"*	*465*		*23.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*187*		*"*	*465*		*40.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30182 - EPA 1633 Prep											
Blank (BA30182-BLK1)											Prepared: 01/05/2023 Analyzed: 01/10/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.199	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.199	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.199	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.797	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.797	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.398	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.797	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.797	"								
9CL-PF3ONS	ND	0.797	"								
ADONA	ND	0.797	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.199	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.12*		"	*2.32*		*91.5*	*25-150*				
Surrogate: M5PFHxA	*2.47*		"	*2.49*		*99.4*	*25-150*				
Surrogate: M4PFHpA	*2.32*		"	*2.49*		*93.0*	*25-150*				
Surrogate: M3PFHxS	*2.44*		"	*2.36*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.37*		"	*2.49*		*95.4*	*25-150*				
Surrogate: M6PFDA	*1.13*		"	*1.25*		*90.7*	*25-150*				
Surrogate: M7PFUdA	*1.01*		"	*1.25*		*80.7*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30182 - EPA 1633 Prep											
Blank (BA30182-BLK1)								Prepared: 01/05/2023 Analyzed: 01/10/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.919*		*ug/kg wet*	*1.25*		*73.8*	*25-150*				
Surrogate: M2PFTeDA	*0.678*		*"*	*1.25*		*54.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.6*		*"*	*9.96*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.29*		*"*	*2.39*		*95.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.23*		*"*	*4.98*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.356*		*"*	*2.49*		*14.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.98*		*"*	*4.98*		*79.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.87*		*"*	*4.98*		*77.7*	*25-150*				
Surrogate: M2-6:2 FTS	*3.77*		*"*	*4.74*		*79.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.44*		*"*	*4.78*		*72.0*	*25-200*				
Surrogate: M9PFNA	*1.32*		*"*	*1.25*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*3.72*		*"*	*4.67*		*79.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.321*		*"*	*2.49*		*12.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.26*		*"*	*2.49*		*50.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.65*		*"*	*9.96*		*96.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*3.18*		*"*	*24.9*		*12.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.22*		*"*	*24.9*		*12.9*	*25-150*				
LCS (BA30182-BS1)								Prepared: 01/05/2023 Analyzed: 01/10/2023			
Perfluorobutanesulfonic acid (PFBS)	4.61	0.199	ug/kg wet	3.52		131	50-150				
Perfluorohexanoic acid (PFHxA)	5.06	0.199	"	3.98		127	50-150				
Perfluoroheptanoic acid (PFHpA)	5.38	0.199	"	3.98		135	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.81	0.199	"	3.64		160	50-150	High Bias			
Perfluorooctanoic acid (PFOA)	5.01	0.199	"	3.98		126	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.64	0.199	"	3.70		126	50-150				
Perfluorononanoic acid (PFNA)	3.63	0.199	"	3.98		91.3	50-150				
Perfluorodecanoic acid (PFDA)	4.72	0.199	"	3.98		119	50-150				
Perfluoroundecanoic acid (PFUnA)	5.53	0.199	"	3.98		139	50-150				
Perfluorododecanoic acid (PFDoA)	5.11	0.199	"	3.98		128	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.52	0.199	"	3.98		139	50-150				
Perfluorotetradecanoic acid (PFTA)	5.29	0.199	"	3.98		133	50-150				
N-MeFOSAA	4.43	0.199	"	3.98		111	50-150				
N-EtFOSAA	4.96	0.199	"	3.98		125	50-150				
Perfluoropentanoic acid (PFPeA)	10.3	0.398	"	7.95		130	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.84	0.199	"	3.98		122	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.30	0.199	"	3.80		140	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.70	0.199	"	3.84		122	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.9	0.795	"	15.1		125	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.7	0.795	"	15.3		116	50-150				
Perfluoro-n-butanoic acid (PFBA)	19.9	0.795	"	15.9		125	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	10.5	0.398	"	7.08		149	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.73	0.398	"	7.95		97.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	12.2	0.398	"	7.95		153	50-150	High Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.2	0.398	"	7.95		141	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.57	0.199	"	3.74		122	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30182 - EPA 1633 Prep											
LCS (BA30182-BS1)								Prepared: 01/05/2023 Analyzed: 01/10/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.5	0.795	ug/kg wet	14.9		117	50-150				
HFPO-DA (Gen-X)	11.3	0.795	"	7.95		142	50-150				
11CL-PF3OUdS	10.3	0.795	"	7.51		138	50-150				
9CL-PF3ONS	11.3	0.795	"	7.44		152	50-150	High Bias			
ADONA	12.4	0.795	"	7.51		165	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	3.75	0.199	"	3.86		97.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.56	0.199	"	3.82		146	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.09	0.994	"	15.9		19.5	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	29.4	4.97	"	79.5		37.0	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	37.6	4.97	"	79.5		47.2	50-150	Low Bias			
N-MeFOSE	47.9	1.99	"	39.8		120	50-150				
N-MeFOSA	6.91	0.199	"	3.98		174	50-150	High Bias			
N-EtFOSE	46.0	1.99	"	39.8		116	50-150				
N-EtFOSA	13.3	0.199	"	3.98		335	50-150	High Bias			
Surrogate: M3PFBS	*1.95*		"	*2.32*		*84.3*	*25-150*				
Surrogate: M5PFHxA	*2.38*		"	*2.49*		*95.7*	*25-150*				
Surrogate: M4PFHpA	*2.19*		"	*2.49*		*88.1*	*25-150*				
Surrogate: M3PFHxS	*2.19*		"	*2.36*		*92.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.22*		"	*2.49*		*89.5*	*25-150*				
Surrogate: M6PFDA	*1.15*		"	*1.24*		*92.4*	*25-150*				
Surrogate: M7PFUdA	*0.915*		"	*1.24*		*73.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.899*		"	*1.24*		*72.3*	*25-150*				
Surrogate: M2PFTeDA	*0.626*		"	*1.24*		*50.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.2*		"	*9.94*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.22*		"	*2.38*		*93.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.01*		"	*4.97*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.535*		"	*2.49*		*21.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.08*		"	*4.97*		*82.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.03*		"	*4.97*		*81.1*	*25-150*				
Surrogate: M2-6:2 FTS	*3.34*		"	*4.73*		*70.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.76*		"	*4.77*		*78.7*	*25-200*				
Surrogate: M9PFNA	*1.32*		"	*1.24*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*3.61*		"	*4.66*		*77.3*	*25-150*				
Surrogate: d-N-MeFOSA	*0.435*		"	*2.49*		*17.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		"	*2.49*		*62.6*	*25-150*				
Surrogate: M3HFPO-DA	*8.44*		"	*9.94*		*84.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.87*		"	*24.9*		*23.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*4.92*		"	*24.9*		*19.8*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30182 - EPA 1633 Prep											
LCS (BA30182-BS2)								Prepared: 01/05/2023 Analyzed: 01/10/2023			
Perfluorobutanesulfonic acid (PFBS)	0.433	0.196	ug/kg wet	0.348		125	50-150				
Perfluorohexanoic acid (PFHxA)	0.519	0.196	"	0.393		132	50-150				
Perfluoroheptanoic acid (PFHpA)	0.512	0.196	"	0.393		130	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.575	0.196	"	0.360		160	50-150	High Bias			
Perfluorooctanoic acid (PFOA)	0.509	0.196	"	0.393		129	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.513	0.196	"	0.365		141	50-150				
Perfluorononanoic acid (PFNA)	0.438	0.196	"	0.393		111	50-150				
Perfluorodecanoic acid (PFDA)	0.452	0.196	"	0.393		115	50-150				
Perfluoroundecanoic acid (PFUnA)	0.508	0.196	"	0.393		129	50-150				
Perfluorododecanoic acid (PFDoA)	0.511	0.196	"	0.393		130	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.565	0.196	"	0.393		144	50-150				
Perfluorotetradecanoic acid (PFTA)	0.444	0.196	"	0.393		113	50-150				
N-MeFOSAA	0.454	0.196	"	0.393		115	50-150				
N-EtFOSAA	0.509	0.196	"	0.393		129	50-150				
Perfluoropentanoic acid (PFPeA)	0.975	0.393	"	0.786		124	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.544	0.196	"	0.393		139	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.586	0.196	"	0.375		156	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	0.568	0.196	"	0.379		150	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.86	0.786	"	1.49		125	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.12	0.786	"	1.51		140	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.94	0.786	"	1.57		124	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.07	0.393	"	0.699		153	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.517	0.393	"	0.786		65.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.18	0.393	"	0.786		150	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.10	0.393	"	0.786		140	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.456	0.196	"	0.369		123	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.99	0.786	"	1.47		135	50-150				
HFPO-DA (Gen-X)	0.981	0.786	"	0.786		125	50-150				
11CL-PF3OUdS	0.885	0.786	"	0.743		119	50-150				
9CL-PF3ONS	1.04	0.786	"	0.735		141	50-150				
ADONA	1.12	0.786	"	0.743		151	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	0.338	0.196	"	0.381		88.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.541	0.196	"	0.377		143	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.982	"	1.57			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.28	4.91	"	7.86		29.0	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	2.51	4.91	"	7.86		31.9	50-150	Low Bias			
N-MeFOSE	5.04	1.96	"	3.93		128	50-150				
N-MeFOSA	ND	0.196	"	0.393			50-150	Low Bias			
N-EtFOSE	5.41	1.96	"	3.93		138	50-150				
N-EtFOSA	0.440	0.196	"	0.393		112	50-150				
Surrogate: M3PFBS	*1.88*		"	*2.29*		*82.2*	*25-150*				
Surrogate: M5PFHxA	*2.47*		"	*2.46*		*101*	*25-150*				
Surrogate: M4PFHpA	*2.37*		"	*2.46*		*96.5*	*25-150*				
Surrogate: M3PFHxS	*2.17*		"	*2.33*		*93.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.25*		"	*2.46*		*91.8*	*25-150*				
Surrogate: M6PFDA	*1.07*		"	*1.23*		*87.4*	*25-150*				
Surrogate: M7PFUdA	*0.873*		"	*1.23*		*71.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30182 - EPA 1633 Prep											
LCS (BA30182-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.773*		*ug/kg wet*	*1.23*		*62.9*	*25-150*				
Surrogate: M2PFTeDA	*0.652*		*"*	*1.23*		*53.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*9.82*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.94*		*"*	*2.35*		*82.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.35*		*"*	*4.91*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.284*		*"*	*2.46*		*11.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.89*		*"*	*4.91*		*79.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.92*		*"*	*4.91*		*79.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.38*		*"*	*4.67*		*72.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.12*		*"*	*4.72*		*66.2*	*25-200*				
Surrogate: M9PFNA	*1.16*		*"*	*1.23*		*94.3*	*25-150*				
Surrogate: M2-4:2 FTS	*3.48*		*"*	*4.61*		*75.5*	*25-150*				
Surrogate: d-N-MeFOSA	*0.226*		*"*	*2.46*		*9.21*	*25-150*				
Surrogate: d-N-EtFOSA	*1.09*		*"*	*2.46*		*44.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.73*		*"*	*9.82*		*99.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*3.30*		*"*	*24.6*		*13.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.03*		*"*	*24.6*		*12.3*	*25-150*				
Duplicate (BA30182-DUP1)	*Source sample: 22L1392-20 (SB-7A)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.212	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.212	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.212	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.212	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.212	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.212	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.212	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.212	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.212	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.212	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.212	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.212	"		ND					30	
N-MeFOSAA	ND	0.212	"		ND					30	
N-EtFOSAA	ND	0.212	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.424	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.212	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.212	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.212	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.848	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.848	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.848	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.424	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.424	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.424	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.424	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.212	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30182 - EPA 1633 Prep											
Duplicate (BA30182-DUP1)	*Source sample: 22L1392-20 (SB-7A)								Prepared: 01/05/2023 Analyzed: 01/11/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.848	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.848	"		ND					30	
11CL-PF3OUdS	ND	0.848	"		ND					30	
9CL-PF3ONS	ND	0.848	"		ND					30	
ADONA	ND	0.848	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.212	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.212	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.30	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.30	"		ND					30	
N-MeFOSE	ND	2.12	"		ND					30	
N-MeFOSA	0.314	0.212	"		ND					30	
N-EtFOSE	ND	2.12	"		ND					30	
N-EtFOSA	ND	0.212	"		ND					30	
Surrogate: M3PFBS	*2.31*		"	*2.47*		*93.3*	*25-150*				
Surrogate: M5PFHxA	*2.59*		"	*2.65*		*97.7*	*25-150*				
Surrogate: M4PFHpA	*2.47*		"	*2.65*		*93.0*	*25-150*				
Surrogate: M3PFHxS	*2.85*		"	*2.51*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.24*		"	*2.65*		*84.5*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.33*		*93.1*	*25-150*				
Surrogate: M7PFUdA	*1.09*		"	*1.33*		*81.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.33*		*77.3*	*25-150*				
Surrogate: M2PFTeDA	*0.719*		"	*1.33*		*54.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.7*		"	*10.6*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.80*		"	*2.54*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.33*		"	*5.30*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.107*		"	*2.65*		*4.05*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.30*		"	*5.30*		*81.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.97*		"	*5.30*		*74.9*	*25-150*				
Surrogate: M2-6:2 FTS	*3.94*		"	*5.04*		*78.2*	*25-200*				
Surrogate: M2-8:2 FTS	*4.25*		"	*5.09*		*83.5*	*25-200*				
Surrogate: M9PFNA	*1.47*		"	*1.33*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*3.92*		"	*4.97*		*78.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.104*		"	*2.65*		*3.94*	*25-150*				
Surrogate: d-N-EtFOSA	*1.08*		"	*2.65*		*40.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.77*		"	*10.6*		*92.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*1.46*		"	*26.5*		*5.50*	*25-150*				
Surrogate: d7-N-MeFOSE	*1.58*		"	*26.5*		*5.95*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30183 - EPA 1633 Prep											
Blank (BA30183-BLK1)											Prepared: 01/05/2023 Analyzed: 01/11/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.200	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.200	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.200	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.800	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.800	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.400	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.800	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.800	"								
9CL-PF3ONS	ND	0.800	"								
ADONA	ND	0.800	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.200	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.200	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	0.217	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*1.50*		"	*2.33*		*64.6*	*25-150*				
Surrogate: M5PFHxA	*1.68*		"	*2.50*		*67.3*	*25-150*				
Surrogate: M4PFHpA	*1.55*		"	*2.50*		*62.2*	*25-150*				
Surrogate: M3PFHxS	*1.51*		"	*2.37*		*63.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.31*		"	*2.50*		*52.4*	*25-150*				
Surrogate: M6PFDA	*0.762*		"	*1.25*		*60.9*	*25-150*				
Surrogate: M7PFUdA	*0.652*		"	*1.25*		*52.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30183 - EPA 1633 Prep											
Blank (BA30183-BLK1)											Prepared: 01/05/2023 Analyzed: 01/11/2023
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.545*		*ug/kg wet*	*1.25*		*43.6*	*25-150*				
Surrogate: M2PFTeDA	*0.504*		*"*	*1.25*		*40.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.56*		*"*	*10.0*		*85.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.52*		*"*	*2.40*		*63.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.02*		*"*	*5.00*		*80.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.211*		*"*	*2.50*		*8.43*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.60*		*"*	*5.00*		*52.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.80*		*"*	*5.00*		*56.1*	*25-150*				
Surrogate: M2-6:2 FTS	*2.09*		*"*	*4.76*		*44.0*	*25-200*				
Surrogate: M2-8:2 FTS	*2.36*		*"*	*4.80*		*49.2*	*25-200*				
Surrogate: M9PFNA	*0.789*		*"*	*1.25*		*63.1*	*25-150*				
Surrogate: M2-4:2 FTS	*2.55*		*"*	*4.69*		*54.4*	*25-150*				
Surrogate: d-N-MeFOSA	*0.171*		*"*	*2.50*		*6.85*	*25-150*				
Surrogate: d-N-EtFOSA	*0.454*		*"*	*2.50*		*18.2*	*25-150*				
Surrogate: M3HFPO-DA	*6.33*		*"*	*10.0*		*63.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*2.48*		*"*	*25.0*		*9.90*	*25-150*				
Surrogate: d7-N-MeFOSE	*2.25*		*"*	*25.0*		*9.01*	*25-150*				
LCS (BA30183-BS1)											Prepared: 01/05/2023 Analyzed: 01/11/2023
Perfluorobutanesulfonic acid (PFBS)	3.87	0.196	ug/kg wet	3.48		111	50-150				
Perfluorohexanoic acid (PFHxA)	4.16	0.196	"	3.93		106	50-150				
Perfluoroheptanoic acid (PFHpA)	4.72	0.196	"	3.93		120	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.18	0.196	"	3.60		144	50-150				
Perfluorooctanoic acid (PFOA)	4.51	0.196	"	3.93		115	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.89	0.196	"	3.65		106	50-150				
Perfluorononanoic acid (PFNA)	3.64	0.196	"	3.93		92.6	50-150				
Perfluorodecanoic acid (PFDA)	4.55	0.196	"	3.93		116	50-150				
Perfluoroundecanoic acid (PFUnA)	4.69	0.196	"	3.93		119	50-150				
Perfluorododecanoic acid (PFDoA)	4.75	0.196	"	3.93		121	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.61	0.196	"	3.93		117	50-150				
Perfluorotetradecanoic acid (PFTA)	4.29	0.196	"	3.93		109	50-150				
N-MeFOSAA	4.37	0.196	"	3.93		111	50-150				
N-EtFOSAA	4.37	0.196	"	3.93		111	50-150				
Perfluoropentanoic acid (PFPeA)	8.90	0.393	"	7.86		113	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.97	0.196	"	3.93		101	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.25	0.196	"	3.75		113	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.84	0.196	"	3.79		101	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.1	0.786	"	14.9		121	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.1	0.786	"	15.1		113	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.3	0.786	"	15.7		110	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.49	0.393	"	6.99		121	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.29	0.393	"	7.86		67.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.72	0.393	"	7.86		124	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.21	0.393	"	7.86		117	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.08	0.196	"	3.69		110	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30183 - EPA 1633 Prep											
LCS (BA30183-BS1)								Prepared: 01/05/2023 Analyzed: 01/11/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.9	0.786	ug/kg wet	14.7		108	50-150				
HFPO-DA (Gen-X)	9.20	0.786	"	7.86		117	50-150				
11CL-PF3OUdS	8.40	0.786	"	7.43		113	50-150				
9CL-PF3ONS	9.49	0.786	"	7.35		129	50-150				
ADONA	9.93	0.786	"	7.43		134	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.35	0.196	"	3.81		88.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.45	0.196	"	3.77		118	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.15	0.982	"	15.7		26.4	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	29.2	4.91	"	78.6		37.1	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	36.3	4.91	"	78.6		46.2	50-150	Low Bias			
N-MeFOSE	43.8	1.96	"	39.3		111	50-150				
N-MeFOSA	4.44	0.196	"	3.93		113	50-150				
N-EtFOSE	40.9	1.96	"	39.3		104	50-150				
N-EtFOSA	1.89	0.196	"	3.93		48.0	50-150	Low Bias			
Surrogate: M3PFBS	*2.36*		"	*2.29*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.46*		"	*2.46*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.30*		"	*2.46*		*93.5*	*25-150*				
Surrogate: M3PFHxS	*2.46*		"	*2.33*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.02*		"	*2.46*		*82.2*	*25-150*				
Surrogate: M6PFDA	*1.11*		"	*1.23*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*0.916*		"	*1.23*		*74.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.787*		"	*1.23*		*64.1*	*25-150*				
Surrogate: M2PFTeDA	*0.755*		"	*1.23*		*61.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.49*		"	*9.82*		*96.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.21*		"	*2.35*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.90*		"	*4.91*		*99.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.443*		"	*2.46*		*18.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.61*		"	*4.91*		*73.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.63*		"	*4.91*		*73.9*	*25-150*				
Surrogate: M2-6:2 FTS	*3.59*		"	*4.67*		*77.0*	*25-200*				
Surrogate: M2-8:2 FTS	*4.58*		"	*4.72*		*97.2*	*25-200*				
Surrogate: M9PFNA	*1.16*		"	*1.23*		*94.1*	*25-150*				
Surrogate: M2-4:2 FTS	*4.10*		"	*4.61*		*89.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.379*		"	*2.46*		*15.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.24*		"	*2.46*		*50.4*	*25-150*				
Surrogate: M3HFPO-DA	*8.79*		"	*9.82*		*89.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.00*		"	*24.6*		*16.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.47*		"	*24.6*		*14.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30183 - EPA 1633 Prep											
LCS (BA30183-BS2)								Prepared: 01/05/2023 Analyzed: 01/11/2023			
Perfluorobutanesulfonic acid (PFBS)	0.412	0.200	ug/kg wet	0.353		117	50-150				
Perfluorohexanoic acid (PFHxA)	0.451	0.200	"	0.399		113	50-150				
Perfluoroheptanoic acid (PFHpA)	0.459	0.200	"	0.399		115	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.518	0.200	"	0.365		142	50-150				
Perfluorooctanoic acid (PFOA)	0.441	0.200	"	0.399		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.366	0.200	"	0.371		98.5	50-150				
Perfluorononanoic acid (PFNA)	0.383	0.200	"	0.399		95.9	50-150				
Perfluorodecanoic acid (PFDA)	0.461	0.200	"	0.399		116	50-150				
Perfluoroundecanoic acid (PFUnA)	0.438	0.200	"	0.399		110	50-150				
Perfluorododecanoic acid (PFDoA)	0.423	0.200	"	0.399		106	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.491	0.200	"	0.399		123	50-150				
Perfluorotetradecanoic acid (PFTA)	0.413	0.200	"	0.399		104	50-150				
N-MeFOSAA	0.406	0.200	"	0.399		102	50-150				
N-EtFOSAA	0.446	0.200	"	0.399		112	50-150				
Perfluoropentanoic acid (PFPeA)	0.870	0.399	"	0.798		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.352	0.200	"	0.399		88.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.200	"	0.381		99.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.375	0.200	"	0.385		97.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.61	0.798	"	1.52		106	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.83	0.798	"	1.53		120	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.63	0.798	"	1.60		102	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.896	0.399	"	0.711		126	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.680	0.399	"	0.798		85.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.912	0.399	"	0.798		114	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.919	0.399	"	0.798		115	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.407	0.200	"	0.375		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.81	0.798	"	1.50		121	50-150				
HFPO-DA (Gen-X)	0.992	0.798	"	0.798		124	50-150				
11CL-PF3OUdS	0.847	0.798	"	0.754		112	50-150				
9CL-PF3ONS	1.01	0.798	"	0.747		135	50-150				
ADONA	1.05	0.798	"	0.754		139	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.283	0.200	"	0.387		73.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.439	0.200	"	0.383		115	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"	1.60			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.93	4.99	"	7.98		36.7	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.66	4.99	"	7.98		45.8	50-150	Low Bias			
N-MeFOSE	4.86	2.00	"	3.99		122	50-150				
N-MeFOSA	0.470	0.200	"	0.399		118	50-150				
N-EtFOSE	3.76	2.00	"	3.99		94.2	50-150				
N-EtFOSA	ND	0.200	"	0.399			50-150	Low Bias			
Surrogate: M3PFBS	*2.13*		"	*2.33*		*91.6*	*25-150*				
Surrogate: M5PFHxA	*2.37*		"	*2.50*		*95.0*	*25-150*				
Surrogate: M4PFHpA	*2.36*		"	*2.50*		*94.4*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.37*		*96.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.09*		"	*2.50*		*83.8*	*25-150*				
Surrogate: M6PFDA	*1.13*		"	*1.25*		*90.7*	*25-150*				
Surrogate: M7PFUdA	*1.01*		"	*1.25*		*81.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30183 - EPA 1633 Prep											
LCS (BA30183-BS2)									Prepared: 01/05/2023 Analyzed: 01/11/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.884*		*ug/kg wet*	*1.25*		*70.9*	*25-150*				
Surrogate: M2PFTeDA	*0.672*		*"*	*1.25*		*53.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.82*		*"*	*9.98*		*98.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.58*		*"*	*2.39*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.13*		*"*	*4.99*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.506*		*"*	*2.50*		*20.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.27*		*"*	*4.99*		*85.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.05*		*"*	*4.99*		*81.1*	*25-150*				
Surrogate: M2-6:2 FTS	*3.47*		*"*	*4.75*		*73.2*	*25-200*				
Surrogate: M2-8:2 FTS	*3.89*		*"*	*4.79*		*81.1*	*25-200*				
Surrogate: M9PFNA	*1.17*		*"*	*1.25*		*93.4*	*25-150*				
Surrogate: M2-4:2 FTS	*3.68*		*"*	*4.68*		*78.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.408*		*"*	*2.50*		*16.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.07*		*"*	*2.50*		*42.7*	*25-150*				
Surrogate: M3HFPO-DA	*8.26*		*"*	*9.98*		*82.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*3.58*		*"*	*25.0*		*14.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.66*		*"*	*25.0*		*14.6*	*25-150*				
Duplicate (BA30183-DUP1)	*Source sample: 22L1453-01 (Duplicate)								Prepared: 01/05/2023 Analyzed: 01/11/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.224	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	0.103	0.224	"		0.102				1.45	30	
Perfluoroheptanoic acid (PFHpA)	ND	0.224	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.224	"		ND					30	
Perfluorooctanoic acid (PFOA)	0.202	0.224	"		0.214				6.13	30	
Perfluorooctanesulfonic acid (PFOS)	0.755	0.224	"		0.732				3.03	30	
Perfluorononanoic acid (PFNA)	ND	0.224	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.224	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.224	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.224	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.224	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.224	"		ND					30	
N-MeFOSAA	ND	0.224	"		ND					30	
N-EtFOSAA	ND	0.224	"		ND					30	
Perfluoropentanoic acid (PFPeA)	0.144	0.447	"		0.162				11.3	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.224	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.224	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.224	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.895	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.895	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.895	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.447	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.447	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.447	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.447	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.224	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30183 - EPA 1633 Prep											
Duplicate (BA30183-DUP1)	*Source sample: 22L1453-01 (Duplicate)								Prepared: 01/05/2023 Analyzed: 01/11/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.895	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.895	"		ND					30	
11CL-PF3OUdS	ND	0.895	"		ND					30	
9CL-PF3ONS	ND	0.895	"		ND					30	
ADONA	ND	0.895	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.224	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.224	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.12	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.59	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.59	"		ND					30	
N-MeFOSE	ND	2.24	"		ND					30	
N-MeFOSA	ND	0.224	"		0.251					30	
N-EtFOSE	ND	2.24	"		ND					30	
N-EtFOSA	0.409	0.224	"		0.288				34.7	30	Non-dir.
Surrogate: M3PFBS	*2.51*		"	*2.61*		*96.2*	*25-150*				
Surrogate: M5PFHxA	*2.53*		"	*2.80*		*90.7*	*25-150*				
Surrogate: M4PFHpA	*2.57*		"	*2.80*		*91.7*	*25-150*				
Surrogate: M3PFHxS	*2.83*		"	*2.65*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.80*		*89.3*	*25-150*				
Surrogate: M6PFDA	*1.15*		"	*1.40*		*82.5*	*25-150*				
Surrogate: M7PFUdA	*1.13*		"	*1.40*		*80.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.923*		"	*1.40*		*66.1*	*25-150*				
Surrogate: M2PFTeDA	*0.618*		"	*1.40*		*44.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.97*		"	*11.2*		*89.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.88*		"	*2.68*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.16*		"	*5.59*		*92.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.125*		"	*2.80*		*4.46*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.21*		"	*5.59*		*75.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.63*		"	*5.59*		*82.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.39*		"	*5.32*		*82.6*	*25-200*				
Surrogate: M2-8:2 FTS	*5.24*		"	*5.37*		*97.6*	*25-200*				
Surrogate: M9PFNA	*1.38*		"	*1.40*		*98.5*	*25-150*				
Surrogate: M2-4:2 FTS	*4.37*		"	*5.24*		*83.3*	*25-150*				
Surrogate: d-N-MeFOSA	*0.146*		"	*2.80*		*5.23*	*25-150*				
Surrogate: d-N-EtFOSA	*1.13*		"	*2.80*		*40.5*	*25-150*				
Surrogate: M3HFPO-DA	*8.87*		"	*11.2*		*79.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*1.25*		"	*28.0*		*4.49*	*25-150*				
Surrogate: d7-N-MeFOSE	*1.17*		"	*28.0*		*4.17*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21744 - EPA 3550C											
Blank (BL21744-BLK1)											Prepared: 12/30/2022 Analyzed: 01/03/2023
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0516*		*"*	*0.0667*		*77.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0667*		*85.7*	*30-150*				
LCS (BL21744-BS1)											Prepared: 12/30/2022 Analyzed: 01/03/2023
4,4'-DDD	0.0274	0.00165	mg/kg wet	0.0333		82.2	40-140				
4,4'-DDE	0.0265	0.00165	"	0.0333		79.4	40-140				
4,4'-DDT	0.0236	0.00165	"	0.0333		70.7	40-140				
Aldrin	0.0253	0.00165	"	0.0333		76.0	40-140				
alpha-BHC	0.0228	0.00165	"	0.0333		68.3	40-140				
alpha-Chlordane	0.0274	0.00165	"	0.0333		82.3	40-140				
beta-BHC	0.0307	0.00165	"	0.0333		92.0	40-140				
delta-BHC	0.0297	0.00165	"	0.0333		89.2	40-140				
Dieldrin	0.0291	0.00165	"	0.0333		87.3	40-140				
Endosulfan I	0.0281	0.00165	"	0.0333		84.2	40-140				
Endosulfan II	0.0286	0.00165	"	0.0333		85.8	40-140				
Endosulfan sulfate	0.0296	0.00165	"	0.0333		88.7	40-140				
Endrin	0.0277	0.00165	"	0.0333		83.1	40-140				
Endrin aldehyde	0.0287	0.00165	"	0.0333		86.1	40-140				
Endrin ketone	0.0293	0.00165	"	0.0333		87.8	40-140				
gamma-BHC (Lindane)	0.0270	0.00165	"	0.0333		81.1	40-140				
gamma-Chlordane	0.0272	0.00165	"	0.0333		81.7	40-140				
Heptachlor	0.0264	0.00165	"	0.0333		79.3	40-140				
Heptachlor epoxide	0.0276	0.00165	"	0.0333		82.9	40-140				
Methoxychlor	0.0247	0.00165	"	0.0333		74.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0667*		*76.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0482*		*"*	*0.0667*		*72.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21744 - EPA 3550C											
Matrix Spike (BL21744-MS1)	*Source sample: 22L1458-02 (Matrix Spike)							Prepared: 12/30/2022 Analyzed: 01/04/2023			
4,4'-DDD	0.0344	0.00189	mg/kg dry	0.0382	ND	90.0	30-150				
4,4'-DDE	0.0312	0.00189	"	0.0382	ND	81.7	30-150				
4,4'-DDT	0.0318	0.00189	"	0.0382	ND	83.3	30-150				
Aldrin	0.0327	0.00189	"	0.0382	ND	85.5	30-150				
alpha-BHC	0.0316	0.00189	"	0.0382	ND	82.7	30-150				
alpha-Chlordane	0.0348	0.00189	"	0.0382	ND	91.1	30-150				
beta-BHC	0.0341	0.00189	"	0.0382	ND	89.2	30-150				
delta-BHC	0.0341	0.00189	"	0.0382	ND	89.2	30-150				
Dieldrin	0.0360	0.00189	"	0.0382	ND	94.3	30-150				
Endosulfan I	0.0361	0.00189	"	0.0382	ND	94.4	30-150				
Endosulfan II	0.0352	0.00189	"	0.0382	ND	92.0	30-150				
Endosulfan sulfate	0.0357	0.00189	"	0.0382	ND	93.3	30-150				
Endrin	0.0343	0.00189	"	0.0382	ND	89.6	30-150				
Endrin aldehyde	0.0354	0.00189	"	0.0382	ND	92.6	30-150				
Endrin ketone	0.0370	0.00189	"	0.0382	ND	96.9	30-150				
gamma-BHC (Lindane)	0.0335	0.00189	"	0.0382	ND	87.7	30-150				
gamma-Chlordane	0.0334	0.00189	"	0.0382	ND	87.4	30-150				
Heptachlor	0.0334	0.00189	"	0.0382	ND	87.3	30-150				
Heptachlor epoxide	0.0356	0.00189	"	0.0382	ND	93.2	30-150				
Methoxychlor	0.0324	0.00189	"	0.0382	ND	84.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0614*		*"*	*0.0764*		*80.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0751*		*"*	*0.0764*		*98.2*	*30-150*				
Matrix Spike Dup (BL21744-MSD1)	*Source sample: 22L1458-02 (Matrix Spike Dup)							Prepared: 12/30/2022 Analyzed: 01/04/2023			
4,4'-DDD	0.0328	0.00188	mg/kg dry	0.0380	ND	86.2	30-150		4.78	30	
4,4'-DDE	0.0290	0.00188	"	0.0380	ND	76.3	30-150		7.38	30	
4,4'-DDT	0.0292	0.00188	"	0.0380	ND	76.7	30-150		8.68	30	
Aldrin	0.0304	0.00188	"	0.0380	ND	79.9	30-150		7.35	30	
alpha-BHC	0.0294	0.00188	"	0.0380	ND	77.4	30-150		7.14	30	
alpha-Chlordane	0.0326	0.00188	"	0.0380	ND	85.7	30-150		6.62	30	
beta-BHC	0.0348	0.00188	"	0.0380	ND	91.5	30-150		1.98	30	
delta-BHC	0.0325	0.00188	"	0.0380	ND	85.4	30-150		4.89	30	
Dieldrin	0.0322	0.00188	"	0.0380	ND	84.6	30-150		11.4	30	
Endosulfan I	0.0329	0.00188	"	0.0380	ND	86.5	30-150		9.29	30	
Endosulfan II	0.0337	0.00188	"	0.0380	ND	88.6	30-150		4.34	30	
Endosulfan sulfate	0.0328	0.00188	"	0.0380	ND	86.2	30-150		8.47	30	
Endrin	0.0325	0.00188	"	0.0380	ND	85.6	30-150		5.12	30	
Endrin aldehyde	0.0363	0.00188	"	0.0380	ND	95.6	30-150		2.62	30	
Endrin ketone	0.0348	0.00188	"	0.0380	ND	91.6	30-150		6.10	30	
gamma-BHC (Lindane)	0.0324	0.00188	"	0.0380	ND	85.2	30-150		3.38	30	
gamma-Chlordane	0.0316	0.00188	"	0.0380	ND	83.0	30-150		5.71	30	
Heptachlor	0.0314	0.00188	"	0.0380	ND	82.6	30-150		6.15	30	
Heptachlor epoxide	0.0342	0.00188	"	0.0380	ND	89.9	30-150		4.15	30	
Methoxychlor	0.0316	0.00188	"	0.0380	ND	83.2	30-150		2.50	30	
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0760*		*77.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0688*		*"*	*0.0760*		*90.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21786 - EPA 3550C											
Blank (BL21786-BLK1)									Prepared: 12/31/2022 Analyzed: 01/04/2023		
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0519*		*"*	*0.0667*		*77.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0620*		*"*	*0.0667*		*93.0*	*30-150*				
LCS (BL21786-BS1)									Prepared: 12/31/2022 Analyzed: 01/04/2023		
4,4'-DDD	0.0356	0.00165	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0339	0.00165	"	0.0333		102	40-140				
4,4'-DDT	0.0282	0.00165	"	0.0333		84.5	40-140				
Aldrin	0.0338	0.00165	"	0.0333		101	40-140				
alpha-BHC	0.0300	0.00165	"	0.0333		90.2	40-140				
alpha-Chlordane	0.0352	0.00165	"	0.0333		106	40-140				
beta-BHC	0.0374	0.00165	"	0.0333		112	40-140				
delta-BHC	0.0320	0.00165	"	0.0333		96.1	40-140				
Dieldrin	0.0360	0.00165	"	0.0333		108	40-140				
Endosulfan I	0.0362	0.00165	"	0.0333		108	40-140				
Endosulfan II	0.0358	0.00165	"	0.0333		107	40-140				
Endosulfan sulfate	0.0348	0.00165	"	0.0333		104	40-140				
Endrin	0.0337	0.00165	"	0.0333		101	40-140				
Endrin aldehyde	0.0366	0.00165	"	0.0333		110	40-140				
Endrin ketone	0.0351	0.00165	"	0.0333		105	40-140				
gamma-BHC (Lindane)	0.0341	0.00165	"	0.0333		102	40-140				
gamma-Chlordane	0.0351	0.00165	"	0.0333		105	40-140				
Heptachlor	0.0328	0.00165	"	0.0333		98.4	40-140				
Heptachlor epoxide	0.0361	0.00165	"	0.0333		108	40-140				
Methoxychlor	0.0296	0.00165	"	0.0333		88.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0605*		*"*	*0.0667*		*90.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0632*		*"*	*0.0667*		*94.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21786 - EPA 3550C											
Matrix Spike (BL21786-MS1)	*Source sample: 22L1392-13 (SB-5A)							Prepared: 12/31/2022 Analyzed: 01/05/2023			
4,4'-DDD	0.0281	0.00197	mg/kg dry	0.0397	ND	70.9	30-150				
4,4'-DDE	0.0271	0.00197	"	0.0397	ND	68.3	30-150				
4,4'-DDT	0.0248	0.00197	"	0.0397	ND	62.5	30-150				
Aldrin	0.0282	0.00197	"	0.0397	ND	71.1	30-150				
alpha-BHC	0.0253	0.00197	"	0.0397	ND	63.8	30-150				
alpha-Chlordane	0.0296	0.00197	"	0.0397	ND	74.7	30-150				
beta-BHC	0.0301	0.00197	"	0.0397	ND	75.9	30-150				
delta-BHC	0.0264	0.00197	"	0.0397	ND	66.4	30-150				
Dieldrin	0.0303	0.00197	"	0.0397	ND	76.3	30-150				
Endosulfan I	0.0298	0.00197	"	0.0397	ND	75.0	30-150				
Endosulfan II	0.0292	0.00197	"	0.0397	ND	73.6	30-150				
Endosulfan sulfate	0.0274	0.00197	"	0.0397	ND	69.0	30-150				
Endrin	0.0275	0.00197	"	0.0397	ND	69.2	30-150				
Endrin aldehyde	0.0306	0.00197	"	0.0397	ND	77.0	30-150				
Endrin ketone	0.0291	0.00197	"	0.0397	ND	73.3	30-150				
gamma-BHC (Lindane)	0.0286	0.00197	"	0.0397	ND	72.0	30-150				
gamma-Chlordane	0.0295	0.00197	"	0.0397	ND	74.3	30-150				
Heptachlor	0.0285	0.00197	"	0.0397	ND	71.7	30-150				
Heptachlor epoxide	0.0311	0.00197	"	0.0397	ND	78.4	30-150				
Methoxychlor	0.0270	0.00197	"	0.0397	ND	67.9	30-150				
Surrogate: Decachlorobiphenyl	*0.0491*		*"*	*0.0794*		*61.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0598*		*"*	*0.0794*		*75.4*	*30-150*				
Matrix Spike Dup (BL21786-MSD1)	*Source sample: 22L1392-13 (SB-5A)							Prepared: 12/31/2022 Analyzed: 01/05/2023			
4,4'-DDD	0.0357	0.00201	mg/kg dry	0.0406	ND	87.9	30-150		23.7	30	
4,4'-DDE	0.0321	0.00201	"	0.0406	ND	79.0	30-150		16.8	30	
4,4'-DDT	0.0313	0.00201	"	0.0406	ND	77.1	30-150		23.2	30	
Aldrin	0.0337	0.00201	"	0.0406	ND	82.9	30-150		17.5	30	
alpha-BHC	0.0291	0.00201	"	0.0406	ND	71.7	30-150		13.9	30	
alpha-Chlordane	0.0346	0.00201	"	0.0406	ND	85.2	30-150		15.4	30	
beta-BHC	0.0354	0.00201	"	0.0406	ND	87.2	30-150		16.2	30	
delta-BHC	0.0314	0.00201	"	0.0406	ND	77.2	30-150		17.4	30	
Dieldrin	0.0353	0.00201	"	0.0406	ND	87.0	30-150		15.4	30	
Endosulfan I	0.0350	0.00201	"	0.0406	ND	86.1	30-150		16.1	30	
Endosulfan II	0.0360	0.00201	"	0.0406	ND	88.7	30-150		20.9	30	
Endosulfan sulfate	0.0345	0.00201	"	0.0406	ND	84.9	30-150		22.9	30	
Endrin	0.0344	0.00201	"	0.0406	ND	84.6	30-150		22.3	30	
Endrin aldehyde	0.0360	0.00201	"	0.0406	ND	88.7	30-150		16.5	30	
Endrin ketone	0.0354	0.00201	"	0.0406	ND	87.3	30-150		19.7	30	
gamma-BHC (Lindane)	0.0334	0.00201	"	0.0406	ND	82.3	30-150		15.7	30	
gamma-Chlordane	0.0349	0.00201	"	0.0406	ND	86.0	30-150		16.8	30	
Heptachlor	0.0337	0.00201	"	0.0406	ND	82.9	30-150		16.8	30	
Heptachlor epoxide	0.0376	0.00201	"	0.0406	ND	92.6	30-150		18.9	30	
Methoxychlor	0.0340	0.00201	"	0.0406	ND	83.7	30-150		23.1	30	
Surrogate: Decachlorobiphenyl	*0.0601*		*"*	*0.0812*		*74.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0657*		*"*	*0.0812*		*80.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21744 - EPA 3550C											
Blank (BL21744-BLK2)											Prepared: 12/30/2022 Analyzed: 01/03/2023
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Aroclor 1262	ND	0.0167	"								
Aroclor 1268	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0530*		*"*	*0.0667*		*79.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0523*		*"*	*0.0667*		*78.5*	*30-120*				
LCS (BL21744-BS2)											Prepared: 12/30/2022 Analyzed: 01/03/2023
Aroclor 1016	0.307	0.0167	mg/kg wet	0.333		92.0	40-130				
Aroclor 1260	0.318	0.0167	"	0.333		95.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0567*		*"*	*0.0667*		*85.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0560*		*"*	*0.0667*		*84.0*	*30-120*				
Matrix Spike (BL21744-MS2)	*Source sample: 22L1458-02 (Matrix Spike)										Prepared: 12/30/2022 Analyzed: 01/04/2023
Aroclor 1016	0.172	0.0192	mg/kg dry	0.384	ND	44.8	40-140				
Aroclor 1260	0.250	0.0192	"	0.384	ND	65.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0545*		*"*	*0.0767*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0541*		*"*	*0.0767*		*70.5*	*30-120*				
Matrix Spike Dup (BL21744-MSD2)	*Source sample: 22L1458-02 (Matrix Spike Dup)										Prepared: 12/30/2022 Analyzed: 01/04/2023
Aroclor 1016	0.178	0.0192	mg/kg dry	0.384	ND	46.3	40-140		3.47	50	
Aroclor 1260	0.251	0.0192	"	0.384	ND	65.4	40-140		0.214	50	
Surrogate: Tetrachloro-m-xylene	*0.0556*		*"*	*0.0767*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0533*		*"*	*0.0767*		*69.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21786 - EPA 3550C											
Blank (BL21786-BLK2)									Prepared: 12/31/2022 Analyzed: 01/05/2023		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Aroclor 1262	ND	0.0167	"								
Aroclor 1268	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0500*		*"*	*0.0667*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0470*		*"*	*0.0667*		*70.5*	*30-120*				
LCS (BL21786-BS2)									Prepared: 12/31/2022 Analyzed: 01/05/2023		
Aroclor 1016	0.265	0.0167	mg/kg wet	0.333		79.6	40-130				
Aroclor 1260	0.285	0.0167	"	0.333		85.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0567*		*"*	*0.0667*		*85.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0613*		*"*	*0.0667*		*92.0*	*30-120*				
Matrix Spike (BL21786-MS2)	*Source sample: 22L1392-13 (SB-5A)								Prepared: 12/31/2022 Analyzed: 01/05/2023		
Aroclor 1016	0.161	0.0203	mg/kg dry	0.406	ND	39.7	40-140	Low Bias			
Aroclor 1260	0.260	0.0203	"	0.406	ND	63.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0626*		*"*	*0.0812*		*77.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0638*		*"*	*0.0812*		*78.5*	*30-120*				
Matrix Spike Dup (BL21786-MSD2)	*Source sample: 22L1392-13 (SB-5A)								Prepared: 12/31/2022 Analyzed: 01/05/2023		
Aroclor 1016	0.163	0.0201	mg/kg dry	0.402	ND	40.6	40-140		1.30	50	
Aroclor 1260	0.268	0.0201	"	0.402	ND	66.5	40-140		3.06	50	
Surrogate: Tetrachloro-m-xylene	*0.0619*		*"*	*0.0804*		*77.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0684*		*"*	*0.0804*		*85.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30116 - EPA 3050B											
Blank (BA30116-BLK1)									Prepared: 01/04/2023 Analyzed: 01/05/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BA30116-DUP1)	*Source sample: 23A0056-10 (Duplicate)								Prepared: 01/04/2023 Analyzed: 01/05/2023		
Aluminum	13100	4.92	mg/kg dry		9780				28.9	35	
Antimony	ND	2.46	"		ND					35	
Arsenic	6.58	1.48	"		4.54				36.8	35	Non-dir.
Barium	133	2.46	"		90.9				37.3	35	Non-dir.
Beryllium	1.22	0.050	"		0.866				34.3	35	
Cadmium	0.308	0.295	"		ND					35	
Calcium	1210	4.92	"		998				19.5	35	
Chromium	39.8	0.493	"		30.2				27.6	35	
Cobalt	10.2	0.394	"		7.90				25.7	35	
Copper	178	1.97	"		135				27.5	35	
Iron	28700	24.6	"		21900				26.8	35	
Lead	142	0.493	"		97.5				36.8	35	Non-dir.
Magnesium	7160	4.93	"		5440				27.2	35	
Manganese	250	0.493	"		192				25.8	35	
Nickel	24.6	0.981	"		18.7				27.2	35	
Potassium	6410	4.93	"		4040				45.5	35	Non-dir.
Selenium	ND	2.46	"		ND					35	
Silver	ND	0.496	"		ND					35	
Sodium	719	49.2	"		463				43.4	35	Non-dir.
Thallium	ND	2.46	"		ND					35	
Vanadium	50.5	0.981	"		35.4				35.3	35	Non-dir.
Zinc	107	2.45	"		78.0				31.2	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30116 - EPA 3050B											
Matrix Spike (BA30116-MS1)	*Source sample: 23A0056-10 (Matrix Spike)							Prepared: 01/04/2023 Analyzed: 01/05/2023			
Aluminum	14000	4.92	mg/kg dry	197	9780	NR	75-125	High Bias			
Antimony	7.92	2.46	"	24.6	ND	32.2	75-125	Low Bias			
Arsenic	184	1.48	"	197	4.54	91.3	75-125				
Barium	345	2.46	"	197	90.9	129	75-125	High Bias			
Beryllium	6.00	0.050	"	4.92	0.866	104	75-125				
Cadmium	4.84	0.295	"	4.92	ND	98.3	75-125				
Calcium	1720	4.92	"	98.5	998	730	75-125	High Bias			
Chromium	60.7	0.493	"	19.7	30.2	155	75-125	High Bias			
Cobalt	61.1	0.394	"	49.2	7.90	108	75-125				
Copper	225	1.97	"	24.6	135	366	75-125	High Bias			
Iron	30200	24.6	"	98.5	21900	NR	75-125	High Bias			
Lead	265	0.493	"	49.2	97.5	341	75-125	High Bias			
Magnesium	7870	4.93	"	98.5	5440	NR	75-125	High Bias			
Manganese	321	0.493	"	49.2	192	261	75-125	High Bias			
Nickel	72.7	0.981	"	49.2	18.7	110	75-125				
Potassium	6820	4.93	"	98.5	4040	NR	75-125	High Bias			
Selenium	115	2.46	"	197	ND	58.3	75-125	Low Bias			
Silver	ND	0.496	"	4.92	ND		75-125	Low Bias			
Sodium	812	49.2	"	98.5	463	355	75-125	High Bias			
Thallium	161	2.46	"	197	ND	81.7	75-125				
Vanadium	102	0.981	"	49.2	35.4	136	75-125	High Bias			
Zinc	161	2.45	"	49.2	78.0	169	75-125	High Bias			
Post Spike (BA30116-PS1)	*Source sample: 23A0056-10 (Post Spike)							Prepared: 01/04/2023 Analyzed: 01/05/2023			
Aluminum	102		ug/mL	2.00	99.3	124	75-125				
Antimony	0.237		"	0.250	0.008	91.5	75-125				
Arsenic	2.01		"	2.00	0.046	98.4	75-125				
Barium	3.08		"	2.00	0.923	108	75-125				
Beryllium	0.061		"	0.0500	0.009	104	75-125				
Cadmium	0.052		"	0.0500	0.002	99.0	75-125				
Calcium	11.1		"	1.00	10.1	96.3	75-125				
Chromium	0.504		"	0.200	0.306	99.0	75-125				
Cobalt	0.619		"	0.500	0.080	108	75-125				
Copper	1.59		"	0.250	1.37	90.3	75-125				
Iron	222		"	1.00	222	25.3	75-125	Low Bias			
Lead	1.45		"	0.500	0.990	92.9	75-125				
Magnesium	56.6		"	1.00	55.3	129	75-125	High Bias			
Manganese	2.49		"	0.500	1.95	107	75-125				
Nickel	0.744		"	0.500	0.190	111	75-125				
Potassium	41.9		"	1.00	41.0	85.9	75-125				
Selenium	1.46		"	2.00	-0.279	73.2	75-125	Low Bias			
Silver	-0.042		"	0.0500	-0.098		75-125	Low Bias			
Sodium	5.72		"	1.00	4.70	102	75-125				
Thallium	1.85		"	2.00	-0.007	92.4	75-125				
Vanadium	0.873		"	0.500	0.359	103	75-125				
Zinc	1.32		"	0.500	0.792	105	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30116 - EPA 3050B											
Reference (BA30116-SRM1)								Prepared: 01/04/2023 Analyzed: 01/05/2023			
Aluminum	7290	4.17	mg/kg wet	7970		91.5	49.7-150.6				
Antimony	57.9	2.08	"	136		42.6	20.4-249.3				
Arsenic	83.9	1.25	"	87.4		96.0	70-130.4				
Barium	356	2.08	"	347		102	75.2-130.3				
Beryllium	102	0.042	"	103		99.0	74.8-132				
Cadmium	145	0.250	"	160		90.6	75-145.6				
Calcium	4010	4.17	"	4100		97.8	71.7-139.3				
Chromium	226	0.417	"	231		98.0	70.1-134.2				
Cobalt	240	0.333	"	241		99.7	75.1-141.5				
Copper	152	1.67	"	144		106	75-126.4				
Iron	13200	20.8	"	14200		92.9	35.3-164.8				
Lead	250	0.417	"	266		93.9	74.1-125.9				
Magnesium	2270	4.17	"	2220		102	61.3-138.7				
Manganese	559	0.417	"	555		101	77.3-132.8				
Nickel	359	0.830	"	350		103	70-144				
Potassium	1920	4.17	"	1940		98.9	58.2-141.8				
Selenium	86.5	2.08	"	130		66.5	66.9-133.8	Low Bias			
Silver	55.6	0.420	"	57.1		97.4	70.2-129.8				
Sodium	114	41.7	"	117		97.4	30.5-170.1				
Thallium	68.0	2.08	"	75.4		90.2	64.3-135.3				
Vanadium	81.2	0.830	"	88.6		91.7	65.6-134.3				
Zinc	152	2.08	"	160		95.0	70-130				
Batch BA30122 - EPA 3050B											
Blank (BA30122-BLK1)								Prepared: 01/04/2023 Analyzed: 01/06/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	7.49	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30122 - EPA 3050B											
Duplicate (BA30122-DUP1)	*Source sample: 23A0054-04 (Duplicate)								Prepared: 01/04/2023 Analyzed: 01/06/2023		
Aluminum	9180	4.75	mg/kg dry		9810				6.69	35	
Antimony	3.20	2.37	"		ND					35	
Arsenic	2.90	1.42	"		2.35				21.1	35	
Barium	83.6	2.37	"		82.1				1.82	35	
Beryllium	0.874	0.048	"		0.933				6.53	35	
Cadmium	ND	0.285	"		ND					35	
Calcium	8340	4.75	"		9660				14.6	35	
Chromium	20.7	0.475	"		20.6				0.0781	35	
Cobalt	29.3	0.379	"		14.2				69.7	35	Non-dir.
Copper	68.9	1.90	"		49.8				32.2	35	
Iron	25800	23.7	"		18400				33.4	35	
Lead	113	0.475	"		109				3.85	35	
Magnesium	6510	4.75	"		5010				26.1	35	
Manganese	422	0.475	"		422				0.0167	35	
Nickel	23.1	0.945	"		20.3				13.1	35	
Potassium	2050	4.75	"		2120				3.71	35	
Selenium	ND	2.37	"		ND					35	
Silver	ND	0.478	"		ND					35	
Sodium	125	47.5	"		102				20.3	35	
Thallium	ND	2.37	"		ND					35	
Vanadium	33.3	0.945	"		34.3				3.17	35	
Zinc	386	2.36	"		241				46.1	35	Non-dir.
Matrix Spike (BA30122-MS1)	*Source sample: 23A0054-04 (Matrix Spike)								Prepared: 01/04/2023 Analyzed: 01/06/2023		
Aluminum	10500	4.75	mg/kg dry	190	9810	370	75-125	High Bias			
Antimony	6.38	2.37	"	23.7	ND	26.9	75-125	Low Bias			
Arsenic	165	1.42	"	190	2.35	85.5	75-125				
Barium	274	2.37	"	190	82.1	101	75-125				
Beryllium	5.53	0.048	"	4.75	0.933	96.9	75-125				
Cadmium	4.28	0.285	"	4.75	ND	90.1	75-125				
Calcium	7190	4.75	"	94.9	9660	NR	75-125	Low Bias			
Chromium	38.2	0.475	"	19.0	20.6	92.3	75-125				
Cobalt	59.0	0.379	"	47.5	14.2	94.4	75-125				
Copper	63.8	1.90	"	23.7	49.8	59.2	75-125	Low Bias			
Iron	22400	23.7	"	94.9	18400	NR	75-125	High Bias			
Lead	121	0.475	"	47.5	109	25.2	75-125	Low Bias			
Magnesium	5040	4.75	"	94.9	5010	41.4	75-125	Low Bias			
Manganese	485	0.475	"	47.5	422	132	75-125	High Bias			
Nickel	69.4	0.945	"	47.5	20.3	103	75-125				
Potassium	2300	4.75	"	94.9	2120	188	75-125	High Bias			
Selenium	112	2.37	"	190	ND	59.2	75-125	Low Bias			
Silver	ND	0.478	"	4.75	ND		75-125	Low Bias			
Sodium	194	47.5	"	94.9	102	96.9	75-125				
Thallium	152	2.37	"	190	ND	79.8	75-125				
Vanadium	79.5	0.945	"	47.5	34.3	95.1	75-125				
Zinc	159	2.36	"	47.5	241	NR	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30122 - EPA 3050B											
Post Spike (BA30122-PS1)	*Source sample: 23A0054-04 (Post Spike)								Prepared: 01/04/2023 Analyzed: 01/06/2023		
Aluminum	107		ug/mL	2.00	103	196	75-125	High Bias			
Antimony	0.243		"	0.250	0.006	94.9	75-125				
Arsenic	2.06		"	2.00	0.025	102	75-125				
Barium	3.09		"	2.00	0.865	111	75-125				
Beryllium	0.064		"	0.0500	0.010	108	75-125				
Cadmium	0.052		"	0.0500	0.002	98.9	75-125				
Calcium	104		"	1.00	102	203	75-125	High Bias			
Chromium	0.428		"	0.200	0.217	105	75-125				
Cobalt	0.705		"	0.500	0.149	111	75-125				
Copper	0.812		"	0.250	0.524	115	75-125				
Iron	196		"	1.00	194	256	75-125	High Bias			
Lead	1.66		"	0.500	1.15	102	75-125				
Magnesium	54.6		"	1.00	52.7	183	75-125	High Bias			
Manganese	5.03		"	0.500	4.45	118	75-125				
Nickel	0.779		"	0.500	0.214	113	75-125				
Potassium	24.4		"	1.00	22.4	206	75-125	High Bias			
Selenium	1.54		"	2.00	-0.217	76.8	75-125				
Silver	-0.014		"	0.0500	-0.069		75-125	Low Bias			
Sodium	2.25		"	1.00	1.07	118	75-125				
Thallium	1.88		"	2.00	0.0002	94.0	75-125				
Vanadium	0.898		"	0.500	0.362	107	75-125				
Zinc	3.07		"	0.500	2.54	107	75-125				
Reference (BA30122-SRM1)									Prepared: 01/04/2023 Analyzed: 01/06/2023		
Aluminum	7780	4.17	mg/kg wet	7970		97.7	49.7-150.6				
Antimony	63.0	2.08	"	136		46.3	20.4-249.3				
Arsenic	85.8	1.25	"	87.4		98.1	70-130.4				
Barium	379	2.08	"	347		109	75.2-130.3				
Beryllium	106	0.042	"	103		103	74.8-132				
Cadmium	150	0.250	"	160		93.9	75-145.6				
Calcium	4230	4.17	"	4100		103	71.7-139.3				
Chromium	237	0.417	"	231		102	70.1-134.2				
Cobalt	254	0.333	"	241		105	75.1-141.5				
Copper	164	1.67	"	144		114	75-126.4				
Iron	13900	20.8	"	14200		98.2	35.3-164.8				
Lead	256	0.417	"	266		96.3	74.1-125.9				
Magnesium	2450	4.17	"	2220		111	61.3-138.7				
Manganese	583	0.417	"	555		105	77.3-132.8				
Nickel	379	0.830	"	350		108	70-144				
Potassium	2070	4.17	"	1940		106	58.2-141.8				
Selenium	89.4	2.08	"	130		68.8	66.9-133.8				
Silver	59.2	0.420	"	57.1		104	70.2-129.8				
Sodium	133	41.7	"	117		114	30.5-170.1				
Thallium	70.2	2.08	"	75.4		93.1	64.3-135.3				
Vanadium	87.3	0.830	"	88.6		98.6	65.6-134.3				
Zinc	161	2.08	"	160		101	70-130				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30025 - EPA 7473 soil											
Blank (BA30025-BLK1)								Prepared & Analyzed: 01/03/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30025-DUP1)	*Source sample: 22L1358-06 (Duplicate)							Prepared & Analyzed: 01/03/2023			
Mercury	ND	0.0317	mg/kg dry		ND					35	
Matrix Spike (BA30025-MS1)	*Source sample: 22L1358-06 (Matrix Spike)							Prepared & Analyzed: 01/03/2023			
Mercury	0.442		mg/kg	0.500	0.00300	87.8	75-125				
Reference (BA30025-SRM1)								Prepared & Analyzed: 01/03/2023			
Mercury	22.576		mg/kg	27.2		83.0	59.9-140.1				
Batch BA30026 - EPA 7473 soil											
Blank (BA30026-BLK1)								Prepared & Analyzed: 01/03/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30026-DUP1)	*Source sample: 22L1392-09 (SB-3C)							Prepared & Analyzed: 01/03/2023			
Mercury	ND	0.0394	mg/kg dry		ND					35	
Matrix Spike (BA30026-MS1)	*Source sample: 22L1392-09 (SB-3C)							Prepared & Analyzed: 01/03/2023			
Mercury	0.491		mg/kg	0.500	0.0269	92.8	75-125				
Reference (BA30026-SRM1)								Prepared & Analyzed: 01/03/2023			
Mercury	30.400		mg/kg	27.2		112	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30055 - Analysis Preparation Soil											
Blank (BA30055-BLK1)								Prepared & Analyzed: 01/03/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA30055-DUP1)	*Source sample: 22L1392-21 (SB-7B)							Prepared & Analyzed: 01/03/2023			
Cyanide, total	ND	0.707	mg/kg dry		2.82					15	
Matrix Spike (BA30055-MS1)	*Source sample: 22L1392-21 (SB-7B)							Prepared & Analyzed: 01/03/2023			
Cyanide, total	13.1	0.707	mg/kg dry	14.1	2.82	72.8	79.6-107	Low Bias			
Reference (BA30055-SRM1)								Prepared & Analyzed: 01/03/2023			
Cyanide, total	148		ug/mL	131		113	44.4-156.5				
Batch BL21773 - Analysis Preparation Soil											
Blank (BL21773-BLK1)								Prepared & Analyzed: 12/30/2022			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BL21773-DUP1)	*Source sample: 22L1392-01 (SB-1A)							Prepared & Analyzed: 12/30/2022			
Cyanide, total	ND	0.526	mg/kg dry		ND					15	
Matrix Spike (BL21773-MS1)	*Source sample: 22L1392-01 (SB-1A)							Prepared & Analyzed: 12/30/2022			
Cyanide, total	10.6	0.526	mg/kg dry	10.5	ND	101	79.6-107				
Reference (BL21773-SRM1)								Prepared & Analyzed: 12/30/2022			
Cyanide, total	146		ug/mL	131		112	44.4-156.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30003 - % Solids Prep											
Duplicate (BA30003-DUP1)	*Source sample: 22L1504-05 (Duplicate)							Prepared & Analyzed: 01/03/2023			
% Solids	96.7	0.100	%		97.3				0.586	20	
Batch BL21695 - % Solids Prep											
Duplicate (BL21695-DUP1)	*Source sample: 22L1459-05 (Duplicate)							Prepared: 12/29/2022 Analyzed: 12/30/2022			
% Solids	89.0	0.100	%		89.6				0.690	20	
Batch BL21765 - % Solids Prep											
Duplicate (BL21765-DUP1)	*Source sample: 22L1444-03 (Duplicate)							Prepared & Analyzed: 12/30/2022			
% Solids	89.8	0.100	%		89.9				0.140	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22L1392-01	SB-1A	40mL Vial with Stir Bar-Cool 4° C
22L1392-02	SB-1B	40mL Vial with Stir Bar-Cool 4° C
22L1392-03	SB-1C	40mL Vial with Stir Bar-Cool 4° C
22L1392-04	SB-2A	40mL Vial with Stir Bar-Cool 4° C
22L1392-05	SB-2B	40mL Vial with Stir Bar-Cool 4° C
22L1392-06	SB-2C	40mL Vial with Stir Bar-Cool 4° C
22L1392-07	SB-3A	40mL Vial with Stir Bar-Cool 4° C
22L1392-08	SB-3B	40mL Vial with Stir Bar-Cool 4° C
22L1392-09	SB-3C	40mL Vial with Stir Bar-Cool 4° C
22L1392-10	SB-4A	40mL Vial with Stir Bar-Cool 4° C
22L1392-11	SB-4B	40mL Vial with Stir Bar-Cool 4° C
22L1392-12	SB-4C	40mL Vial with Stir Bar-Cool 4° C
22L1392-13	SB-5A	40mL Vial with Stir Bar-Cool 4° C
22L1392-14	SB-5B	40mL Vial with Stir Bar-Cool 4° C
22L1392-15	SB-5C	40mL Vial with Stir Bar-Cool 4° C
22L1392-16	SB-5D	40mL Vial with Stir Bar-Cool 4° C
22L1392-17	SB-6A	40mL Vial with Stir Bar-Cool 4° C
22L1392-18	SB-6B	40mL Vial with Stir Bar-Cool 4° C
22L1392-19	SB-6C	40mL Vial with Stir Bar-Cool 4° C
22L1392-20	SB-7A	40mL Vial with Stir Bar-Cool 4° C
22L1392-21	SB-7B	40mL Vial with Stir Bar-Cool 4° C
22L1392-22	SB-7C	40mL Vial with Stir Bar-Cool 4° C
22L1392-23	SB-7C Dup	40mL Vial with Stir Bar-Cool 4° C
22L1392-24	Rinsate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22L1392-26	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PCB-I	PCB calculations are based uoon the average response of 5 peaks for each Aroclor. For this sample an internference was present and the analyst was unable to use all 5 peaks.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record

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

YORK Project No. 224392

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same	C 314132	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-1A	S	12/28/22 0830 AM	VOCs (8260), SVOCs (8270),	(4) 40ml
SB-1B		0900 AM	TAL Metals (3050B/7473), pesticides	(2) 8oz
SB-1C		0915 AM	& PCBs (8081/8082), PFAS (1633)	(1) 4oz
SB-2A		1030 AM	cyanide & 1,4-dioxane	(1) 250ml
SB-2B		1047 AM		
SB-2C		1115 AM		
SB-3A		1205 AM		
SB-3B		1235 PM		
SB-3C		1259 PM		
SB-4A		120 PM		

Comments: 8:30

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

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Chris C York	12-29-22 8:30	Chris C York	12-29-22 1440
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				Nicole Sommo	12/29/22 1440 / 3.1 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
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Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22L1392

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-4B	S	12/28/22 1129 pm		
SB-4C		1138 pm		
SB-5A		315 pm		
SB-5B		329 pm		
SB-5C		343 pm		
SB-5D		359 pm		
SB-6A		425 pm		
SB-6B		442 pm		
SB-6C		459 pm		
SB-7A		214 pm		

Comments:

8:30

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Chris York	12-29-22 8:30	Chris York	12-29-22 1440
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	12/29/22 1440 3.1 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 22L1392

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-7B	S	12/28/22 2:38pm	VOCs (8260)	(3) 40ml
SB-7C	"	2:59pm	"	"
SB-7C Dup	"	3:01pm	"	"
Rinsate	WW	5:30pm	"	"
Field Blank	O	5:35pm	"	"
Trip Blank	O	5:42pm	"	"

Comments:

8:30

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Client York	12.29.22 8:30	Client York	12.29.22 1440
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	12/29/22 1440 3.1 Degrees C

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 03/28/2024
Client Project ID: Willow Brook Rentals LLC
York Project (SDG) No.: 24C1134

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Report Date: 03/28/2024
Client Project ID: Willow Brook Rentals LLC
York Project (SDG) No.: 24C1134

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 19, 2024 and listed below. The project was identified as your project: **Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24C1134-01	Sed-1	Soil	03/18/2024	03/19/2024
24C1134-02	Sed-2	Soil	03/18/2024	03/19/2024
24C1134-03	Sed-3	Soil	03/18/2024	03/19/2024
24C1134-04	Sed-4	Soil	03/18/2024	03/19/2024
24C1134-05	Sed-5	Soil	03/18/2024	03/19/2024
24C1134-06	Sed-6	Soil	03/18/2024	03/19/2024
24C1134-07	SWS-1	Ground Water	03/18/2024	03/19/2024
24C1134-08	SWS-2	Ground Water	03/18/2024	03/19/2024
24C1134-09	SWS-3	Ground Water	03/18/2024	03/19/2024
24C1134-10	Field Blank	Ground Water	03/18/2024	03/19/2024
24C1134-11	Soil Boring 12B	Soil	03/18/2024	03/19/2024
24C1134-12	Soil Boring 13A	Soil	03/18/2024	03/19/2024
24C1134-13	Soil Boring 13B	Soil	03/18/2024	03/19/2024
24C1134-14	Soil Boring 14	Soil	03/18/2024	03/19/2024
24C1134-15	Soil Boring 14 Dup	Soil	03/18/2024	03/19/2024
24C1134-16	Soil Boring 15	Soil	03/18/2024	03/19/2024
24C1134-17	Rinseate	Water	03/18/2024	03/19/2024

General Notes for York Project (SDG) No.: 24C1134

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 03/28/2024

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.086	0.17	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	**2-Butanone**	**0.0079**	J	mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	mg/kg dry	0.017	0.034	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.019**		mg/kg dry	0.0086	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.069	0.14	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0043	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.069	0.14	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:36	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:36	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723	03/22/2024 17:36	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:36	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.026	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:36	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Sample Information

Client Sample ID: **Sed-1** **York Sample ID:** **24C1134-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 12:50	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 12:50	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 12:50	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 12:50	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 12:50	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 12:50	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 12:50	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 12:50	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 12:50	SKF

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.283	0.565	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.283	0.565	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.141	0.282	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 12:50	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	03/19/2024 14:17	03/20/2024 12:50	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	03/19/2024 14:16	03/26/2024 01:10	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*71.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.192	0.306	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 20:54	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.239**	J	ug/kg dry	0.0915	0.345	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 20:54	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **Sed-1** **York Sample ID:** **24C1134-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.229**	J	ug/kg dry	0.181	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.309	0.316	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.962**		ug/kg dry	0.297	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.98**	PF-CCV-H	ug/kg dry	0.288	0.321	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.326	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.330	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.342	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.281	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.216	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.178	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.256	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.335	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.188	0.691	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.252	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.268	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.330	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.03	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.30	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.188	1.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.240	0.615	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.333	0.691	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.107	0.691	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.166	0.691	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.271	0.325	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.03	1.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.05	1.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.537	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.425	1.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.300	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.292	0.335	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.214	0.332	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 20:54	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.62	8.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.59	8.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.05	3.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.311	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.20	3.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.342	0.345	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 20:54	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*51.2 %*		*25-150*
Surrogate: M5PFHxA	*57.8 %*		*25-150*
Surrogate: M4PFHpA	*77.8 %*		*25-150*
Surrogate: M3PFHxS	*91.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.0 %*		*25-150*
Surrogate: M6PFDA	*88.7 %*		*25-150*
Surrogate: M7PFUdA	*85.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.4 %*		*25-150*
Surrogate: M2PFTeDA	*67.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.08 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*92.5 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.60 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*99.9 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*65.0 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*77.3 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*48.7 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*42.4 %*			*25-200*						
	Surrogate: M9PFNA	*96.2 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*32.1 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*69.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*59.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*59.2 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*72.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*68.6 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
309-00-2	Aldrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 NELAC-NY10854,NJDEP-CT005	03/22/2024 14:40	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:40	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854	03/22/2024 14:40	TAH

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.284	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0568	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:40	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0287	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:39	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**27700**		mg/kg dry	7.19	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	3.60	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.36**		mg/kg dry	2.16	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**175**		mg/kg dry	3.59	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**1.17**		mg/kg dry	0.073	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.432	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3340**		mg/kg dry	7.19	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**29.1**		mg/kg dry	0.720	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**13.8**		mg/kg dry	0.575	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**25.4**		mg/kg dry	2.88	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**30700**		mg/kg dry	36.0	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**37.0**		mg/kg dry	0.720	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**5940**		mg/kg dry	7.20	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**741**		mg/kg dry	0.720	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Sed-1 **York Sample ID:** 24C1134-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:50 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**27.3**		mg/kg dry	1.43	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**2900**	M-CCV 1	mg/kg dry	7.20	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**5.86**		mg/kg dry	3.60	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.725	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**437**		mg/kg dry	71.9	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	3.60	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**40.3**		mg/kg dry	1.43	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**110**		mg/kg dry	3.58	1	EPA 6010D	03/23/2024 12:52	03/26/2024 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0836**		mg/kg dry	0.0518	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.863	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**57.9**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Sed-2** **York Sample ID:** **24C1134-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.20	0.41	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 18:03	SMA
78-93-3	**2-Butanone**	**0.080**		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 18:03	SMA
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:03	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
67-64-1	**Acetone**	**0.19**		mg/kg dry	0.020	0.041	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 18:03	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.020	0.041	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
71-43-2	Benzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:03	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 18:03	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
74-83-9	Bromomethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 18:03	SMA

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-82-7	Cyclohexane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.016	0.033	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.16	0.33	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.016	0.033	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-88-4	* Iodomethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-09-2	Methylene chloride	ND		mg/kg dry	0.020	0.041	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.010	0.041	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.020	0.041	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.16	0.33	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.016	0.033	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.020	0.041	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03	SMA
108-88-3	Toluene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.031	0.061	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:19	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:19	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 13:19	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:19	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 13:19	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 13:19	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:19	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:19	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:19	SKF

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
83-32-9	Acenaphthene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
208-96-8	Acenaphthylene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
98-86-2	Acetophenone	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
62-53-3	Aniline	ND		mg/kg dry	0.416	0.831	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-12-7	Anthracene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
1912-24-9	Atrazine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-52-7	Benzaldehyde	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
92-87-5	Benzidine	ND		mg/kg dry	0.416	0.831	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SKF
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65-85-0	Benzoic acid	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.208	0.415	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.104	0.208	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:19	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*78.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM	03/19/2024 14:16	03/26/2024 01:27	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.280	0.446	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 21:11	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.134	0.504	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 21:11	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.265	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.451	0.462	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.434	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.17**	PF-CCV-H	ug/kg dry	0.421	0.469	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.477	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.482	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.499	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.411	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.315	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.260	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.373	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.489	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.275	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.368	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.391	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.482	0.487	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.50	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.90	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.275	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.351	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.487	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.156	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.242	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.396	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.50	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.53	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.784	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.620	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.439	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.426	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.313	0.484	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:11	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.60	2.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.29	12.6	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.78	12.6	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.54	5.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.454	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.76	5.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.499	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:11	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*85.6 %*		*25-150*
Surrogate: M5PFHxA	*91.2 %*		*25-150*
Surrogate: M4PFHpA	*84.0 %*		*25-150*
Surrogate: M3PFHxS	*91.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*		*25-150*
Surrogate: M6PFDA	*94.3 %*		*25-150*
Surrogate: M7PFUdA	*99.0 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*96.7 %*		*25-150*
Surrogate: M2PFTeDA	*85.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.31 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*105 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.4 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*91.4 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*70.7 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*74.1 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*61.4 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*58.6 %*			*25-200*						
	Surrogate: M9PFNA	*102 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*51.8 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*62.5 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*61.3 %*			*25-150*						
	Surrogate: M3HFPO-DA	*96.8 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*82.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*76.3 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
309-00-2	Aldrin	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 NELAC-NY10854,NJDEP-CT005	03/22/2024 14:58	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 14:58	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00827	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854	03/22/2024 14:58	TAH

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.827	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.165	5	EPA 8081B	03/19/2024 14:06	03/22/2024 14:58	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0835	1	EPA 8082A	03/19/2024 14:06	03/22/2024 04:53	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11500**		mg/kg dry	10.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	5.25	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.67**		mg/kg dry	3.15	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**105**		mg/kg dry	5.25	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.595**		mg/kg dry	0.106	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.631	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6000**		mg/kg dry	10.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	1.05	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**9.08**		mg/kg dry	0.840	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**32.0**		mg/kg dry	4.20	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**20300**		mg/kg dry	52.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**24.8**		mg/kg dry	1.05	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**4560**		mg/kg dry	10.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**733**		mg/kg dry	1.05	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Sed-2 **York Sample ID:** 24C1134-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:15 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**20.1**		mg/kg dry	2.09	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1610**	M-CCV 1	mg/kg dry	10.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	5.25	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	1.06	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**250**		mg/kg dry	105	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	5.25	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.2**		mg/kg dry	2.09	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**96.2**		mg/kg dry	5.23	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.101**		mg/kg dry	0.0757	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.26	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**39.6**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Sed-3** **York Sample ID:** **24C1134-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.11	0.22	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
78-93-3	**2-Butanone**	**0.085**		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	mg/kg dry	0.022	0.045	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-64-1	**Acetone**	**0.23**		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
74-83-9	Bromomethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.090	0.18	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0056	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.090	0.18	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.017	0.034	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:48	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:48	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 13:48	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:48	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 13:48	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,PADEP-68-04440	03/20/2024 13:48	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:48	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/20/2024 13:48	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/20/2024 13:48	SKF

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.344	0.688	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.344	0.688	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**0.0906**	J	mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.136**	J	mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.141**	J	mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.107**	J	mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.107**	J	mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	Benzoic acid	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	**Chrysene**	**0.124**	J	mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	**Fluoranthene**	**0.207**		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.106**	J	mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D Certifications:	03/19/2024 14:17	03/20/2024 13:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.174**		mg/kg dry	0.0861	0.172	2	EPA 8270D	03/19/2024 14:17	03/20/2024 13:48	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*81.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*90.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	03/19/2024 14:16	03/26/2024 01:45	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.233	0.372	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 21:27	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.111	0.420	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 21:27	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **Sed-3** **York Sample ID:** **24C1134-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.221	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.376	0.384	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.361	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.842**	PF-CCV-H	ug/kg dry	0.351	0.391	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.397	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.401	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.416	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.342	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.263	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.216	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.311	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.408	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.229	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.307	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.326	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.401	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.25	1.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.59	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.229	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.292	0.748	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.405	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.130	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.202	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.330	0.395	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.25	1.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.28	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.653	1.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.517	1.57	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.366	1.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.355	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.260	0.403	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:27	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.33	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.41	10.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.15	10.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.28	4.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.378	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.46	4.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.416	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:27	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*85.2 %*		*25-150*
Surrogate: M5PFHxA	*90.1 %*		*25-150*
Surrogate: M4PFHpA	*79.0 %*		*25-150*
Surrogate: M3PFHxS	*92.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*92.2 %*		*25-150*
Surrogate: M6PFDA	*89.4 %*		*25-150*
Surrogate: M7PFUdA	*84.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*70.6 %*		*25-150*
Surrogate: M2PFTeDA	*59.9 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.49 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*95.7 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*58.3 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*91.3 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*60.4 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*73.5 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*63.6 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*65.6 %*			*25-200*						
	Surrogate: M9PFNA	*87.2 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*54.5 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*46.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*49.7 %*			*25-150*						
	Surrogate: M3HFPO-DA	*93.0 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*57.6 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*55.1 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
309-00-2	Aldrin	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 NELAC-NY10854,NJDEP-CT005	03/22/2024 15:16	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:16	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00345	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854	03/22/2024 15:16	TAH

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.345	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0691	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:16	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0349	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17800**		mg/kg dry	8.75	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	4.38	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.78**		mg/kg dry	2.63	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**102**		mg/kg dry	4.37	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.782**		mg/kg dry	0.088	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.525	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9610**		mg/kg dry	8.75	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**22.6**		mg/kg dry	0.876	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**9.64**		mg/kg dry	0.700	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**41.7**		mg/kg dry	3.50	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**27900**		mg/kg dry	43.8	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**52.6**		mg/kg dry	0.876	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**8590**		mg/kg dry	8.76	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**507**		mg/kg dry	0.876	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Sed-3 **York Sample ID:** 24C1134-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:00 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**26.0**		mg/kg dry	1.74	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1710**	M-CCV 1	mg/kg dry	8.76	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	4.38	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.882	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**139**		mg/kg dry	87.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	4.38	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**28.8**		mg/kg dry	1.74	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**149**		mg/kg dry	4.36	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0693**		mg/kg dry	0.0630	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.05	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**47.6**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.11	0.22	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
78-93-3	2-Butanone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.022	0.044	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-64-1	**Acetone**	**0.013**	J	mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.089	0.18	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0056	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.089	0.18	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.017	0.033	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:10	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,PADEP-68-04440	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,PADEP-68-04440	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,PADEP-68-04440	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
208-96-8	**Acenaphthylene**	**0.410**		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
62-53-3	Aniline	ND		mg/kg dry	0.487	0.974	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-12-7	**Anthracene**	**0.175**	J	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
92-87-5	Benzidine	ND		mg/kg dry	0.487	0.974	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
50-32-8	**Benzo(a)pyrene**	**0.146**	J	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.243	0.486	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	**Chrysene**	**0.134**	J	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	**Fluoranthene**	**0.152**	J	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND	CCVE	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
85-01-8	**Phenanthrene**	**0.148**	J	mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
108-95-2	Phenol	ND		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
129-00-0	**Pyrene**	**0.266**		mg/kg dry	0.122	0.243	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications:	03/19/2024 14:16	03/26/2024 02:02 NELAC-NY10854	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*59.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.325	0.518	1	EPA 1633 Draft 3 Certifications:	03/22/2024 15:34	03/27/2024 21:43 NELAC-NH2097 ,NJDEP-NY037	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.155	0.585	1	EPA 1633 Draft 3 Certifications:	03/22/2024 15:34	03/27/2024 21:43 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.307	0.585	1	EPA 1633 Draft 3 Certifications:	03/22/2024 15:34	03/27/2024 21:43 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	ER

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.524	0.535	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.503	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.85**	PF-CCV-H	ug/kg dry	0.489	0.544	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.553	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.559	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.579	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.477	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.366	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.301	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.433	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.568	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.319	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.427	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.453	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.559	0.565	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.74	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	2.21	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.319	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.407	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.565	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.181	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.281	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.459	0.550	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.74	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.78	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.910	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.720	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.509	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.494	0.568	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.363	0.562	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:43	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.85	2.93	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.14	14.6	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	4.39	14.6	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.79	5.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.527	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.04	5.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.579	0.585	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:43	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*99.1 %*		*25-150*
Surrogate: M5PFHxA	*113 %*		*25-150*
Surrogate: M4PFHpA	*92.6 %*		*25-150*
Surrogate: M3PFHxS	*98.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*116 %*		*25-150*
Surrogate: M6PFDA	*99.1 %*		*25-150*
Surrogate: M7PFUdA	*90.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*87.3 %*		*25-150*
Surrogate: M2PFTeDA	*53.7 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.58 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*116 %*		*25-150*

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*55.9 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*108 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*83.8 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*93.2 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*98.1 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*91.7 %*			*25-200*						
	Surrogate: M9PFNA	*92.0 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*91.0 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*60.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*43.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*117 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*56.9 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*69.5 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
309-00-2	Aldrin	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 NELAC-NY10854,NJDEP-CT005	03/22/2024 15:34	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854	03/22/2024 15:34	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00481	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 15:34	TAH

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.481	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0962	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:34	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0486	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:20	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**33000**		mg/kg dry	12.2	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-36-0	Antimony	ND		mg/kg dry	6.09	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-38-2	**Arsenic**	**13.5**		mg/kg dry	3.66	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-39-3	**Barium**	**230**		mg/kg dry	6.08	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-41-7	**Beryllium**	**1.37**		mg/kg dry	0.123	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-43-9	Cadmium	ND		mg/kg dry	0.731	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-70-2	**Calcium**	**4410**		mg/kg dry	12.2	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-47-3	**Chromium**	**36.8**		mg/kg dry	1.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-48-4	**Cobalt**	**17.8**		mg/kg dry	0.974	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-50-8	**Copper**	**32.5**		mg/kg dry	4.88	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-89-6	**Iron**	**39400**		mg/kg dry	60.9	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-92-1	**Lead**	**47.1**		mg/kg dry	1.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-95-4	**Magnesium**	**7270**		mg/kg dry	12.2	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-96-5	**Manganese**	**858**		mg/kg dry	1.22	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-02-0	**Nickel**	**34.1**		mg/kg dry	2.43	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Sample Information

Client Sample ID: Sed-4 **York Sample ID:** 24C1134-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**3200**	M-CCV 1	mg/kg dry	12.2	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**7.96**		mg/kg dry	6.09	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	1.23	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**341**		mg/kg dry	122	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	6.09	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**50.9**		mg/kg dry	2.43	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**148**		mg/kg dry	6.07	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.130**		mg/kg dry	0.0878	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.46	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**34.2**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Sed-5** **York Sample ID:** **24C1134-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	**1,4-Dichlorobenzene**	**0.0051**	J	mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA

Sample Information

Client Sample ID: **Sed-5** **York Sample ID:** **24C1134-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 14:36	SMA
78-93-3	**2-Butanone**	**0.054**		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 14:36	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.013	0.027	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:36	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
67-64-1	**Acetone**	**0.10**		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 14:36	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:36	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 14:36	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
108-90-7	**Chlorobenzene**	**0.073**		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 14:36	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 14:36	SMA

Sample Information

Client Sample ID: **Sed-5** **York Sample ID:** **24C1134-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0033	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 14:36	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,PADEP-68-04440	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,PADEP-68-04440	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,PADEP-68-04440	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.240	0.480	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.481	0.962	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.481	0.962	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.240	0.480	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND	CCVE	mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D	03/19/2024 14:03	03/20/2024 18:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Sed-5** **York Sample ID:** **24C1134-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
108-95-2	Phenol	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
129-00-0	Pyrene	ND		mg/kg dry	0.120	0.240	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 18:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*70.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications:	03/19/2024 14:16	03/26/2024 02:20 NELAC-NY10854	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.161	0.257	1	EPA 1633 Draft 3 Certifications:	03/22/2024 15:34	03/27/2024 21:59 NELAC-NH2097 ,NJDEP-NY037	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0769	0.290	1	EPA 1633 Draft 3 Certifications:	03/22/2024 15:34	03/27/2024 21:59 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.152	0.290	1	EPA 1633 Draft 3 Certifications:	03/22/2024 15:34	03/27/2024 21:59 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	ER

Sample Information

Client Sample ID: **Sed-5** **York Sample ID:** **24C1134-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.260	0.265	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.249	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.09**	PF-CCV -H	ug/kg dry	0.242	0.270	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.274	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.277	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.287	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.236	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.181	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.149	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.215	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
2991-50-6	**N-EtFOSAA**	**1.15**	PF-CCV -H	ug/kg dry	0.281	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.158	0.580	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.212	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.225	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.277	0.280	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.863	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.09	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.158	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.202	0.516	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.280	0.580	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0899	0.580	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.580	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.228	0.273	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.863	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.882	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.451	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.357	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.252	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.245	0.281	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.180	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 21:59	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.919	1.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.04	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.18	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.886	2.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.261	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.01	2.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.287	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 21:59	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*88.3 %*		*25-150*
Surrogate: M5PFHxA	*100 %*		*25-150*
Surrogate: M4PFHpA	*86.5 %*		*25-150*
Surrogate: M3PFHxS	*95.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*110 %*		*25-150*
Surrogate: M6PFDA	*104 %*		*25-150*
Surrogate: M7PFUdA	*93.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.6 %*		*25-150*
Surrogate: M2PFTeDA	*60.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.43 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*109 %*		*25-150*

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.0 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*103 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*80.7 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*88.3 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*87.9 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*82.4 %*			*25-200*						
	Surrogate: M9PFNA	*89.3 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*74.2 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*48.5 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*39.9 %*			*25-150*						
	Surrogate: M3HFPO-DA	*98.6 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*57.6 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*52.2 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.475	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0951	5	EPA 8081B	03/19/2024 14:06	03/22/2024 15:52	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **Sed-5** **York Sample ID:** **24C1134-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0480	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:34	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5430**		mg/kg dry	6.04	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-36-0	Antimony	ND		mg/kg dry	3.02	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-38-2	**Arsenic**	**2.31**		mg/kg dry	1.81	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-39-3	**Barium**	**22.7**		mg/kg dry	3.02	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-41-7	**Beryllium**	**0.647**		mg/kg dry	0.061	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-43-9	Cadmium	ND		mg/kg dry	0.363	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-70-2	**Calcium**	**87600**		mg/kg dry	6.04	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-47-3	**Chromium**	**5.19**		mg/kg dry	0.605	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-48-4	**Cobalt**	**2.85**		mg/kg dry	0.483	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-50-8	**Copper**	**12.6**		mg/kg dry	2.42	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-89-6	**Iron**	**11100**		mg/kg dry	30.2	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-92-1	**Lead**	**10.8**		mg/kg dry	0.605	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-95-4	**Magnesium**	**50800**		mg/kg dry	6.05	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-96-5	**Manganese**	**210**		mg/kg dry	0.605	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-02-0	**Nickel**	**10.4**		mg/kg dry	1.20	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Sample Information

Client Sample ID: Sed-5 **York Sample ID:** 24C1134-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 3:35 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**973**	M-CCV 1	mg/kg dry	6.05	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	3.02	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**125**		mg/kg dry	60.4	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	3.02	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.9**		mg/kg dry	1.20	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**36.8**		mg/kg dry	3.01	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0435	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.725	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.0**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Sed-6** **York Sample ID:** **24C1134-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 15:02	SMA
78-93-3	**2-Butanone**	**0.0060**		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/22/2024 15:02	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:02	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:02	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:02	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:02	SMA

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
64-17-5	*** Ethanol**	**1.1**		mg/kg dry	0.042	0.085	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-20-9	**Methyl acetate**	**0.0035**	J	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.042	0.085	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*121 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,PADEP-68-04440	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,PADEP-68-04440	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,PADEP-68-04440	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.121	0.241	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
62-53-3	Aniline	ND		mg/kg dry	0.242	0.484	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-12-7	**Anthracene**	**0.138**		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
92-87-5	Benzidine	ND		mg/kg dry	0.242	0.484	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	KH
56-55-3	**Benzo(a)anthracene**	**0.886**		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
50-32-8	**Benzo(a)pyrene**	**1.05**		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
205-99-2	**Benzo(b)fluoranthene**	**1.14**		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.876**	CCVE	mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
207-08-9	**Benzo(k)fluoranthene**	**0.874**		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 19:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.121	0.241	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.120**	J	mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**1.15**		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**2.37**		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND	CCVE	mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.746**		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.16**		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.98**		mg/kg dry	0.0605	0.121	2	EPA 8270D	03/19/2024 14:03	03/20/2024 19:30	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*102 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	03/19/2024 14:16	03/26/2024 02:55	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.161	0.257	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:15	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0771**	J	ug/kg dry	0.0770	0.291	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:15	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.153	0.291	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:15	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **Sed-6** **York Sample ID:** **24C1134-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.260	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.250	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.27**	PF-CCV-H	ug/kg dry	0.243	0.270	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.275	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.340**		ug/kg dry	0.277	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.382**	PF-CCV-H	ug/kg dry	0.288	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.268**	J	ug/kg dry	0.237	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.182	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.156**	J	ug/kg dry	0.150	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.215	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.282	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.158	0.581	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.212	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.225	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.277	0.280	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.864	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.10	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.158	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.202	0.517	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.280	0.581	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0901	0.581	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.581	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.228	0.273	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER

Sample Information

Client Sample ID: **Sed-6** **York Sample ID:** **24C1134-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.864	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.883	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.452	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.357	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.253	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.246	0.282	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.180	0.279	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:15	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.921	1.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.05	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.18	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.888	2.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.262	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.01	2.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.288	0.291	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:15	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*90.5 %*		*25-150*
Surrogate: M5PFHxA	*99.2 %*		*25-150*
Surrogate: M4PFHpA	*79.7 %*		*25-150*
Surrogate: M3PFHxS	*95.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*96.1 %*		*25-150*
Surrogate: M6PFDA	*94.8 %*		*25-150*
Surrogate: M7PFUdA	*80.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*74.8 %*		*25-150*
Surrogate: M2PFTeDA	*78.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.00 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*104 %*		*25-150*

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*52.0 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*93.5 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*78.0 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*87.2 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*100 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*96.5 %*			*25-200*						
	Surrogate: M9PFNA	*90.4 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*73.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*56.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*46.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*95.0 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*56.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*61.4 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
309-00-2	Aldrin	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 NELAC-NY10854,NJDEP-CT005	03/22/2024 16:10	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854	03/22/2024 16:10	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications:	03/19/2024 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 16:10	TAH

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.239	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0478	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:10	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0241	1	EPA 8082A	03/19/2024 14:06	03/22/2024 05:48	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7140**		mg/kg dry	6.05	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-36-0	Antimony	ND		mg/kg dry	3.03	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-38-2	**Arsenic**	**3.01**		mg/kg dry	1.82	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-39-3	**Barium**	**29.7**		mg/kg dry	3.02	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-41-7	**Beryllium**	**0.559**		mg/kg dry	0.061	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-43-9	**Cadmium**	**0.434**		mg/kg dry	0.363	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-70-2	**Calcium**	**78300**		mg/kg dry	6.05	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-47-3	**Chromium**	**14.4**		mg/kg dry	0.606	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-48-4	**Cobalt**	**3.36**		mg/kg dry	0.484	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-50-8	**Copper**	**39.4**		mg/kg dry	2.42	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-89-6	**Iron**	**11200**		mg/kg dry	30.3	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-92-1	**Lead**	**23.8**		mg/kg dry	0.606	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-95-4	**Magnesium**	**46100**		mg/kg dry	6.06	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-96-5	**Manganese**	**172**		mg/kg dry	0.606	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-02-0	**Nickel**	**12.8**		mg/kg dry	1.21	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Sample Information

Client Sample ID: Sed-6 **York Sample ID:** 24C1134-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 1:05 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1810**	M-CCV 1	mg/kg dry	6.06	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.610	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**160**		mg/kg dry	60.5	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	3.03	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.3**		mg/kg dry	1.21	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**124**		mg/kg dry	3.01	1	EPA 6010D	03/23/2024 12:52	03/26/2024 13:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0436	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.726	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.8**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND	ICVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
74-88-4	* Iodomethane	ND	CCVE	ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	**Naphthalene**	**0.270**	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	tert-Amyl alcohol (TAA)	ND	ICVE	ug/L	4.16	8.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 01:58	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:05	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:05	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:05	SKF
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
91-58-7	2-Chloronaphthalene	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
95-57-8	2-Chlorophenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
91-57-6	2-Methylnaphthalene	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
95-48-7	2-Methylphenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
88-74-4	2-Nitroaniline	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
88-75-5	2-Nitrophenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
99-09-2	3-Nitroaniline	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF
106-47-8	4-Chloroaniline	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:05	SKF

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.05	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.01	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.05	10.1	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
2312-35-8	* Propargite	ND		ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF
110-86-1	Pyridine	ND	ICVE	ug/L	2.53	5.05	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:05	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.5 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.8 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.0 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.5 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.3 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.9 %*			*30.7-106*						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.576**	ICVE	ug/L	0.505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0202	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/L	0.505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.505	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:16	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0505	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:16	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0505	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:16	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND	ICVE	ug/L	0.253	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:16	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
62-75-9	N-Nitrosodimethylamine	ND	ICVE, QL-02	ug/L	0.505	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:16	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	ug/L	0.253	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:16	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
85-01-8	Phenanthrene	ND		ug/L	0.0505	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:16	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**0.0808**	CAL-E	ug/L	0.0505	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:16	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	03/21/2024 12:55	03/26/2024 20:44	KH NJDEP-CT005,NELAC-NY10854

CAS No.	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.4 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.446	1.68	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER NELAC-NY12058,NJDEP-NY037
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**2.94**	PF-CCV-H	ng/L	0.332	1.90	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER NELAC-NY12058,NJDEP-NY037
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**2.43**	PF-CCV-H	ng/L	0.674	1.90	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER NELAC-NY12058,NJDEP-NY037
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**2.77**	PF-CCV-H	ng/L	0.646	1.74	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER NELAC-NY12058,NJDEP-NY037
335-67-1	**Perfluorooctanoic acid (PFOA)**	**8.85**		ng/L	0.399	1.90	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER NELAC-NY12058,NJDEP-NY037
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**7.49**	PF-CCV-H	ng/L	0.779	1.77	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER NELAC-NY12058,NJDEP-NY037
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.494	1.90	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.712	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.836	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.703	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.655	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
2355-31-9	N-MeFOSAA	ND		ng/L	0.750	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
2991-50-6	N-EtFOSAA	ND		ng/L	0.978	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**3.12**	J	ng/L	0.218	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.836	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.864	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**1.76**	J	ng/L	1.01	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.95	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.313	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.475	3.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 15:52	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 15:52	ER
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.237	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 15:52	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.351	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 15:52	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.722	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.07	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	0.665	7.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER

Sample Information

Client Sample ID: **SWS-1** **York Sample ID:** **24C1134-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	ADONA	ND		ng/L	0.503	7.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
79780-39-5	*** Perfluorododecanesulfonic acid (PFDoS)**	**1.05**	PF-LCS-L, J	ng/L	0.883	1.84	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.817	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 15:52	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.75	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.96	23.7	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.00	23.7	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER
24448-09-7	* N-MeFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER
31506-32-8	*** N-MeFOSA**	**2.67**	PF-CCV-H, PF-LCS-H	ng/L	1.50	1.90	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER
1691-99-2	*** N-EtFOSE**	**5.88**	J	ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER
4151-50-2	* N-EtFOSA	ND	PF-CCV-L	ng/L	1.71	1.90	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 15:52	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*87.3 %*		*25-150*
Surrogate: M5PFHxA	*103 %*		*25-150*
Surrogate: M4PFHpA	*92.1 %*		*25-150*
Surrogate: M3PFHxS	*93.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*112 %*		*25-150*
Surrogate: M6PFDA	*92.2 %*		*25-150*
Surrogate: M7PFUdA	*64.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*47.1 %*		*25-150*
Surrogate: M2PFTeDA	*13.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.6 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*93.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*97.7 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*67.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*56.5 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*61.6 %*		*25-150*
Surrogate: M2-6:2 FTS	*86.8 %*		*25-200*

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2-8:2 FTS	*84.8 %*			*25-200*						
	Surrogate: M9PFNA	*100 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*117 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*31.3 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*17.0 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*106 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*7.84 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*13.6 %*	PFSu-L		*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	03/22/2024 08:11	03/22/2024 20:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	03/22/2024 08:11	03/22/2024 20:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	03/22/2024 08:11	03/22/2024 20:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	03/22/2024 08:11	03/22/2024 20:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	03/22/2024 08:11	03/22/2024 20:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	03/22/2024 08:11	03/22/2024 20:32	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:07	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: **SWS-1** **York Sample ID:** **24C1134-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

7429-90-5	**Aluminum**	**0.0676**		mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.0346**		mg/L	0.0278	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**53.7**		mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**1.00**		mg/L	0.278	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**13.0**	B	mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.167**		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1.55**		mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**61.0**		mg/L	0.556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SWS-1 **York Sample ID:** 24C1134-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 1:00 pm	03/19/2024

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	03/25/2024 08:12	03/25/2024 08:12	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	03/20/2024 14:39	03/20/2024 17:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND	ICVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	**Chlorobenzene**	**0.550**		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE	ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	**Naphthalene**	**0.560**	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-85-4	tert-Amyl alcohol (TAA)	ND	ICVE	ug/L	4.16	8.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:25	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:25	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:25	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:25	PD
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/21/2024 02:25	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:25	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:25	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:39	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:39	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 17:39	SKF
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:39	SKF
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:39	SKF
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:39	SKF
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:39	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:39	SKF
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:39	SKF
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 17:39	SKF

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.24	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.62	5.24	1	EPA 8270D	03/21/2024 08:46	03/22/2024 17:39	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.24	10.5	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
78-59-1	Isophorone	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-95-2	Phenol	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
2312-35-8	* Propargite	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39	SKF
110-86-1	Pyridine	ND	ICVE	ug/L	2.62	5.24	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 17:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.0 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*22.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.6 %*	*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0524	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
208-96-8	Acenaphthylene	ND		ug/L	0.0524	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0524	1	EPA 8270D SIM Certifications:	03/21/2024 08:46	03/22/2024 20:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/L	0.524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	ICVE	ug/L	0.524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0209	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/L	0.524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	ICVE	ug/L	0.262	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	ICVE, QL-02	ug/L	0.524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	ug/L	0.262	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0524	1	EPA 8270D SIM	03/21/2024 08:46	03/22/2024 20:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.304**		ug/L	0.300	1	EPA 8270E SIM	03/21/2024 12:55	03/26/2024 21:01	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.4 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**1.13**	J	ng/L	0.443	1.67	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**2.33**	PF-CCV-H	ng/L	0.330	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**1.26**	J	ng/L	0.669	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.641	1.72	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
335-67-1	**Perfluorooctanoic acid (PFOA)**	**2.85**		ng/L	0.396	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.23**	PF-CCV-H	ng/L	0.773	1.75	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.490	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.707	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.06	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.829	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.697	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.650	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NJDEP-NY037				
2355-31-9	N-MeFOSAA	ND		ng/L	0.744	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
2991-50-6	N-EtFOSAA	ND		ng/L	0.971	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**3.10**	J	ng/L	0.217	3.77	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NELAC-NY12058,NJDEP-NY037				
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.829	1.88	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NJDEP-NY037				
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.858	1.80	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NJDEP-NY037				
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.24	1.82	1	EPA 1633 Draft 3	03/22/2024 08:58	03/28/2024 16:08	ER
							Certifications: NJDEP-NY037				

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**1.71**	J	ng/L	0.999	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.93	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.311	7.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.471	3.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:08	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.02	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:08	ER
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.236	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:08	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.349	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:08	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.716	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.69	7.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.30	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	0.660	7.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
919005-14-4	ADONA	ND		ng/L	0.499	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.876	1.83	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.810	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:08	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.91	4.71	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.91	23.6	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.92	23.6	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER
24448-09-7	* N-MeFOSE	ND		ng/L	3.76	18.8	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER
31506-32-8	* N-MeFOSA	ND		ng/L	1.49	1.88	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER
1691-99-2	* N-EtFOSE	ND		ng/L	3.76	18.8	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER
4151-50-2	* N-EtFOSA	ND	PF-CCV-L	ng/L	1.70	1.88	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:08	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*87.4 %*	*25-150*

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	*105 %*			*25-150*						
	Surrogate: M4PFHpA	*93.7 %*			*25-150*						
	Surrogate: M3PFHxS	*95.3 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*			*25-150*						
	Surrogate: M6PFDA	*98.8 %*			*25-150*						
	Surrogate: M7PFUdA	*78.7 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*60.7 %*			*25-150*						
	Surrogate: M2PFTeDA	*34.1 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.3 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*108 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*93.8 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*77.0 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*63.6 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*65.9 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*70.5 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*83.7 %*			*25-200*						
	Surrogate: M9PFNA	*120 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*95.0 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*30.2 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*25.7 %*			*25-150*						
	Surrogate: M3HFPO-DA	*113 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*14.7 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*18.8 %*	PFSu-L		*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	03/22/2024 08:11	03/22/2024 20:49	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

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

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:21	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**33.4**		mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**0.579**		mg/L	0.278	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**6.68**	B	mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.128**		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1.13**		mg/L	0.0556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**23.9**		mg/L	0.556	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	03/25/2024 08:12	03/25/2024 08:12	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: SWS-2 **York Sample ID:** 24C1134-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 11:00 am	03/19/2024

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	03/20/2024 14:39	03/20/2024 17:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	03/20/2024 03:00	03/21/2024 02:51	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND	ICVE	ug/L	0.421	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE	ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	**Naphthalene**	**0.400**	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-85-4	tert-Amyl alcohol (TAA)	ND	ICVE	ug/L	4.16	8.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00	03/21/2024 02:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/21/2024 02:51	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:51	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	03/20/2024 03:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/21/2024 02:51	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 18:13	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 18:13	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	03/22/2024 18:13	SKF
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.26	10.5	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46	03/22/2024 18:13	SKF
110-86-1	Pyridine	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 18:13	SKF

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.6 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*21.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.7 %*	*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.21**	ICVE	ug/L	0.526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
87-68-3	Hexachlorobutadiene	ND	ICVE	ug/L	0.526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
91-20-3	**Naphthalene**	**0.137**	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/22/2024 21:17	SKF
98-95-3	Nitrobenzene	ND	ICVE	ug/L	0.263	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
62-75-9	N-Nitrosodimethylamine	ND	ICVE, QL-02	ug/L	0.526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	ug/L	0.263	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/22/2024 21:17	SKF
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	03/21/2024 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/22/2024 21:17	SKF

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	03/21/2024 12:55 NJDEP-CT005,NELAC-NY10854	03/26/2024 21:19	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.3 %*	*36.6-118*

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**1.09**	J	ng/L	0.453	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**2.56**	PF-CCV-H	ng/L	0.337	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**1.14**	J	ng/L	0.684	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.655	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
335-67-1	**Perfluorooctanoic acid (PFOA)**	**2.68**		ng/L	0.405	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.790	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.501	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.723	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.848	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.713	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.665	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
2355-31-9	N-MeFOSAA	ND		ng/L	0.761	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
2991-50-6	N-EtFOSAA	ND		ng/L	0.993	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**2.94**	J	ng/L	0.222	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.848	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.877	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**2.37**	J	ng/L	1.02	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.318	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.482	3.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:24	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.06	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:24	ER

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.241	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:24	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.357	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:24	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.732	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.72	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.11	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.33	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	0.675	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
919005-14-4	ADONA	ND		ng/L	0.511	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.896	1.87	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.829	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:24	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.82	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.06	24.1	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.13	24.1	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER
24448-09-7	* N-MeFOSE	ND		ng/L	3.84	19.3	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER
31506-32-8	* N-MeFOSA	ND		ng/L	1.52	1.93	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER
1691-99-2	* N-EtFOSE	ND		ng/L	3.84	19.3	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER
4151-50-2	* N-EtFOSA	ND	PF-CCV-L	ng/L	1.73	1.93	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:24	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*82.3 %*	*25-150*
Surrogate: M5PFHxA	*97.2 %*	*25-150*
Surrogate: M4PFHpA	*88.6 %*	*25-150*
Surrogate: M3PFHxS	*89.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*94.3 %*	*25-150*
Surrogate: M6PFDA	*94.3 %*	*25-150*
Surrogate: M7PFUdA	*75.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*65.3 %*	*25-150*

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2PFTeDA	*32.1 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.64 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*91.0 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*83.6 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*71.7 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*56.3 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*61.4 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*56.7 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*72.7 %*			*25-200*						
	Surrogate: M9PFNA	*108 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*80.2 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*1.76 %*	PFSu-L		*25-150*						
	Surrogate: d-N-EtFOSA	*16.2 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*99.5 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*10.7 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*17.3 %*	PFSu-L		*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	03/22/2024 08:11	03/22/2024 21:05	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	03/22/2024 08:11	03/22/2024 20:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	03/22/2024 20:34	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	03/22/2024 20:34	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	03/22/2024 08:11	03/22/2024 20:34	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7440-70-2	**Calcium**	**32.8**		mg/L	0.0556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/27/2024 13:33	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7439-89-6	**Iron**	**0.343**		mg/L	0.278	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/27/2024 13:33	AGNR
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7439-95-4	**Magnesium**	**6.63**	B	mg/L	0.0556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/27/2024 13:33	AGNR
7439-96-5	**Manganese**	**0.0977**		mg/L	0.00556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/27/2024 13:33	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7440-09-7	**Potassium**	**1.08**		mg/L	0.0556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/27/2024 13:33	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR
7440-23-5	**Sodium**	**23.3**		mg/L	0.556	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	03/27/2024 13:33	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	03/25/2024 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/27/2024 13:33	AGNR

Sample Information

Client Sample ID: SWS-3 **York Sample ID:** 24C1134-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 10:30 am	03/19/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	03/25/2024 08:34	03/27/2024 13:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	03/22/2024 08:30	03/22/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	03/25/2024 08:12	03/25/2024 08:12	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	03/20/2024 14:39	03/20/2024 17:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 24C1134-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 3:00 pm	03/19/2024

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24C1134-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 3:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.484	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.361	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.732	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.701	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.433	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.845	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.536	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.773	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.16	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.907	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.762	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.711	2.06	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
2355-31-9	N-MeFOSAA	ND		ng/L	0.814	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
2991-50-6	N-EtFOSAA	ND		ng/L	1.06	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.237	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.907	2.06	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.938	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.36	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**2.38**	J	ng/L	1.09	7.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.11	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.340	8.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.515	3.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:56	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.20	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:56	ER

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24C1134-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 3:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.258	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:56	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.381	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	03/22/2024 08:58	03/28/2024 16:56	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.783	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.84	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.33	8.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.42	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	0.721	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
919005-14-4	ADONA	ND		ng/L	0.546	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.958	2.00	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.886	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	03/22/2024 08:58	03/28/2024 16:56	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.09	5.15	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.55	25.8	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.76	25.8	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER
24448-09-7	* N-MeFOSE	ND		ng/L	4.11	20.6	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER
31506-32-8	* N-MeFOSA	ND		ng/L	1.63	2.06	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER
1691-99-2	* N-EtFOSE	ND		ng/L	4.11	20.6	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER
4151-50-2	* N-EtFOSA	ND	PF-CCV-L	ng/L	1.85	2.06	1	EPA 1633 Draft 3 Certifications:	03/22/2024 08:58	03/28/2024 16:56	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*86.2 %*	*25-150*
Surrogate: M5PFHxA	*94.0 %*	*25-150*
Surrogate: M4PFHpA	*98.0 %*	*25-150*
Surrogate: M3PFHxS	*93.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*	*25-150*
Surrogate: M6PFDA	*92.9 %*	*25-150*
Surrogate: M7PFUdA	*79.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*57.5 %*	*25-150*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24C1134-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Ground Water	March 18, 2024 3:00 pm	03/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2PFTeDA	*29.4 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.58 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*89.8 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*41.8 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*68.1 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*54.9 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*58.8 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*48.2 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*78.0 %*			*25-200*						
	Surrogate: M9PFNA	*95.7 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*43.3 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*27.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*18.3 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*106 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*6.29 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*12.1 %*	PFSu-L		*25-150*						

Sample Information

Client Sample ID: **Soil Boring 12B** **York Sample ID:** **24C1134-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Soil Boring 12B

York Sample ID: 24C1134-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**0.0035**	J	mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **Soil Boring 12B** **York Sample ID:** **24C1134-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0056**	J	mg/kg dry	0.0055	0.011	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	**Chlorobenzene**	**0.013**		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:29	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Soil Boring 12B

York Sample ID: 24C1134-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.044	0.088	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:29	SMA
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:29	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 15:29	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:29	SMA
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 15:29	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	03/22/2024 15:29	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	03/22/2024 15:29	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 15:29	SMA
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.044	0.088	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA

Sample Information

Client Sample ID: Soil Boring 12B

York Sample ID: 24C1134-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723	SMA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Soil Boring 12B

York Sample ID: 24C1134-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,PADEP-68-04440	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,PADEP-68-04440	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,PADEP-68-04440	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Soil Boring 12B

York Sample ID: 24C1134-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.213	0.425	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.213	0.425	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Soil Boring 12B

York Sample ID: 24C1134-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.305**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
118-74-1	Hexachlorobenzene	ND	CCVE	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Soil Boring 12B **York Sample ID:** 24C1134-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 10:45 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*70.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.8 %*	*24-116*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.3**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Soil Boring 13A **York Sample ID:** 24C1134-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Soil Boring 13A** **York Sample ID:** **24C1134-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
78-93-3	**2-Butanone**	**0.028**		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: **Soil Boring 13A** **York Sample ID:** **24C1134-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.094**		mg/kg dry	0.0047	0.0094	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	**Chlorobenzene**	**0.0031**	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**0.0029**	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/22/2024 07:30	03/22/2024 15:55	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Soil Boring 13A

York Sample ID: 24C1134-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.038	0.075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: Soil Boring 13A **York Sample ID:** 24C1134-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.038	0.075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 15:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **Soil Boring 13A** **York Sample ID:** **24C1134-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,PADEP-68-04440	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,PADEP-68-04440	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,PADEP-68-04440	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH

Sample Information

Client Sample ID: Soil Boring 13A

York Sample ID: 24C1134-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.188	0.377	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.377	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: Soil Boring 13A

York Sample ID: 24C1134-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0941	0.188	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND	CCVE	mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 20:36	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Soil Boring 13A **York Sample ID:** 24C1134-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:36 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D	03/19/2024 14:03	03/20/2024 20:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*89.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*85.9 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.4 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*123 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.2 %*		*24-116*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.3**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Soil Boring 13B **York Sample ID:** 24C1134-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Information

Client Sample ID: **Soil Boring 13B** **York Sample ID:** **24C1134-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	**1,4-Dichlorobenzene**	**0.0038**	J	mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.069	0.14	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C	03/22/2024 07:30	03/22/2024 16:21	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

Sample Information

Client Sample ID: Soil Boring 13B

York Sample ID: 24C1134-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.014	0.028	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.011**	J	mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	**Carbon disulfide**	**0.0050**	J	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	**Chlorobenzene**	**0.024**		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Soil Boring 13B

York Sample ID: 24C1134-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
98-82-8	**Isopropylbenzene**	**0.0072**		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	**Naphthalene**	**0.043**		mg/kg dry	0.0035	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	**n-Propylbenzene**	**0.0062**	J	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA

Sample Information

Client Sample ID: Soil Boring 13B

York Sample ID: 24C1134-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.056	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Soil Boring 13B** **York Sample ID:** **24C1134-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,PADEP-68-04440	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,PADEP-68-04440	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,PADEP-68-04440	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Soil Boring 13B

York Sample ID: 24C1134-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
62-53-3	Aniline	ND		mg/kg dry	0.231	0.462	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
92-87-5	Benzidine	ND		mg/kg dry	0.231	0.462	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	KH

Sample Information

Client Sample ID: Soil Boring 13B

York Sample ID: 24C1134-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.115	0.231	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND	CCVE	mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 21:10	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Soil Boring 13B **York Sample ID:** 24C1134-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 9:47 am	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D	03/19/2024 14:03	03/20/2024 21:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D	03/19/2024 14:03	03/20/2024 21:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D	03/19/2024 14:03	03/20/2024 21:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D	03/19/2024 14:03	03/20/2024 21:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D	03/19/2024 14:03	03/20/2024 21:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D	03/19/2024 14:03	03/20/2024 21:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0579	0.115	2	EPA 8270D	03/19/2024 14:03	03/20/2024 21:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.3 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.6 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*113 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.7 %*		*24-116*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.0**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.013	0.026	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		mg/kg dry	0.0033	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 16:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.6 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,PADEP-68-04440	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,PADEP-68-04440	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,PADEP-68-04440	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.200	0.399	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.200	0.399	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**0.255**		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.370**		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.376**		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.346**		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.292**		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	**Benzoic acid**	**0.326**	CAL-E	mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 14:41	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.131**		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.0997	0.199	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.313**		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0701**	J	mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.482**		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.373**		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.184**		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.557**		mg/kg dry	0.0500	0.0997	2	EPA 8270D	03/19/2024 14:03	03/20/2024 14:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*60.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	03/19/2024 14:16	03/26/2024 03:12	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:31	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0827**	J	ug/kg dry	0.0636	0.240	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:31	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.137**	J	ug/kg dry	0.126	0.240	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:31	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.215	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.307**		ug/kg dry	0.206	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.867**	PF-CCV-H	ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.257**		ug/kg dry	0.227	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.229	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.237	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.195	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.177	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.233	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.131	0.480	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.186	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.714	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.905	0.921	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.959	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.231	0.480	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0744	0.480	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.480	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.188	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.714	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.729	0.959	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.373	0.907	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.295	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.209	0.907	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:31	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.760	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.52	6.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.80	6.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.733	2.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.836	2.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.237	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:31	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*91.0 %*		*25-150*
Surrogate: M5PFHxA	*85.3 %*		*25-150*
Surrogate: M4PFHpA	*76.2 %*		*25-150*
Surrogate: M3PFHxS	*95.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*100 %*		*25-150*
Surrogate: M6PFDA	*88.4 %*		*25-150*
Surrogate: M7PFUdA	*85.0 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.3 %*		*25-150*
Surrogate: M2PFTeDA	*69.4 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.20 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*89.5 %*		*25-150*

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*16.2 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*88.2 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*63.6 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*82.7 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*59.7 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*69.8 %*			*25-200*						
	Surrogate: M9PFNA	*88.2 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*51.0 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*59.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*48.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*87.0 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*55.6 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*58.8 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0394	5	EPA 8081B	03/19/2024 14:06	03/22/2024 16:28	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15400**		mg/kg dry	5.00	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-36-0	Antimony	ND		mg/kg dry	2.50	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-38-2	**Arsenic**	**10.4**		mg/kg dry	1.50	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-39-3	**Barium**	**75.7**		mg/kg dry	2.49	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-41-7	**Beryllium**	**0.622**		mg/kg dry	0.050	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-43-9	Cadmium	ND		mg/kg dry	0.300	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-70-2	**Calcium**	**7760**		mg/kg dry	5.00	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.500	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-48-4	**Cobalt**	**10.6**		mg/kg dry	0.399	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-50-8	**Copper**	**47.9**		mg/kg dry	2.00	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-89-6	**Iron**	**27200**		mg/kg dry	25.0	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-92-1	**Lead**	**42.1**		mg/kg dry	0.500	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-95-4	**Magnesium**	**8320**		mg/kg dry	5.00	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-96-5	**Manganese**	**1190**		mg/kg dry	0.500	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-02-0	**Nickel**	**24.7**		mg/kg dry	0.995	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Sample Information

Client Sample ID: Soil Boring 14 **York Sample ID:** 24C1134-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1300**	M-CCV 1	mg/kg dry	5.00	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**3.70**		mg/kg dry	2.50	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.504	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	50.0	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.50	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.5**		mg/kg dry	0.995	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**115**		mg/kg dry	2.49	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0706**		mg/kg dry	0.0360	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.600	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.4**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.081	0.16	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 17:13	SMA
78-93-3	2-Butanone	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.016	0.032	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:13	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
67-64-1	Acetone	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:13	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:13	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:13	SMA

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
64-17-5	* Ethanol	ND		mg/kg dry	0.065	0.13	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0040	0.016	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.065	0.13	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.1 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,PADEP-68-04440	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,PADEP-68-04440	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,PADEP-68-04440	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0988	0.197	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.198	0.396	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.396	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**0.293**		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.395**		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.415**		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.347**		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.292**		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	**Benzoic acid**	**0.388**	CAL-E	mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:11	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.165**		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.0988	0.197	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.363**		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0727**	J	mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.617**		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.397**		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.246**		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.742**		mg/kg dry	0.0495	0.0988	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*85.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM	03/19/2024 14:16	03/26/2024 03:29	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.132	0.210	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:47	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0630	0.238	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:47	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.238	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 22:47	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.271**		ug/kg dry	0.205	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.594**	PF-CCV-H	ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.227	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.235	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.231	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.184	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.707	0.904	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.898	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.951	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.165	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.229	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0737	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.476	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.707	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.723	0.951	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.370	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.292	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.207	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.201	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 22:47	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.754	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.49	5.94	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.94	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.726	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.214	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.829	2.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.235	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 22:47	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*69.5 %*		*25-150*
Surrogate: M5PFHxA	*74.6 %*		*25-150*
Surrogate: M4PFHpA	*75.0 %*		*25-150*
Surrogate: M3PFHxS	*82.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*88.8 %*		*25-150*
Surrogate: M6PFDA	*78.8 %*		*25-150*
Surrogate: M7PFUdA	*72.3 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*81.3 %*		*25-150*
Surrogate: M2PFTeDA	*61.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.992 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.4 %*		*25-150*

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.12 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*75.9 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*59.0 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*71.7 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*46.2 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*65.0 %*			*25-200*						
	Surrogate: M9PFNA	*80.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*37.9 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*52.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*44.9 %*			*25-150*						
	Surrogate: M3HFPO-DA	*73.2 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*52.2 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*51.0 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0391	5	EPA 8081B	03/19/2024 14:06	03/21/2024 02:56	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:15	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17000**		mg/kg dry	4.95	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.48	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.4**		mg/kg dry	1.49	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**74.1**		mg/kg dry	2.47	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.551**		mg/kg dry	0.050	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.297	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7160**		mg/kg dry	4.95	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.496	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.396	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**50.9**		mg/kg dry	1.98	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**30400**		mg/kg dry	24.8	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**36.6**		mg/kg dry	0.496	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**9420**		mg/kg dry	4.96	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**1240**		mg/kg dry	0.496	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**27.4**		mg/kg dry	0.987	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Soil Boring 14 Dup

York Sample ID: 24C1134-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:00 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1420**	M-CCV 1	mg/kg dry	4.96	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**5.90**		mg/kg dry	2.48	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.499	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	49.5	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.48	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.0**		mg/kg dry	0.987	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**113**		mg/kg dry	2.47	1	EPA 6010D	03/25/2024 14:04	03/26/2024 13:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0697**		mg/kg dry	0.0357	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.594	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.1**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Soil Boring 15** **York Sample ID:** **24C1134-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	03/22/2024 17:40	SMA
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.025	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:40	SMA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
591-78-6	2-Hexanone	ND	CCVE	mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
67-64-1	Acetone	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
107-02-8	Acrolein	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:40	SMA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/22/2024 17:40	SMA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/22/2024 17:40	SMA

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
64-17-5	*** Ethanol**	**0.13**		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE	mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND	CAL-E	mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		mg/kg dry	0.0031	0.012	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	* tert-Amyl alcohol (TAA)	ND	CCVE	mg/kg dry	0.050	0.10	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications:	03/22/2024 07:30	03/22/2024 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.9 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Soil Boring 15** **York Sample ID:** **24C1134-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,PADEP-68-04440	SKF
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,PADEP-68-04440	SKF
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,PADEP-68-04440	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND	CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.207	0.414	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.207	0.414	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**0.106**		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.121**		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.132**		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.126**		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.101**	J	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0867**	J	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
105-60-2	Caprolactam	ND		mg/kg dry	0.103	0.206	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	**Chrysene**	**0.116**		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	**Fluoranthene**	**0.189**		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.139**		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D Certifications:	03/19/2024 14:03	03/20/2024 15:42	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0518	0.103	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0520**	J	mg/kg dry	0.0518	0.103	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.213**		mg/kg dry	0.0518	0.103	2	EPA 8270D	03/19/2024 14:03	03/20/2024 15:42	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	03/19/2024 14:16	03/26/2024 03:47	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 23:03	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.133**	J	ug/kg dry	0.0658	0.248	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 23:03	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.147**	J	ug/kg dry	0.130	0.248	1	EPA 1633 Draft 3	03/22/2024 15:34	03/27/2024 23:03	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.222	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.455**		ug/kg dry	0.214	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.54**	PF-CCV-H	ug/kg dry	0.207	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.235	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.237	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.202	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.155	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.128	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.184	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.241	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.135	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.181	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.237	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.739	0.944	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.938	0.954	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.135	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.240	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0770	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.119	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.195	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.739	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.755	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.386	0.939	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.306	0.929	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.216	0.939	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.210	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	03/22/2024 15:34	03/27/2024 23:03	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.788	1.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.61	6.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.86	6.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.759	2.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.224	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.866	2.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.246	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	03/22/2024 15:34	03/27/2024 23:03	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*78.6 %*		*25-150*
Surrogate: M5PFHxA	*79.9 %*		*25-150*
Surrogate: M4PFHpA	*78.6 %*		*25-150*
Surrogate: M3PFHxS	*84.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*91.0 %*		*25-150*
Surrogate: M6PFDA	*89.0 %*		*25-150*
Surrogate: M7PFUdA	*93.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*86.3 %*		*25-150*
Surrogate: M2PFTeDA	*71.8 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.29 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*82.9 %*		*25-150*

Sample Information

Client Sample ID: **Soil Boring 15** **York Sample ID:** **24C1134-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*13.9 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*85.6 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*64.8 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*72.6 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*46.8 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*45.8 %*			*25-200*						
	Surrogate: M9PFNA	*102 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*40.7 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*63.3 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*48.9 %*			*25-150*						
	Surrogate: M3HFPO-DA	*79.8 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*53.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*60.2 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.204	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0409	5	EPA 8081B	03/19/2024 14:06	03/21/2024 03:13	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A	03/19/2024 14:06	03/22/2024 06:29	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**18800**		mg/kg dry	5.18	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-36-0	Antimony	ND		mg/kg dry	2.59	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
7440-38-2	**Arsenic**	**10.3**		mg/kg dry	1.55	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-39-3	**Barium**	**80.5**		mg/kg dry	2.58	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-41-7	**Beryllium**	**0.606**		mg/kg dry	0.052	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-43-9	**Cadmium**	**0.384**		mg/kg dry	0.311	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-70-2	**Calcium**	**5490**		mg/kg dry	5.18	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-47-3	**Chromium**	**19.6**		mg/kg dry	0.518	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-48-4	**Cobalt**	**9.98**		mg/kg dry	0.414	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-50-8	**Copper**	**36.6**		mg/kg dry	2.07	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-89-6	**Iron**	**28600**		mg/kg dry	25.9	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-92-1	**Lead**	**34.5**		mg/kg dry	0.518	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-95-4	**Magnesium**	**7930**		mg/kg dry	5.18	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-96-5	**Manganese**	**951**		mg/kg dry	0.518	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-02-0	**Nickel**	**25.0**		mg/kg dry	1.03	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Sample Information

Client Sample ID: Soil Boring 15 **York Sample ID:** 24C1134-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Soil	March 18, 2024 4:25 pm	03/19/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1280**		mg/kg dry	5.18	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.59	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**138**		mg/kg dry	51.8	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.59	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	1.03	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**102**		mg/kg dry	2.58	1	EPA 6010D	03/22/2024 14:58	03/26/2024 20:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0832**		mg/kg dry	0.0373	1	EPA 7473	03/26/2024 09:37	03/27/2024 09:11	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.621	1	EPA 9014/9010C	03/20/2024 14:42	03/20/2024 19:36	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.5**		%	0.100	1	SM 2540G	03/21/2024 13:56	03/21/2024 16:13	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Rinseate** **York Sample ID:** **24C1134-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.08	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.33	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.28	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.43	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.24	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	1.36	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.64	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.57	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.11	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.36	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	1.28	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.690	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.55	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.16	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	1.08	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.35	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	1.88	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	1.64	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.74	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	1.42	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	1.30	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	1.56	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	176	400	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: **Rinseate** **York Sample ID:** **24C1134-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	2.33	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	2.10	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	1.88	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	**2-Hexanone**	**4.90**		ug/L	1.60	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
106-43-4	4-Chlorotoluene	ND		ug/L	1.56	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.82	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**30.0**	ICVE	ug/L	6.70	10.0	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		ug/L	2.24	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	2.11	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND	QL-02	ug/L	1.40	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	1.84	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	1.77	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.60**		ug/L	1.22	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-25-2	Bromoform	ND		ug/L	0.815	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.595	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	1.81	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	1.02	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND	QL-02	ug/L	1.42	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	2.24	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**14.4**	QL-02	ug/L	1.22	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
74-87-3	Chloromethane	ND		ug/L	1.86	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	1.47	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.31	2.50	5	EPA 8260D	03/27/2024 08:00	03/27/2024 13:47	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Rinseate** **York Sample ID:** **24C1134-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	2.46	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.730	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	1.02	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.26	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	2.33	4.00	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	1.45	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.40	4.00	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-68-3	Hexachlorobutadiene	ND		ug/L	1.20	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE, ICVE, QL-02	ug/L	2.38	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB
98-82-8	Isopropylbenzene	ND		ug/L	2.02	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	2.21	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		ug/L	2.08	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.22	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	2.38	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	1.98	10.0	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	1.06	10.0	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	2.00	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	1.92	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	1.30	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		ug/L	2.89	5.00	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
105-05-5	* p-Diethylbenzene	ND		ug/L	1.70	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	1.00	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	1.88	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **Rinseate** **York Sample ID:** **24C1134-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1134	Willow Brook Rentals LLC	Water	March 18, 2024 4:30 pm	03/19/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	2.22	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	1.28	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	20.8	40.0	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	2.56	4.00	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	3.04	5.00	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	1.84	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.20	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		ug/L	2.42	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB
108-88-3	Toluene	ND		ug/L	1.73	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.40	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.14	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.42	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND	QL-02	ug/L	1.24	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	1.68	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		ug/L	2.38	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		ug/L	2.34	2.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	4.20	7.50	5	EPA 8260D Certifications:	03/27/2024 08:00	03/27/2024 13:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*122 %*	*79-122*

Analytical Batch Summary

Batch ID: BC41357 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-04	Sed-4	03/19/24
24C1134-05	Sed-5	03/19/24
24C1134-06	Sed-6	03/19/24
24C1134-11	Soil Boring 12B	03/19/24
24C1134-12	Soil Boring 13A	03/19/24
24C1134-13	Soil Boring 13B	03/19/24
24C1134-14	Soil Boring 14	03/19/24
24C1134-15	Soil Boring 14 Dup	03/19/24
24C1134-16	Soil Boring 15	03/19/24
BC41357-BLK1	Blank	03/19/24
BC41357-BS1	LCS	03/19/24
BC41357-MS1	Matrix Spike	03/19/24
BC41357-MSD1	Matrix Spike Dup	03/19/24

Batch ID: BC41358 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/19/24
24C1134-01	Sed-1	03/19/24
24C1134-02	Sed-2	03/19/24
24C1134-02	Sed-2	03/19/24
24C1134-03	Sed-3	03/19/24
24C1134-03	Sed-3	03/19/24
24C1134-04	Sed-4	03/19/24
24C1134-04	Sed-4	03/19/24
24C1134-05	Sed-5	03/19/24
24C1134-05	Sed-5	03/19/24
24C1134-06	Sed-6	03/19/24
24C1134-06	Sed-6	03/19/24
24C1134-14	Soil Boring 14	03/19/24
24C1134-14	Soil Boring 14	03/19/24
24C1134-15	Soil Boring 14 Dup	03/19/24
24C1134-15	Soil Boring 14 Dup	03/19/24
24C1134-16	Soil Boring 15	03/19/24
24C1134-16	Soil Boring 15	03/19/24
BC41358-BLK1	Blank	03/19/24
BC41358-BLK2	Blank	03/19/24
BC41358-BS1	LCS	03/19/24
BC41358-BS2	LCS	03/19/24
BC41358-MS1	Matrix Spike	03/19/24
BC41358-MS2	Matrix Spike	03/19/24
BC41358-MSD1	Matrix Spike Dup	03/19/24
BC41358-MSD2	Matrix Spike Dup	03/19/24

Batch ID: BC41362 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/19/24
24C1134-02	Sed-2	03/19/24
24C1134-03	Sed-3	03/19/24
24C1134-04	Sed-4	03/19/24
24C1134-05	Sed-5	03/19/24
24C1134-06	Sed-6	03/19/24
24C1134-14	Soil Boring 14	03/19/24
24C1134-15	Soil Boring 14 Dup	03/19/24
24C1134-16	Soil Boring 15	03/19/24
BC41362-BLK1	Blank	03/19/24
BC41362-BS1	LCS	03/19/24
BC41362-MS1	Matrix Spike	03/19/24
BC41362-MSD1	Matrix Spike Dup	03/19/24

Batch ID: BC41365 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/19/24
24C1134-02	Sed-2	03/19/24
24C1134-03	Sed-3	03/19/24
BC41365-BLK1	Blank	03/19/24
BC41365-BS1	LCS	03/19/24
BC41365-MS1	Matrix Spike	03/19/24
BC41365-MSD1	Matrix Spike Dup	03/19/24

Batch ID: BC41427 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/20/24
24C1134-08	SWS-2	03/20/24
24C1134-09	SWS-3	03/20/24
BC41427-BLK1	Blank	03/20/24
BC41427-BS1	LCS	03/20/24
BC41427-BSD1	LCS Dup	03/20/24

Batch ID: BC41462 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/20/24
24C1134-08	SWS-2	03/20/24
24C1134-09	SWS-3	03/20/24
BC41462-BLK1	Blank	03/20/24
BC41462-BS1	LCS	03/20/24
BC41462-DUP1	Duplicate	03/20/24
BC41462-MS1	Matrix Spike	03/20/24
BC41462-MSD1	Matrix Spike Dup	03/20/24

Batch ID: BC41463 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/20/24
24C1134-02	Sed-2	03/20/24
24C1134-03	Sed-3	03/20/24
24C1134-04	Sed-4	03/20/24
24C1134-05	Sed-5	03/20/24
24C1134-06	Sed-6	03/20/24
24C1134-14	Soil Boring 14	03/20/24
24C1134-15	Soil Boring 14 Dup	03/20/24
24C1134-16	Soil Boring 15	03/20/24
BC41463-BLK1	Blank	03/20/24
BC41463-DUP1	Duplicate	03/20/24
BC41463-MS1	Matrix Spike	03/20/24
BC41463-MSD1	Matrix Spike Dup	03/20/24
BC41463-SRM1	Reference	03/20/24

Batch ID: BC41513 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/21/24
24C1134-08	SWS-2	03/21/24
24C1134-09	SWS-3	03/21/24
BC41513-BLK1	Blank	03/21/24
BC41513-BLK2	Blank	03/21/24
BC41513-BS1	LCS	03/21/24
BC41513-BS2	LCS	03/21/24
BC41513-BSD1	LCS Dup	03/21/24

Batch ID: BC41548 **Preparation Method:** EPA 3535A **Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/21/24
24C1134-08	SWS-2	03/21/24
24C1134-09	SWS-3	03/21/24
BC41548-BLK1	Blank	03/21/24
BC41548-BS1	LCS	03/21/24
BC41548-MS1	Matrix Spike	03/21/24
BC41548-MSD1	Matrix Spike Dup	03/21/24

Batch ID: BC41556 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/21/24
24C1134-02	Sed-2	03/21/24
24C1134-03	Sed-3	03/21/24
24C1134-04	Sed-4	03/21/24

24C1134-05	Sed-5	03/21/24
24C1134-06	Sed-6	03/21/24
24C1134-11	Soil Boring 12B	03/21/24
24C1134-12	Soil Boring 13A	03/21/24
24C1134-13	Soil Boring 13B	03/21/24
24C1134-14	Soil Boring 14	03/21/24
24C1134-15	Soil Boring 14 Dup	03/21/24
24C1134-16	Soil Boring 15	03/21/24
BC41556-DUP1	Duplicate	03/21/24

Batch ID: BC41592 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** RJ

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/22/24
24C1134-07	SWS-1	03/22/24
24C1134-08	SWS-2	03/22/24
24C1134-08	SWS-2	03/22/24
24C1134-09	SWS-3	03/22/24
24C1134-09	SWS-3	03/22/24
BC41592-BLK1	Blank	03/22/24
BC41592-BLK2	Blank	03/22/24
BC41592-BS1	LCS	03/22/24
BC41592-BS2	LCS	03/22/24
BC41592-BSD1	LCS Dup	03/22/24
BC41592-BSD2	LCS Dup	03/22/24

Batch ID: BC41601 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/22/24
24C1134-08	SWS-2	03/22/24
24C1134-09	SWS-3	03/22/24
BC41601-BLK1	Blank	03/22/24
BC41601-BS1	LCS	03/22/24
BC41601-DUP1	Duplicate	03/22/24
BC41601-MS1	Matrix Spike	03/22/24

Batch ID: BC41614 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/22/24
24C1134-08	SWS-2	03/22/24
24C1134-09	SWS-3	03/22/24
24C1134-10	Field Blank	03/22/24
BC41614-BLK1	Blank	03/22/24
BC41614-BS1	LCS	03/22/24
BC41614-BS2	LCS	03/22/24
BC41614-DUP1	Duplicate	03/22/24

Batch ID: BC41615 **Preparation Method:** EPA 5035A **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/22/24
24C1134-02	Sed-2	03/22/24
24C1134-03	Sed-3	03/22/24
BC41615-BLK1	Blank	03/22/24
BC41615-BLK2	Blank	03/22/24
BC41615-BS1	LCS	03/22/24
BC41615-BS2	LCS	03/22/24
BC41615-BSD1	LCS Dup	03/22/24

Batch ID: BC41616 **Preparation Method:** EPA 5035A **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-04	Sed-4	03/22/24
24C1134-05	Sed-5	03/22/24
24C1134-06	Sed-6	03/22/24
24C1134-11	Soil Boring 12B	03/22/24
24C1134-12	Soil Boring 13A	03/22/24
24C1134-13	Soil Boring 13B	03/22/24
24C1134-14	Soil Boring 14	03/22/24
24C1134-15	Soil Boring 14 Dup	03/22/24
24C1134-16	Soil Boring 15	03/22/24
BC41616-BLK1	Blank	03/22/24
BC41616-BS1	LCS	03/22/24
BC41616-BSD1	LCS Dup	03/22/24

Batch ID: BC41653 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-16	Soil Boring 15	03/22/24
BC41653-BLK1	Blank	03/22/24
BC41653-DUP1	Duplicate	03/22/24
BC41653-MS1	Matrix Spike	03/22/24
BC41653-PS1	Post Spike	03/22/24
BC41653-SRM1	Reference	03/22/24

Batch ID: BC41656 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/22/24
24C1134-02	Sed-2	03/22/24
24C1134-03	Sed-3	03/22/24
24C1134-04	Sed-4	03/22/24
24C1134-05	Sed-5	03/22/24
24C1134-06	Sed-6	03/22/24
24C1134-14	Soil Boring 14	03/22/24
24C1134-15	Soil Boring 14 Dup	03/22/24
24C1134-16	Soil Boring 15	03/22/24

BC41656-BLK1	Blank	03/22/24
BC41656-BS1	LCS	03/22/24
BC41656-BS2	LCS	03/22/24
BC41656-DUP1	Duplicate	03/22/24

Batch ID: BC41686 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/23/24
24C1134-02	Sed-2	03/23/24
24C1134-03	Sed-3	03/23/24
24C1134-04	Sed-4	03/23/24
24C1134-05	Sed-5	03/23/24
24C1134-06	Sed-6	03/23/24
BC41686-BLK1	Blank	03/23/24
BC41686-DUP1	Duplicate	03/23/24
BC41686-MS1	Matrix Spike	03/23/24
BC41686-PS1	Post Spike	03/23/24
BC41686-SRM1	Reference	03/23/24

Batch ID: BC41732 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/25/24
24C1134-08	SWS-2	03/25/24
24C1134-09	SWS-3	03/25/24
BC41732-BLK1	Blank	03/25/24
BC41732-BLK2	Blank	03/25/24
BC41732-BS1	LCS	03/25/24
BC41732-BS2	LCS	03/25/24

Batch ID: BC41749 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-07	SWS-1	03/25/24
24C1134-08	SWS-2	03/25/24
24C1134-09	SWS-3	03/25/24
BC41749-BLK1	Blank	03/25/24
BC41749-BS1	LCS	03/25/24
BC41749-DUP1	Duplicate	03/25/24
BC41749-MS1	Matrix Spike	03/25/24
BC41749-PS1	Post Spike	03/25/24

Batch ID: BC41771 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-14	Soil Boring 14	03/25/24
24C1134-15	Soil Boring 14 Dup	03/25/24
BC41771-BLK1	Blank	03/25/24

BC41771-DUP1	Duplicate	03/25/24
BC41771-MS1	Matrix Spike	03/25/24
BC41771-PS1	Post Spike	03/25/24
BC41771-SRM1	Reference	03/25/24

Batch ID: BC41839 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-01	Sed-1	03/26/24
24C1134-02	Sed-2	03/26/24
24C1134-03	Sed-3	03/26/24
24C1134-04	Sed-4	03/26/24
24C1134-05	Sed-5	03/26/24
24C1134-06	Sed-6	03/26/24
24C1134-14	Soil Boring 14	03/26/24
24C1134-15	Soil Boring 14 Dup	03/26/24
24C1134-16	Soil Boring 15	03/26/24
BC41839-BLK1	Blank	03/26/24
BC41839-DUP1	Duplicate	03/26/24
BC41839-MS1	Matrix Spike	03/26/24
BC41839-SRM1	Reference	03/26/24

Batch ID: BC41926 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
24C1134-17	Rinseate	03/27/24
BC41926-BLK1	Blank	03/27/24
BC41926-BS1	LCS	03/27/24
BC41926-BSD1	LCS Dup	03/27/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41427 - EPA 5030B											
Blank (BC41427-BLK1)									Prepared & Analyzed: 03/20/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41427 - EPA 5030B											
Blank (BC41427-BLK1)											Prepared & Analyzed: 03/20/2024
Dichlorodifluoromethane	ND	0.500	ug/L								
Diisopropyl ether (DIPE)	ND	0.800	"								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	0.830	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.45*		*"*	*10.0*		*94.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41427 - EPA 5030B											
LCS (BC41427-BS1)							Prepared & Analyzed: 03/20/2024				
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-130				
1,1,2,2-Tetrachloroethane	12.6		"	10.0		126	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	70-130				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.8		"	10.0		118	70-130				
1,1-Dichloropropylene	12.0		"	10.0		120	83-133				
1,2,3-Trichlorobenzene	8.12		"	10.0		81.2	76-130				
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4,5-Tetramethylbenzene	10.8		"	10.0		108	85-140				
1,2,4-Trichlorobenzene	8.76		"	10.0		87.6	76-130				
1,2,4-Trimethylbenzene	11.9		"	10.0		119	82-132				
1,2-Dibromo-3-chloropropane	9.43		"	10.0		94.3	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-130				
1,2-Dichloropropane	11.2		"	10.0		112	78-126				
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,3-Dichloropropane	10.8		"	10.0		108	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
1,4-Dioxane	210		"	210		100	40-160				
2,2-Dichloropropane	10.2		"	10.0		102	56-150				
2-Butanone	8.16		"	10.0		81.6	49-152				
2-Chlorotoluene	11.7		"	10.0		117	79-130				
2-Hexanone	7.90		"	10.0		79.0	51-146				
4-Chlorotoluene	11.8		"	10.0		118	79-128				
4-Methyl-2-pentanone	9.77		"	10.0		97.7	57-145				
Acetone	5.25		"	10.0		52.5	40-150				
Acrolein	11.2		"	10.0		112	10-153				
Acrylonitrile	10.9		"	10.0		109	51-150				
Benzene	12.0		"	10.0		120	85-126				
Bromobenzene	12.3		"	10.0		123	78-129				
Bromochloromethane	10.9		"	10.0		109	77-128				
Bromodichloromethane	11.0		"	10.0		110	79-128				
Bromoform	8.67		"	10.0		86.7	78-130				
Bromomethane	8.45		"	10.0		84.5	43-160				
Carbon disulfide	11.2		"	10.0		112	68-146				
Carbon tetrachloride	11.9		"	10.0		119	77-130				
Chlorobenzene	10.9		"	10.0		109	88-120				
Chloroethane	11.2		"	10.0		112	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	10.7		"	10.0		107	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-130				
Cyclohexane	12.4		"	10.0		124	70-130				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	12.3		"	10.0		123	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41427 - EPA 5030B											
LCS (BC41427-BS1)								Prepared & Analyzed: 03/20/2024			
Diisopropyl ether (DIPE)	10.8		ug/L	10.0		108	70-130				
Ethyl Benzene	11.8		"	10.0		118	80-130				
Ethyl tert-butyl ether (ETBE)	10.6		"	10.0		106	70-130				
Hexachlorobutadiene	8.84		"	10.0		88.4	67-146				
Iodomethane	10.1		"	10.0		101	70-130				
Isopropylbenzene	12.5		"	10.0		125	76-130				
Methyl acetate	10.2		"	10.0		102	70-130				
Methyl Methacrylate	10.5		"	10.0		105	72-132				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-130				
Methylcyclohexane	12.0		"	10.0		120	72-130				
Methylene chloride	10.1		"	10.0		101	70-130				
Naphthalene	10.8		"	10.0		108	70-147				
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.4		"	10.0		124	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	23.2		"	20.0		116	77-130				
p-Diethylbenzene	11.5		"	10.0		115	84-134				
p-Ethyltoluene	12.6		"	10.0		126	88-129				
p-Isopropyltoluene	11.6		"	10.0		116	81-136				
sec-Butylbenzene	12.2		"	10.0		122	79-137				
Styrene	11.0		"	10.0		110	70-130				
tert-Amyl alcohol (TAA)	74.8		"	100		74.8	70-130				
tert-Amyl methyl ether (TAME)	10.5		"	10.0		105	70-130				
tert-Butyl alcohol (TBA)	55.4		"	50.0		111	25-162				
tert-Butylbenzene	11.8		"	10.0		118	77-138				
Tetrachloroethylene	5.62		"	10.0		56.2	82-130	Low Bias			
Tetrahydrofuran	8.06		"	10.0		80.6	36-166				
Toluene	11.6		"	10.0		116	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-130				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-130				
trans-1,4-dichloro-2-butene	11.6		"	10.0		116	63-141				
Trichloroethylene	10.9		"	10.0		109	82-128				
Trichlorofluoromethane	12.0		"	10.0		120	67-139				
Vinyl acetate	23.2		"	10.0		232	21-90	High Bias			
Vinyl Chloride	12.0		"	10.0		120	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41427 - EPA 5030B											
LCS Dup (BC41427-BSD1)							Prepared & Analyzed: 03/20/2024				
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.55	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	78-130		10.2	20	
1,1,2,2-Tetrachloroethane	12.9		"	10.0		129	76-129		2.20	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130		10.1	20	
1,1,2-Trichloroethane	11.0		"	10.0		110	82-123		4.65	20	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		7.07	20	
1,1-Dichloroethylene	10.8		"	10.0		108	70-130		8.79	20	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		10.8	30	
1,2,3-Trichlorobenzene	8.96		"	10.0		89.6	76-130		9.84	20	
1,2,3-Trichloropropane	11.5		"	10.0		115	77-128		0.783	30	
1,2,4,5-Tetramethylbenzene	10.5		"	10.0		105	85-140		2.82	30	
1,2,4-Trichlorobenzene	9.07		"	10.0		90.7	76-130		3.48	20	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		10.1	20	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147		13.9	20	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		5.33	20	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		2.46	20	
1,2-Dichloroethane	11.1		"	10.0		111	73-130		2.64	20	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		6.18	20	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		12.6	30	
1,3-Dichlorobenzene	9.58		"	10.0		95.8	86-122		7.05	20	
1,3-Dichloropropane	11.0		"	10.0		110	81-125		1.75	30	
1,4-Dichlorobenzene	9.54		"	10.0		95.4	85-124		6.78	20	
1,4-Dioxane	232		"	210		110	40-160		9.81	20	
2,2-Dichloropropane	9.27		"	10.0		92.7	56-150		10.0	30	
2-Butanone	8.80		"	10.0		88.0	49-152		7.55	20	
2-Chlorotoluene	11.1		"	10.0		111	79-130		5.52	30	
2-Hexanone	8.90		"	10.0		89.0	51-146		11.9	20	
4-Chlorotoluene	10.5		"	10.0		105	79-128		11.5	30	
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145		13.5	20	
Acetone	5.43		"	10.0		54.3	40-150		3.37	20	
Acrolein	12.4		"	10.0		124	10-153		10.5	30	
Acrylonitrile	11.6		"	10.0		116	51-150		6.38	30	
Benzene	11.2		"	10.0		112	85-126		7.07	20	
Bromobenzene	11.2		"	10.0		112	78-129		9.30	30	
Bromochloromethane	10.9		"	10.0		109	77-128		0.184	20	
Bromodichloromethane	10.7		"	10.0		107	79-128		3.04	20	
Bromoform	9.34		"	10.0		93.4	78-130		7.44	20	
Bromomethane	9.15		"	10.0		91.5	43-160		7.95	20	
Carbon disulfide	9.94		"	10.0		99.4	68-146		11.7	20	
Carbon tetrachloride	10.8		"	10.0		108	77-130		9.94	20	
Chlorobenzene	10.2		"	10.0		102	88-120		5.97	20	
Chloroethane	10.2		"	10.0		102	65-136		9.25	20	
Chloroform	10.4		"	10.0		104	82-128		5.69	20	
Chloromethane	9.77		"	10.0		97.7	43-155		9.37	20	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		5.77	20	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-130		1.17	20	
Cyclohexane	11.3		"	10.0		113	70-130		9.70	20	
Dibromochloromethane	10.6		"	10.0		106	80-130		2.96	20	
Dibromomethane	10.6		"	10.0		106	72-134		4.05	30	
Dichlorodifluoromethane	10.9		"	10.0		109	44-144		12.0	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41427 - EPA 5030B											
LCS Dup (BC41427-BSD1)								Prepared & Analyzed: 03/20/2024			
Diisopropyl ether (DIPE)	11.2		ug/L	10.0		112	70-130		3.46	30	
Ethyl Benzene	10.7		"	10.0		107	80-130		9.41	20	
Ethyl tert-butyl ether (ETBE)	11.5		"	10.0		115	70-130		7.69	30	
Hexachlorobutadiene	8.31		"	10.0		83.1	67-146		6.18	30	
Iodomethane	8.39		"	10.0		83.9	70-130		18.4	20	
Isopropylbenzene	10.7		"	10.0		107	76-130		15.5	20	
Methyl acetate	11.0		"	10.0		110	70-130		8.22	20	
Methyl Methacrylate	11.6		"	10.0		116	72-132		9.59	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-130		9.80	20	
Methylcyclohexane	10.6		"	10.0		106	72-130		12.5	20	
Methylene chloride	9.77		"	10.0		97.7	70-130		3.22	20	
Naphthalene	12.1		"	10.0		121	70-147		11.0	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		9.09	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		14.6	30	
o-Xylene	10.6		"	10.0		106	78-130		6.40	20	
p- & m- Xylenes	21.3		"	20.0		107	77-130		8.44	20	
p-Diethylbenzene	10.6		"	10.0		106	84-134		8.52	30	
p-Ethyltoluene	10.9		"	10.0		109	88-129		14.5	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		11.1	30	
sec-Butylbenzene	10.7		"	10.0		107	79-137		13.2	30	
Styrene	10.6		"	10.0		106	70-130		4.09	20	
tert-Amyl alcohol (TAA)	102		"	100		102	70-130		31.0	30	Non-dir.
tert-Amyl methyl ether (TAME)	11.6		"	10.0		116	70-130		9.79	30	
tert-Butyl alcohol (TBA)	63.1		"	50.0		126	25-162		13.0	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		13.6	30	
Tetrachloroethylene	5.03		"	10.0		50.3	82-130	Low Bias	11.1	20	
Tetrahydrofuran	8.72		"	10.0		87.2	36-166		7.87	30	
Toluene	10.7		"	10.0		107	80-127		8.70	20	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-130		9.80	20	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-130		0.669	20	
trans-1,4-dichloro-2-butene	11.6		"	10.0		116	63-141		0.258	30	
Trichloroethylene	9.70		"	10.0		97.0	82-128		11.8	20	
Trichlorofluoromethane	10.8		"	10.0		108	67-139		10.1	20	
Vinyl acetate	26.9		"	10.0		269	21-90	High Bias	14.8	30	
Vinyl Chloride	11.7		"	10.0		117	70-130		2.27	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
Blank (BC41615-BLK1)									Prepared & Analyzed: 03/22/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
Blank (BC41615-BLK1)									Prepared & Analyzed: 03/22/2024		
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
Blank (BC41615-BLK2)									Prepared & Analyzed: 03/22/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
Blank (BC41615-BLK2)											Prepared & Analyzed: 03/22/2024
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
LCS (BC41615-BS1)							Prepared & Analyzed: 03/22/2024				
1,1,1,2-Tetrachloroethane	46.6		ug/L	50.0		93.1	75-129				
1,1,1-Trichloroethane	46.8		"	50.0		93.5	71-137				
1,1,2,2-Tetrachloroethane	50.4		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.3		"	50.0		90.6	58-146				
1,1,2-Trichloroethane	44.8		"	50.0		89.6	83-123				
1,1-Dichloroethane	45.9		"	50.0		91.8	75-130				
1,1-Dichloroethylene	47.0		"	50.0		93.9	64-137				
1,1-Dichloropropylene	46.4		"	50.0		92.9	77-127				
1,2,3-Trichlorobenzene	46.0		"	50.0		92.1	81-140				
1,2,3-Trichloropropane	46.5		"	50.0		93.0	81-126				
1,2,4,5-Tetramethylbenzene	46.2		"	50.0		92.5	63-156				
1,2,4-Trichlorobenzene	47.7		"	50.0		95.4	80-141				
1,2,4-Trimethylbenzene	50.3		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	46.8		"	50.0		93.7	74-142				
1,2-Dibromoethane	46.9		"	50.0		93.7	86-123				
1,2-Dichlorobenzene	47.0		"	50.0		94.1	85-122				
1,2-Dichloroethane	48.5		"	50.0		96.9	71-133				
1,2-Dichloropropane	45.4		"	50.0		90.8	81-122				
1,3,5-Trimethylbenzene	49.8		"	50.0		99.5	82-126				
1,3-Dichlorobenzene	46.6		"	50.0		93.3	84-124				
1,3-Dichloropropane	46.0		"	50.0		92.0	83-123				
1,4-Dichlorobenzene	45.8		"	50.0		91.7	84-124				
1,4-Dioxane	887		"	1050		84.5	10-228				
2,2-Dichloropropane	47.5		"	50.0		95.0	67-136				
2-Butanone	46.1		"	50.0		92.2	58-147				
2-Chloroethylvinyl ether	38.6		"	50.0		77.2	10-166				
2-Chlorotoluene	47.8		"	50.0		95.7	78-127				
2-Hexanone	44.6		"	50.0		89.2	70-139				
4-Chlorotoluene	49.4		"	50.0		98.8	79-125				
4-Methyl-2-pentanone	44.2		"	50.0		88.5	72-132				
Acetone	37.4		"	50.0		74.7	36-155				
Acrolein	51.4		"	50.0		103	10-238				
Acrylonitrile	46.6		"	50.0		93.1	66-141				
Benzene	48.5		"	50.0		97.0	77-127				
Bromobenzene	49.7		"	50.0		99.4	77-129				
Bromochloromethane	48.7		"	50.0		97.5	74-129				
Bromodichloromethane	45.4		"	50.0		90.9	81-124				
Bromoform	45.7		"	50.0		91.3	80-136				
Bromomethane	48.4		"	50.0		96.7	32-177				
Carbon disulfide	43.7		"	50.0		87.4	10-136				
Carbon tetrachloride	47.8		"	50.0		95.6	66-143				
Chlorobenzene	46.8		"	50.0		93.6	86-120				
Chloroethane	45.8		"	50.0		91.6	51-142				
Chloroform	47.4		"	50.0		94.9	76-131				
Chloromethane	42.4		"	50.0		84.9	49-132				
cis-1,2-Dichloroethylene	47.2		"	50.0		94.5	74-132				
cis-1,3-Dichloropropylene	44.5		"	50.0		88.9	81-129				
Cyclohexane	45.5		"	50.0		90.9	70-130				
Dibromochloromethane	46.5		"	50.0		93.0	10-200				
Dibromomethane	44.0		"	50.0		87.9	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
LCS (BC41615-BS1)								Prepared & Analyzed: 03/22/2024			
Dichlorodifluoromethane	31.2		ug/L	50.0		62.3	28-158				
Diisopropyl ether (DIPE)	48.9		"	50.0		97.8	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	48.2		ug/L	50.0		96.4	84-125				
Ethyl tert-butyl ether (ETBE)	47.4		"	50.0		94.9	70-130				
Hexachlorobutadiene	46.7		"	50.0		93.3	83-133				
Iodomethane	47.4		"	50.0		94.9	70-130				
Isopropylbenzene	49.2		"	50.0		98.3	81-127				
Methyl acetate	42.3		"	50.0		84.6	41-143				
Methyl Methacrylate	45.8		"	50.0		91.5	79-125				
Methyl tert-butyl ether (MTBE)	45.1		"	50.0		90.3	74-131				
Methylcyclohexane	42.8		"	50.0		85.7	70-130				
Methylene chloride	47.9		"	50.0		95.9	57-141				
Naphthalene	46.7		"	50.0		93.3	86-141				
n-Butylbenzene	48.5		"	50.0		97.1	80-130				
n-Propylbenzene	48.9		"	50.0		97.9	74-136				
o-Xylene	48.1		"	50.0		96.2	83-123				
p- & m- Xylenes	94.4		"	100		94.4	82-128				
p-Diethylbenzene	47.7		"	50.0		95.3	70-144				
p-Ethyltoluene	49.8		"	50.0		99.5	84-123				
p-Isopropyltoluene	48.8		"	50.0		97.7	85-125				
sec-Butylbenzene	48.4		"	50.0		96.8	83-125				
Styrene	48.1		"	50.0		96.2	86-126				
tert-Amyl alcohol (TAA)	449		"	500		89.9	70-130				
tert-Amyl methyl ether (TAME)	47.0		"	50.0		93.9	70-130				
tert-Butyl alcohol (TBA)	235		"	250		93.9	70-130				
tert-Butylbenzene	47.6		"	50.0		95.3	80-127				
Tetrachloroethylene	30.6		"	50.0		61.3	80-129	Low Bias			
Tetrahydrofuran	43.7		"	50.0		87.3	64-137				
Toluene	46.8		"	50.0		93.7	85-121				
trans-1,2-Dichloroethylene	46.6		"	50.0		93.2	72-132				
trans-1,3-Dichloropropylene	45.5		"	50.0		90.9	78-132				
trans-1,4-dichloro-2-butene	49.2		"	50.0		98.4	75-135				
Trichloroethylene	44.4		"	50.0		88.8	84-123				
Trichlorofluoromethane	47.4		"	50.0		94.9	62-140				
Vinyl acetate	69.7		"	50.0		139	67-136	High Bias			
Vinyl Chloride	43.7		"	50.0		87.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*95.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
LCS (BC41615-BS2)							Prepared & Analyzed: 03/22/2024				
1,1,1,2-Tetrachloroethane	49.7		ug/L	50.0		99.4	75-129				
1,1,1-Trichloroethane	49.1		"	50.0		98.2	71-137				
1,1,2,2-Tetrachloroethane	54.0		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.2		"	50.0		94.4	58-146				
1,1,2-Trichloroethane	48.2		"	50.0		96.3	83-123				
1,1-Dichloroethane	47.9		"	50.0		95.8	75-130				
1,1-Dichloroethylene	48.3		"	50.0		96.5	64-137				
1,1-Dichloropropylene	48.4		"	50.0		96.8	77-127				
1,2,3-Trichlorobenzene	50.1		"	50.0		100	81-140				
1,2,3-Trichloropropane	48.8		"	50.0		97.5	81-126				
1,2,4,5-Tetramethylbenzene	48.4		"	50.0		96.9	63-156				
1,2,4-Trichlorobenzene	51.4		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	52.3		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	49.1		"	50.0		98.1	74-142				
1,2-Dibromoethane	50.2		"	50.0		100	86-123				
1,2-Dichlorobenzene	48.4		"	50.0		96.7	85-122				
1,2-Dichloroethane	51.2		"	50.0		102	71-133				
1,2-Dichloropropane	47.6		"	50.0		95.2	81-122				
1,3,5-Trimethylbenzene	53.1		"	50.0		106	82-126				
1,3-Dichlorobenzene	48.8		"	50.0		97.5	84-124				
1,3-Dichloropropane	49.4		"	50.0		98.7	83-123				
1,4-Dichlorobenzene	48.5		"	50.0		97.0	84-124				
1,4-Dioxane	919		"	1050		87.5	10-228				
2,2-Dichloropropane	52.0		"	50.0		104	67-136				
2-Butanone	51.2		"	50.0		102	58-147				
2-Chloroethylvinyl ether	44.2		"	50.0		88.4	10-166				
2-Chlorotoluene	51.4		"	50.0		103	78-127				
2-Hexanone	46.8		"	50.0		93.5	70-139				
4-Chlorotoluene	51.1		"	50.0		102	79-125				
4-Methyl-2-pentanone	47.0		"	50.0		94.1	72-132				
Acetone	41.8		"	50.0		83.6	36-155				
Acrolein	60.8		"	50.0		122	10-238				
Acrylonitrile	49.9		"	50.0		99.8	66-141				
Benzene	50.9		"	50.0		102	77-127				
Bromobenzene	51.7		"	50.0		103	77-129				
Bromochloromethane	50.9		"	50.0		102	74-129				
Bromodichloromethane	49.0		"	50.0		98.1	81-124				
Bromoform	49.8		"	50.0		99.7	80-136				
Bromomethane	57.5		"	50.0		115	32-177				
Carbon disulfide	45.2		"	50.0		90.4	10-136				
Carbon tetrachloride	51.4		"	50.0		103	66-143				
Chlorobenzene	49.1		"	50.0		98.1	86-120				
Chloroethane	54.5		"	50.0		109	51-142				
Chloroform	49.9		"	50.0		99.9	76-131				
Chloromethane	44.7		"	50.0		89.4	49-132				
cis-1,2-Dichloroethylene	50.4		"	50.0		101	74-132				
cis-1,3-Dichloropropylene	48.6		"	50.0		97.3	81-129				
Cyclohexane	47.3		"	50.0		94.6	70-130				
Dibromochloromethane	50.9		"	50.0		102	10-200				
Dibromomethane	48.0		"	50.0		95.9	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
LCS (BC41615-BS2)								Prepared & Analyzed: 03/22/2024			
Dichlorodifluoromethane	30.1		ug/L	50.0		60.3	28-158				
Diisopropyl ether (DIPE)	51.7		"	50.0		103	70-130				
Ethanol	ND	8.0	mg/kg wet				70-130				
Ethyl Benzene	49.6		ug/L	50.0		99.2	84-125				
Ethyl tert-butyl ether (ETBE)	50.7		"	50.0		101	70-130				
Hexachlorobutadiene	49.8		"	50.0		99.6	83-133				
Iodomethane	46.1		"	50.0		92.2	70-130				
Isopropylbenzene	52.5		"	50.0		105	81-127				
Methyl acetate	45.7		"	50.0		91.4	41-143				
Methyl Methacrylate	50.0		"	50.0		100	79-125				
Methyl tert-butyl ether (MTBE)	49.4		"	50.0		98.8	74-131				
Methylcyclohexane	44.8		"	50.0		89.6	70-130				
Methylene chloride	49.5		"	50.0		99.0	57-141				
Naphthalene	50.8		"	50.0		102	86-141				
n-Butylbenzene	50.3		"	50.0		101	80-130				
n-Propylbenzene	51.6		"	50.0		103	74-136				
o-Xylene	49.0		"	50.0		98.0	83-123				
p- & m- Xylenes	97.5		"	100		97.5	82-128				
p-Diethylbenzene	49.4		"	50.0		98.8	70-144				
p-Ethyltoluene	53.1		"	50.0		106	84-123				
p-Isopropyltoluene	50.7		"	50.0		101	85-125				
sec-Butylbenzene	51.0		"	50.0		102	83-125				
Styrene	49.5		"	50.0		99.0	86-126				
tert-Amyl alcohol (TAA)	524		"	500		105	70-130				
tert-Amyl methyl ether (TAME)	50.8		"	50.0		102	70-130				
tert-Butyl alcohol (TBA)	257		"	250		103	70-130				
tert-Butylbenzene	50.8		"	50.0		102	80-127				
Tetrachloroethylene	29.6		"	50.0		59.2	80-129	Low Bias			
Tetrahydrofuran	47.8		"	50.0		95.6	64-137				
Toluene	48.9		"	50.0		97.7	85-121				
trans-1,2-Dichloroethylene	48.4		"	50.0		96.7	72-132				
trans-1,3-Dichloropropylene	50.2		"	50.0		100	78-132				
trans-1,4-dichloro-2-butene	52.4		"	50.0		105	75-135				
Trichloroethylene	45.7		"	50.0		91.5	84-123				
Trichlorofluoromethane	49.8		"	50.0		99.5	62-140				
Vinyl acetate	78.3		"	50.0		157	67-136	High Bias			
Vinyl Chloride	44.8		"	50.0		89.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
LCS Dup (BC41615-BSD1)								Prepared & Analyzed: 03/22/2024			
1,1,1,2-Tetrachloroethane	47.2		ug/L	50.0		94.4	75-129		1.39	30	
1,1,1-Trichloroethane	46.7		"	50.0		93.5	71-137		0.0428	30	
1,1,2,2-Tetrachloroethane	51.4		"	50.0		103	79-129		1.83	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.2		"	50.0		90.5	58-146		0.177	30	
1,1,2-Trichloroethane	46.0		"	50.0		92.0	83-123		2.64	30	
1,1-Dichloroethane	46.3		"	50.0		92.6	75-130		0.911	30	
1,1-Dichloroethylene	46.6		"	50.0		93.3	64-137		0.684	30	
1,1-Dichloropropylene	46.2		"	50.0		92.3	77-127		0.583	30	
1,2,3-Trichlorobenzene	46.7		"	50.0		93.4	81-140		1.38	30	
1,2,3-Trichloropropane	47.4		"	50.0		94.7	81-126		1.81	30	
1,2,4,5-Tetramethylbenzene	46.2		"	50.0		92.3	63-156		0.195	30	
1,2,4-Trichlorobenzene	47.1		"	50.0		94.1	80-141		1.35	30	
1,2,4-Trimethylbenzene	49.9		"	50.0		99.8	84-125		0.759	30	
1,2-Dibromo-3-chloropropane	47.5		"	50.0		95.1	74-142		1.48	30	
1,2-Dibromoethane	48.0		"	50.0		95.9	86-123		2.30	30	
1,2-Dichlorobenzene	46.6		"	50.0		93.2	85-122		0.876	30	
1,2-Dichloroethane	48.9		"	50.0		97.8	71-133		0.863	30	
1,2-Dichloropropane	47.0		"	50.0		93.9	81-122		3.36	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.6	82-126		0.100	30	
1,3-Dichlorobenzene	46.3		"	50.0		92.7	84-124		0.645	30	
1,3-Dichloropropane	47.2		"	50.0		94.5	83-123		2.72	30	
1,4-Dichlorobenzene	45.9		"	50.0		91.8	84-124		0.131	30	
1,4-Dioxane	894		"	1050		85.2	10-228		0.784	30	
2,2-Dichloropropane	47.5		"	50.0		95.0	67-136		0.0421	30	
2-Butanone	47.3		"	50.0		94.6	58-147		2.59	30	
2-Chloroethylvinyl ether	40.6		"	50.0		81.3	10-166		5.15	30	
2-Chlorotoluene	47.8		"	50.0		95.5	78-127		0.126	30	
2-Hexanone	46.2		"	50.0		92.3	70-139		3.44	30	
4-Chlorotoluene	49.2		"	50.0		98.4	79-125		0.365	30	
4-Methyl-2-pentanone	45.6		"	50.0		91.2	72-132		3.03	30	
Acetone	38.6		"	50.0		77.2	36-155		3.29	30	
Acrolein	50.6		"	50.0		101	10-238		1.49	30	
Acrylonitrile	47.1		"	50.0		94.1	66-141		1.09	30	
Benzene	49.0		"	50.0		98.0	77-127		1.01	30	
Bromobenzene	49.9		"	50.0		99.8	77-129		0.381	30	
Bromochloromethane	49.0		"	50.0		98.1	74-129		0.634	30	
Bromodichloromethane	45.9		"	50.0		91.9	81-124		1.07	30	
Bromoform	47.0		"	50.0		94.1	80-136		2.98	30	
Bromomethane	48.5		"	50.0		96.9	32-177		0.227	30	
Carbon disulfide	43.4		"	50.0		86.8	10-136		0.758	30	
Carbon tetrachloride	48.4		"	50.0		96.8	66-143		1.27	30	
Chlorobenzene	47.8		"	50.0		95.5	86-120		2.03	30	
Chloroethane	46.7		"	50.0		93.5	51-142		1.99	30	
Chloroform	48.0		"	50.0		95.9	76-131		1.09	30	
Chloromethane	42.4		"	50.0		84.7	49-132		0.189	30	
cis-1,2-Dichloroethylene	48.0		"	50.0		96.1	74-132		1.68	30	
cis-1,3-Dichloropropylene	45.4		"	50.0		90.8	81-129		2.05	30	
Cyclohexane	45.5		"	50.0		91.0	70-130		0.0879	30	
Dibromochloromethane	47.5		"	50.0		95.0	10-200		2.17	30	
Dibromomethane	44.7		"	50.0		89.4	83-124		1.65	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41615 - EPA 5035A											
LCS Dup (BC41615-BSD1)								Prepared & Analyzed: 03/22/2024			
Dichlorodifluoromethane	31.2		ug/L	50.0		62.3	28-158		0.00	30	
Diisopropyl ether (DIPE)	49.8		"	50.0		99.6	70-130		1.82	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	48.8		ug/L	50.0		97.7	84-125		1.30	30	
Ethyl tert-butyl ether (ETBE)	48.4		"	50.0		96.8	70-130		2.04	30	
Hexachlorobutadiene	46.4		"	50.0		92.9	83-133		0.494	30	
Iodomethane	47.4		"	50.0		94.8	70-130		0.0422	30	
Isopropylbenzene	49.0		"	50.0		98.0	81-127		0.367	30	
Methyl acetate	42.4		"	50.0		84.7	41-143		0.189	30	
Methyl Methacrylate	46.8		"	50.0		93.6	79-125		2.23	30	
Methyl tert-butyl ether (MTBE)	46.2		"	50.0		92.4	74-131		2.34	30	
Methylcyclohexane	43.4		"	50.0		86.7	70-130		1.21	30	
Methylene chloride	48.8		"	50.0		97.5	57-141		1.72	30	
Naphthalene	46.9		"	50.0		93.8	86-141		0.534	30	
n-Butylbenzene	47.9		"	50.0		95.7	80-130		1.39	30	
n-Propylbenzene	48.8		"	50.0		97.6	74-136		0.327	30	
o-Xylene	48.6		"	50.0		97.2	83-123		1.08	30	
p- & m- Xylenes	95.5		"	100		95.5	82-128		1.18	30	
p-Diethylbenzene	46.6		"	50.0		93.3	70-144		2.18	30	
p-Ethyltoluene	49.8		"	50.0		99.6	84-123		0.100	30	
p-Isopropyltoluene	48.1		"	50.0		96.2	85-125		1.46	30	
sec-Butylbenzene	48.4		"	50.0		96.8	83-125		0.0413	30	
Styrene	48.6		"	50.0		97.2	86-126		0.993	30	
tert-Amyl alcohol (TAA)	461		"	500		92.2	70-130		2.58	30	
tert-Amyl methyl ether (TAME)	48.2		"	50.0		96.3	70-130		2.48	30	
tert-Butyl alcohol (TBA)	247		"	250		98.6	70-130		4.97	30	
tert-Butylbenzene	47.4		"	50.0		94.7	80-127		0.611	30	
Tetrachloroethylene	31.0		"	50.0		61.9	80-129	Low Bias	1.01	30	
Tetrahydrofuran	46.1		"	50.0		92.2	64-137		5.46	30	
Toluene	47.0		"	50.0		94.0	85-121		0.298	30	
trans-1,2-Dichloroethylene	46.5		"	50.0		93.0	72-132		0.215	30	
trans-1,3-Dichloropropylene	47.0		"	50.0		94.0	78-132		3.35	30	
trans-1,4-dichloro-2-butene	50.1		"	50.0		100	75-135		1.79	30	
Trichloroethylene	44.4		"	50.0		88.8	84-123		0.0225	30	
Trichlorofluoromethane	46.5		"	50.0		93.0	62-140		1.98	30	
Vinyl acetate	72.2		"	50.0		144	67-136	High Bias	3.59	30	
Vinyl Chloride	43.7		"	50.0		87.4	52-130		0.114	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41616 - EPA 5035A											
Blank (BC41616-BLK1)									Prepared & Analyzed: 03/22/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41616 - EPA 5035A											
Blank (BC41616-BLK1)									Prepared & Analyzed: 03/22/2024		
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*57.5*		*ug/L*	*50.0*		*115*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41616 - EPA 5035A											
LCS (BC41616-BS1)							Prepared & Analyzed: 03/22/2024				
1,1,1,2-Tetrachloroethane	44.7		ug/L	50.0		89.4	75-129				
1,1,1-Trichloroethane	43.0		"	50.0		86.1	71-137				
1,1,2,2-Tetrachloroethane	49.5		"	50.0		99.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.7		"	50.0		85.4	58-146				
1,1,2-Trichloroethane	49.6		"	50.0		99.3	83-123				
1,1-Dichloroethane	44.7		"	50.0		89.4	75-130				
1,1-Dichloroethylene	42.5		"	50.0		85.0	64-137				
1,1-Dichloropropylene	43.1		"	50.0		86.2	77-127				
1,2,3-Trichlorobenzene	49.2		"	50.0		98.4	81-140				
1,2,3-Trichloropropane	49.4		"	50.0		98.8	81-126				
1,2,4,5-Tetramethylbenzene	47.8		"	50.0		95.6	63-156				
1,2,4-Trichlorobenzene	49.4		"	50.0		98.8	80-141				
1,2,4-Trimethylbenzene	49.2		"	50.0		98.4	84-125				
1,2-Dibromo-3-chloropropane	40.6		"	50.0		81.1	74-142				
1,2-Dibromoethane	52.3		"	50.0		105	86-123				
1,2-Dichlorobenzene	46.6		"	50.0		93.2	85-122				
1,2-Dichloroethane	45.4		"	50.0		90.8	71-133				
1,2-Dichloropropane	50.3		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	48.1		"	50.0		96.2	82-126				
1,3-Dichlorobenzene	44.6		"	50.0		89.2	84-124				
1,3-Dichloropropane	50.0		"	50.0		100	83-123				
1,4-Dichlorobenzene	44.7		"	50.0		89.3	84-124				
1,4-Dioxane	1020		"	1050		97.1	10-228				
2,2-Dichloropropane	44.8		"	50.0		89.7	67-136				
2-Butanone	46.4		"	50.0		92.7	58-147				
2-Chloroethylvinyl ether	47.3		"	50.0		94.6	10-166				
2-Chlorotoluene	44.3		"	50.0		88.7	78-127				
2-Hexanone	38.6		"	50.0		77.2	70-139				
4-Chlorotoluene	47.2		"	50.0		94.4	79-125				
4-Methyl-2-pentanone	43.0		"	50.0		86.0	72-132				
Acetone	37.1		"	50.0		74.3	36-155				
Acrolein	43.3		"	50.0		86.7	10-238				
Acrylonitrile	47.7		"	50.0		95.3	66-141				
Benzene	45.5		"	50.0		91.0	77-127				
Bromobenzene	48.5		"	50.0		97.1	77-129				
Bromochloromethane	45.2		"	50.0		90.3	74-129				
Bromodichloromethane	49.3		"	50.0		98.7	81-124				
Bromoform	49.5		"	50.0		99.0	80-136				
Bromomethane	33.6		"	50.0		67.2	32-177				
Carbon disulfide	46.7		"	50.0		93.5	10-136				
Carbon tetrachloride	44.2		"	50.0		88.4	66-143				
Chlorobenzene	46.6		"	50.0		93.1	86-120				
Chloroethane	40.9		"	50.0		81.8	51-142				
Chloroform	45.9		"	50.0		91.9	76-131				
Chloromethane	41.8		"	50.0		83.6	49-132				
cis-1,2-Dichloroethylene	45.7		"	50.0		91.4	74-132				
cis-1,3-Dichloropropylene	49.3		"	50.0		98.5	81-129				
Cyclohexane	45.6		"	50.0		91.3	70-130				
Dibromochloromethane	50.2		"	50.0		100	10-200				
Dibromomethane	48.3		"	50.0		96.7	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41616 - EPA 5035A											
LCS (BC41616-BS1)								Prepared & Analyzed: 03/22/2024			
Dichlorodifluoromethane	36.0		ug/L	50.0		71.9	28-158				
Diisopropyl ether (DIPE)	47.9		"	50.0		95.7	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	45.8		ug/L	50.0		91.6	84-125				
Ethyl tert-butyl ether (ETBE)	46.4		"	50.0		92.9	70-130				
Hexachlorobutadiene	46.5		"	50.0		93.0	83-133				
Iodomethane	42.4		"	50.0		84.8	70-130				
Isopropylbenzene	48.2		"	50.0		96.5	81-127				
Methyl acetate	42.8		"	50.0		85.6	41-143				
Methyl Methacrylate	45.6		"	50.0		91.2	79-125				
Methyl tert-butyl ether (MTBE)	45.8		"	50.0		91.7	74-131				
Methylcyclohexane	49.3		"	50.0		98.6	70-130				
Methylene chloride	42.1		"	50.0		84.2	57-141				
Naphthalene	54.8		"	50.0		110	86-141				
n-Butylbenzene	46.3		"	50.0		92.6	80-130				
n-Propylbenzene	46.2		"	50.0		92.5	74-136				
o-Xylene	46.4		"	50.0		92.8	83-123				
p- & m- Xylenes	88.0		"	100		88.0	82-128				
p-Diethylbenzene	46.5		"	50.0		93.0	70-144				
p-Ethyltoluene	46.1		"	50.0		92.1	84-123				
p-Isopropyltoluene	46.6		"	50.0		93.3	85-125				
sec-Butylbenzene	47.3		"	50.0		94.7	83-125				
Styrene	47.3		"	50.0		94.6	86-126				
tert-Amyl alcohol (TAA)	439		"	500		87.8	70-130				
tert-Amyl methyl ether (TAME)	44.1		"	50.0		88.2	70-130				
tert-Butyl alcohol (TBA)	202		"	250		80.9	70-130				
tert-Butylbenzene	47.1		"	50.0		94.2	80-127				
Tetrachloroethylene	33.3		"	50.0		66.6	80-129	Low Bias			
Tetrahydrofuran	46.8		"	50.0		93.7	64-137				
Toluene	47.7		"	50.0		95.4	85-121				
trans-1,2-Dichloroethylene	45.4		"	50.0		90.8	72-132				
trans-1,3-Dichloropropylene	44.2		"	50.0		88.4	78-132				
trans-1,4-dichloro-2-butene	49.7		"	50.0		99.4	75-135				
Trichloroethylene	47.7		"	50.0		95.4	84-123				
Trichlorofluoromethane	40.0		"	50.0		79.9	62-140				
Vinyl acetate	64.4		"	50.0		129	67-136				
Vinyl Chloride	39.8		"	50.0		79.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41616 - EPA 5035A											
LCS Dup (BC41616-BSD1)							Prepared & Analyzed: 03/22/2024				
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		12.4	30	
1,1,1-Trichloroethane	49.6		"	50.0		99.2	71-137		14.1	30	
1,1,2,2-Tetrachloroethane	56.6		"	50.0		113	79-129		13.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.9		"	50.0		102	58-146		17.6	30	
1,1,2-Trichloroethane	55.5		"	50.0		111	83-123		11.1	30	
1,1-Dichloroethane	52.4		"	50.0		105	75-130		15.9	30	
1,1-Dichloroethylene	48.0		"	50.0		96.1	64-137		12.2	30	
1,1-Dichloropropylene	49.5		"	50.0		98.9	77-127		13.8	30	
1,2,3-Trichlorobenzene	55.2		"	50.0		110	81-140		11.5	30	
1,2,3-Trichloropropane	55.6		"	50.0		111	81-126		11.7	30	
1,2,4,5-Tetramethylbenzene	55.3		"	50.0		111	63-156		14.6	30	
1,2,4-Trichlorobenzene	56.4		"	50.0		113	80-141		13.3	30	
1,2,4-Trimethylbenzene	57.0		"	50.0		114	84-125		14.7	30	
1,2-Dibromo-3-chloropropane	47.9		"	50.0		95.7	74-142		16.5	30	
1,2-Dibromoethane	59.1		"	50.0		118	86-123		12.2	30	
1,2-Dichlorobenzene	53.8		"	50.0		108	85-122		14.2	30	
1,2-Dichloroethane	50.8		"	50.0		102	71-133		11.3	30	
1,2-Dichloropropane	57.4		"	50.0		115	81-122		13.2	30	
1,3,5-Trimethylbenzene	55.2		"	50.0		110	82-126		13.8	30	
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124		13.2	30	
1,3-Dichloropropane	56.3		"	50.0		113	83-123		11.9	30	
1,4-Dichlorobenzene	51.2		"	50.0		102	84-124		13.6	30	
1,4-Dioxane	1160		"	1050		110	10-228		12.5	30	
2,2-Dichloropropane	52.8		"	50.0		106	67-136		16.4	30	
2-Butanone	51.0		"	50.0		102	58-147		9.47	30	
2-Chloroethylvinyl ether	42.1		"	50.0		84.1	10-166		11.7	30	
2-Chlorotoluene	50.9		"	50.0		102	78-127		13.7	30	
2-Hexanone	43.8		"	50.0		87.5	70-139		12.5	30	
4-Chlorotoluene	54.5		"	50.0		109	79-125		14.5	30	
4-Methyl-2-pentanone	49.4		"	50.0		98.7	72-132		13.8	30	
Acetone	30.6		"	50.0		61.1	36-155		19.5	30	
Acrolein	51.4		"	50.0		103	10-238		17.0	30	
Acrylonitrile	54.3		"	50.0		109	66-141		13.1	30	
Benzene	51.7		"	50.0		103	77-127		12.8	30	
Bromobenzene	55.3		"	50.0		111	77-129		13.0	30	
Bromochloromethane	51.4		"	50.0		103	74-129		12.8	30	
Bromodichloromethane	56.1		"	50.0		112	81-124		12.9	30	
Bromoform	57.7		"	50.0		115	80-136		15.3	30	
Bromomethane	42.7		"	50.0		85.5	32-177		23.9	30	
Carbon disulfide	47.6		"	50.0		95.2	10-136		1.80	30	
Carbon tetrachloride	51.2		"	50.0		102	66-143		14.8	30	
Chlorobenzene	53.0		"	50.0		106	86-120		13.0	30	
Chloroethane	50.1		"	50.0		100	51-142		20.3	30	
Chloroform	53.1		"	50.0		106	76-131		14.4	30	
Chloromethane	48.5		"	50.0		97.0	49-132		14.8	30	
cis-1,2-Dichloroethylene	52.6		"	50.0		105	74-132		14.0	30	
cis-1,3-Dichloropropylene	56.7		"	50.0		113	81-129		14.0	30	
Cyclohexane	52.2		"	50.0		104	70-130		13.4	30	
Dibromochloromethane	57.4		"	50.0		115	10-200		13.4	30	
Dibromomethane	54.1		"	50.0		108	83-124		11.2	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41616 - EPA 5035A											
LCS Dup (BC41616-BSD1)								Prepared & Analyzed: 03/22/2024			
Dichlorodifluoromethane	40.7		ug/L	50.0		81.5	28-158		12.4	30	
Diisopropyl ether (DIPE)	55.1		"	50.0		110	70-130		14.0	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	52.4		ug/L	50.0		105	84-125		13.4	30	
Ethyl tert-butyl ether (ETBE)	53.1		"	50.0		106	70-130		13.5	30	
Hexachlorobutadiene	54.5		"	50.0		109	83-133		15.9	30	
Iodomethane	57.3		"	50.0		115	70-130		29.9	30	
Isopropylbenzene	55.9		"	50.0		112	81-127		14.7	30	
Methyl acetate	49.0		"	50.0		97.9	41-143		13.4	30	
Methyl Methacrylate	52.1		"	50.0		104	79-125		13.3	30	
Methyl tert-butyl ether (MTBE)	52.9		"	50.0		106	74-131		14.3	30	
Methylcyclohexane	57.2		"	50.0		114	70-130		14.8	30	
Methylene chloride	48.1		"	50.0		96.2	57-141		13.4	30	
Naphthalene	61.9		"	50.0		124	86-141		12.2	30	
n-Butylbenzene	53.7		"	50.0		107	80-130		14.9	30	
n-Propylbenzene	53.6		"	50.0		107	74-136		14.6	30	
o-Xylene	52.9		"	50.0		106	83-123		13.1	30	
p- & m- Xylenes	101		"	100		101	82-128		13.7	30	
p-Diethylbenzene	54.2		"	50.0		108	70-144		15.2	30	
p-Ethyltoluene	53.7		"	50.0		107	84-123		15.4	30	
p-Isopropyltoluene	54.5		"	50.0		109	85-125		15.5	30	
sec-Butylbenzene	54.9		"	50.0		110	83-125		14.9	30	
Styrene	53.9		"	50.0		108	86-126		13.0	30	
tert-Amyl alcohol (TAA)	506		"	500		101	70-130		14.3	30	
tert-Amyl methyl ether (TAME)	49.9		"	50.0		99.8	70-130		12.3	30	
tert-Butyl alcohol (TBA)	241		"	250		96.4	70-130		17.5	30	
tert-Butylbenzene	54.8		"	50.0		110	80-127		15.1	30	
Tetrachloroethylene	38.8		"	50.0		77.5	80-129	Low Bias	15.1	30	
Tetrahydrofuran	52.8		"	50.0		106	64-137		12.0	30	
Toluene	54.4		"	50.0		109	85-121		13.1	30	
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132		15.3	30	
trans-1,3-Dichloropropylene	50.4		"	50.0		101	78-132		13.1	30	
trans-1,4-dichloro-2-butene	55.9		"	50.0		112	75-135		11.7	30	
Trichloroethylene	54.5		"	50.0		109	84-123		13.2	30	
Trichlorofluoromethane	48.6		"	50.0		97.1	62-140		19.4	30	
Vinyl acetate	71.8		"	50.0		144	67-136	High Bias	10.9	30	
Vinyl Chloride	48.8		"	50.0		97.5	52-130		20.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41926 - EPA 5030B											
Blank (BC41926-BLK1)									Prepared & Analyzed: 03/27/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41926 - EPA 5030B											
Blank (BC41926-BLK1)											Prepared & Analyzed: 03/27/2024
Diisopropyl ether (DIPE)	ND	0.800	ug/L								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.700	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41926 - EPA 5030B											
LCS (BC41926-BS1)								Prepared & Analyzed: 03/27/2024			
1,1,1,2-Tetrachloroethane	8.59		ug/L	10.0		85.9	82-126				
1,1,1-Trichloroethane	8.88		"	10.0		88.8	78-136				
1,1,2,2-Tetrachloroethane	9.47		"	10.0		94.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4		"	10.0		124	54-165				
1,1,2-Trichloroethane	9.09		"	10.0		90.9	82-123				
1,1-Dichloroethane	8.10		"	10.0		81.0	82-129	Low Bias			
1,1-Dichloroethylene	9.17		"	10.0		91.7	68-138				
1,1-Dichloropropylene	9.13		"	10.0		91.3	83-133				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136				
1,2,3-Trichloropropane	8.35		"	10.0		83.5	77-128				
1,2,4,5-Tetramethylbenzene	9.14		"	10.0		91.4	85-140				
1,2,4-Trichlorobenzene	9.94		"	10.0		99.4	76-137				
1,2,4-Trimethylbenzene	9.26		"	10.0		92.6	82-132				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147				
1,2-Dibromoethane	8.52		"	10.0		85.2	83-124				
1,2-Dichlorobenzene	8.76		"	10.0		87.6	79-123				
1,2-Dichloroethane	9.03		"	10.0		90.3	73-132				
1,2-Dichloropropane	8.68		"	10.0		86.8	78-126				
1,3,5-Trimethylbenzene	9.37		"	10.0		93.7	80-131				
1,3-Dichlorobenzene	8.77		"	10.0		87.7	86-122				
1,3-Dichloropropane	8.51		"	10.0		85.1	81-125				
1,4-Dichlorobenzene	8.48		"	10.0		84.8	85-124	Low Bias			
1,4-Dioxane	198		"	210		94.4	10-349				
2,2-Dichloropropane	8.71		"	10.0		87.1	56-150				
2-Butanone	8.38		"	10.0		83.8	49-152				
2-Chlorotoluene	8.54		"	10.0		85.4	79-130				
2-Hexanone	8.22		"	10.0		82.2	51-146				
4-Chlorotoluene	8.75		"	10.0		87.5	79-128				
4-Methyl-2-pentanone	9.39		"	10.0		93.9	57-145				
Acetone	6.09		"	10.0		60.9	14-150				
Acrolein	11.0		"	10.0		110	10-153				
Acrylonitrile	9.33		"	10.0		93.3	51-150				
Benzene	8.55		"	10.0		85.5	85-126				
Bromobenzene	8.72		"	10.0		87.2	78-129				
Bromochloromethane	8.32		"	10.0		83.2	77-128				
Bromodichloromethane	8.71		"	10.0		87.1	79-128				
Bromoform	9.16		"	10.0		91.6	78-133				
Bromomethane	7.47		"	10.0		74.7	43-168				
Carbon disulfide	8.28		"	10.0		82.8	68-146				
Carbon tetrachloride	9.55		"	10.0		95.5	77-141				
Chlorobenzene	8.67		"	10.0		86.7	88-120	Low Bias			
Chloroethane	9.12		"	10.0		91.2	65-136				
Chloroform	8.12		"	10.0		81.2	82-128	Low Bias			
Chloromethane	9.58		"	10.0		95.8	43-155				
cis-1,2-Dichloroethylene	8.26		"	10.0		82.6	83-129	Low Bias			
cis-1,3-Dichloropropylene	8.53		"	10.0		85.3	80-131				
Cyclohexane	11.7		"	10.0		117	63-149				
Dibromochloromethane	8.80		"	10.0		88.0	80-130				
Dibromomethane	8.53		"	10.0		85.3	72-134				
Dichlorodifluoromethane	12.1		"	10.0		121	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41926 - EPA 5030B											
LCS (BC41926-BS1)								Prepared & Analyzed: 03/27/2024			
Diisopropyl ether (DIPE)	9.24		ug/L	10.0		92.4	70-130				
Ethyl Benzene	8.97		"	10.0		89.7	80-131				
Ethyl tert-butyl ether (ETBE)	9.12		"	10.0		91.2	70-130				
Hexachlorobutadiene	11.5		"	10.0		115	67-146				
Iodomethane	5.81		"	10.0		58.1	70-130	Low Bias			
Isopropylbenzene	9.25		"	10.0		92.5	76-140				
Methyl acetate	8.91		"	10.0		89.1	51-139				
Methyl Methacrylate	8.83		"	10.0		88.3	72-132				
Methyl tert-butyl ether (MTBE)	9.06		"	10.0		90.6	76-135				
Methylcyclohexane	11.6		"	10.0		116	72-143				
Methylene chloride	8.83		"	10.0		88.3	55-137				
Naphthalene	10.7		"	10.0		107	70-147				
n-Butylbenzene	9.82		"	10.0		98.2	79-132				
n-Propylbenzene	9.25		"	10.0		92.5	78-133				
o-Xylene	8.59		"	10.0		85.9	78-130				
p- & m- Xylenes	17.9		"	20.0		89.6	77-133				
p-Diethylbenzene	9.24		"	10.0		92.4	84-134				
p-Ethyltoluene	8.87		"	10.0		88.7	88-129				
p-Isopropyltoluene	9.65		"	10.0		96.5	81-136				
sec-Butylbenzene	9.70		"	10.0		97.0	79-137				
Styrene	8.72		"	10.0		87.2	67-132				
tert-Amyl alcohol (TAA)	104		"	100		104	70-130				
tert-Amyl methyl ether (TAME)	9.07		"	10.0		90.7	70-130				
tert-Butyl alcohol (TBA)	46.1		"	50.0		92.1	25-162				
tert-Butylbenzene	9.25		"	10.0		92.5	77-138				
Tetrachloroethylene	4.68		"	10.0		46.8	82-131	Low Bias			
Tetrahydrofuran	9.24		"	10.0		92.4	36-166				
Toluene	8.80		"	10.0		88.0	80-127				
trans-1,2-Dichloroethylene	8.54		"	10.0		85.4	80-132				
trans-1,3-Dichloropropylene	8.64		"	10.0		86.4	78-131				
trans-1,4-dichloro-2-butene	9.06		"	10.0		90.6	63-141				
Trichloroethylene	8.37		"	10.0		83.7	82-128				
Trichlorofluoromethane	12.4		"	10.0		124	67-139				
Vinyl acetate	15.0		"	10.0		150	21-90	High Bias			
Vinyl Chloride	9.53		"	10.0		95.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41926 - EPA 5030B											
LCS Dup (BC41926-BSD1)							Prepared & Analyzed: 03/27/2024				
1,1,1,2-Tetrachloroethane	8.55		ug/L	10.0		85.5	82-126		0.467	30	
1,1,1-Trichloroethane	8.63		"	10.0		86.3	78-136		2.86	30	
1,1,2,2-Tetrachloroethane	9.69		"	10.0		96.9	76-129		2.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165		3.43	30	
1,1,2-Trichloroethane	9.49		"	10.0		94.9	82-123		4.31	30	
1,1-Dichloroethane	7.91		"	10.0		79.1	82-129	Low Bias	2.37	30	
1,1-Dichloroethylene	8.74		"	10.0		87.4	68-138		4.80	30	
1,1-Dichloropropylene	8.79		"	10.0		87.9	83-133		3.79	30	
1,2,3-Trichlorobenzene	14.4		"	10.0		144	76-136	High Bias	24.9	30	
1,2,3-Trichloropropane	8.75		"	10.0		87.5	77-128		4.68	30	
1,2,4,5-Tetramethylbenzene	8.94		"	10.0		89.4	85-140		2.21	30	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137		9.76	30	
1,2,4-Trimethylbenzene	8.68		"	10.0		86.8	82-132		6.47	30	
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	45-147		8.37	30	
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124		6.03	30	
1,2-Dichlorobenzene	8.80		"	10.0		88.0	79-123		0.456	30	
1,2-Dichloroethane	9.46		"	10.0		94.6	73-132		4.65	30	
1,2-Dichloropropane	8.52		"	10.0		85.2	78-126		1.86	30	
1,3,5-Trimethylbenzene	8.59		"	10.0		85.9	80-131		8.69	30	
1,3-Dichlorobenzene	8.38		"	10.0		83.8	86-122	Low Bias	4.55	30	
1,3-Dichloropropane	8.89		"	10.0		88.9	81-125		4.37	30	
1,4-Dichlorobenzene	8.25		"	10.0		82.5	85-124	Low Bias	2.75	30	
1,4-Dioxane	229		"	210		109	10-349		14.5	30	
2,2-Dichloropropane	8.39		"	10.0		83.9	56-150		3.74	30	
2-Butanone	8.76		"	10.0		87.6	49-152		4.43	30	
2-Chlorotoluene	8.04		"	10.0		80.4	79-130		6.03	30	
2-Hexanone	9.36		"	10.0		93.6	51-146		13.0	30	
4-Chlorotoluene	8.29		"	10.0		82.9	79-128		5.40	30	
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145		9.82	30	
Acetone	6.69		"	10.0		66.9	14-150		9.39	30	
Acrolein	11.8		"	10.0		118	10-153		6.73	30	
Acrylonitrile	10.0		"	10.0		100	51-150		7.43	30	
Benzene	8.41		"	10.0		84.1	85-126	Low Bias	1.65	30	
Bromobenzene	8.41		"	10.0		84.1	78-129		3.62	30	
Bromochloromethane	8.37		"	10.0		83.7	77-128		0.599	30	
Bromodichloromethane	8.72		"	10.0		87.2	79-128		0.115	30	
Bromoform	9.68		"	10.0		96.8	78-133		5.52	30	
Bromomethane	7.64		"	10.0		76.4	43-168		2.25	30	
Carbon disulfide	7.96		"	10.0		79.6	68-146		3.94	30	
Carbon tetrachloride	9.17		"	10.0		91.7	77-141		4.06	30	
Chlorobenzene	8.48		"	10.0		84.8	88-120	Low Bias	2.22	30	
Chloroethane	8.91		"	10.0		89.1	65-136		2.33	30	
Chloroform	8.03		"	10.0		80.3	82-128	Low Bias	1.11	30	
Chloromethane	9.36		"	10.0		93.6	43-155		2.32	30	
cis-1,2-Dichloroethylene	8.17		"	10.0		81.7	83-129	Low Bias	1.10	30	
cis-1,3-Dichloropropylene	8.57		"	10.0		85.7	80-131		0.468	30	
Cyclohexane	11.4		"	10.0		114	63-149		2.77	30	
Dibromochloromethane	9.14		"	10.0		91.4	80-130		3.79	30	
Dibromomethane	8.58		"	10.0		85.8	72-134		0.584	30	
Dichlorodifluoromethane	11.6		"	10.0		116	44-144		4.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41926 - EPA 5030B											
LCS Dup (BC41926-BSD1)								Prepared & Analyzed: 03/27/2024			
Diisopropyl ether (DIPE)	9.56		ug/L	10.0		95.6	70-130		3.40	30	
Ethyl Benzene	8.59		"	10.0		85.9	80-131		4.33	30	
Ethyl tert-butyl ether (ETBE)	10.0		"	10.0		100	70-130		9.60	30	
Hexachlorobutadiene	11.1		"	10.0		111	67-146		3.55	30	
Iodomethane	5.79		"	10.0		57.9	70-130	Low Bias	0.345	30	
Isopropylbenzene	8.52		"	10.0		85.2	76-140		8.22	30	
Methyl acetate	10.1		"	10.0		101	51-139		12.8	30	
Methyl Methacrylate	9.63		"	10.0		96.3	72-132		8.67	30	
Methyl tert-butyl ether (MTBE)	9.93		"	10.0		99.3	76-135		9.16	30	
Methylcyclohexane	11.0		"	10.0		110	72-143		5.05	30	
Methylene chloride	8.85		"	10.0		88.5	55-137		0.226	30	
Naphthalene	12.6		"	10.0		126	70-147		16.5	30	
n-Butylbenzene	9.19		"	10.0		91.9	79-132		6.63	30	
n-Propylbenzene	8.51		"	10.0		85.1	78-133		8.33	30	
o-Xylene	8.40		"	10.0		84.0	78-130		2.24	30	
p- & m- Xylenes	17.3		"	20.0		86.5	77-133		3.58	30	
p-Diethylbenzene	8.59		"	10.0		85.9	84-134		7.29	30	
p-Ethyltoluene	8.27		"	10.0		82.7	88-129	Low Bias	7.00	30	
p-Isopropyltoluene	8.95		"	10.0		89.5	81-136		7.53	30	
sec-Butylbenzene	9.01		"	10.0		90.1	79-137		7.38	30	
Styrene	8.65		"	10.0		86.5	67-132		0.806	30	
tert-Amyl alcohol (TAA)	122		"	100		122	70-130		16.4	30	
tert-Amyl methyl ether (TAME)	10.2		"	10.0		102	70-130		11.6	30	
tert-Butyl alcohol (TBA)	53.8		"	50.0		108	25-162		15.6	30	
tert-Butylbenzene	8.61		"	10.0		86.1	77-138		7.17	30	
Tetrachloroethylene	4.47		"	10.0		44.7	82-131	Low Bias	4.59	30	
Tetrahydrofuran	10.7		"	10.0		107	36-166		15.0	30	
Toluene	8.47		"	10.0		84.7	80-127		3.82	30	
trans-1,2-Dichloroethylene	8.26		"	10.0		82.6	80-132		3.33	30	
trans-1,3-Dichloropropylene	8.87		"	10.0		88.7	78-131		2.63	30	
trans-1,4-dichloro-2-butene	9.28		"	10.0		92.8	63-141		2.40	30	
Trichloroethylene	7.99		"	10.0		79.9	82-128	Low Bias	4.65	30	
Trichlorofluoromethane	12.0		"	10.0		120	67-139		3.43	30	
Vinyl acetate	15.7		"	10.0		157	21-90	High Bias	4.82	30	
Vinyl Chloride	9.36		"	10.0		93.6	58-145		1.80	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC41357 - EPA 3550C

Blank (BC41357-BLK1)

Prepared: 03/19/2024 Analyzed: 03/20/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41357 - EPA 3550C											
Blank (BC41357-BLK1)											
Prepared: 03/19/2024 Analyzed: 03/20/2024											
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.19*		*"*	*1.66*		*71.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.10*		*"*	*1.66*		*66.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.486*		*"*	*0.831*		*58.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.602*		*"*	*0.831*		*72.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.76*		*"*	*1.66*		*106*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.723*		*"*	*0.831*		*87.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41357 - EPA 3550C											
LCS (BC41357-BS1)									Prepared: 03/19/2024 Analyzed: 03/20/2024		
1,1-Biphenyl	0.732	0.0416	mg/kg wet	0.831		88.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.587	0.0830	"	0.831		70.7	21-131				
1,2,4-Trichlorobenzene	0.613	0.0416	"	0.831		73.8	10-140				
1,2-Dichlorobenzene	0.664	0.0416	"	0.831		79.9	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.564	0.0416	"	0.831		68.0	17-137				
1,3-Dichlorobenzene	0.662	0.0416	"	0.831		79.8	33-110				
1,4-Dichlorobenzene	0.696	0.0416	"	0.831		83.8	32-104				
2,3,4,6-Tetrachlorophenol	0.591	0.0830	"	0.831		71.1	30-130				
2,4,5-Trichlorophenol	0.578	0.0416	"	0.831		69.6	27-118				
2,4,6-Trichlorophenol	0.645	0.0416	"	0.831		77.6	31-120				
2,4-Dichlorophenol	0.641	0.0416	"	0.831		77.2	20-127				
2,4-Dimethylphenol	0.606	0.0416	"	0.831		73.0	14-132				
2,4-Dinitrophenol	0.131	0.0830	"	0.831		15.8	10-171				
2,4-Dinitrotoluene	0.852	0.0416	"	0.831		103	34-131				
2,6-Dinitrotoluene	0.813	0.0416	"	0.831		97.8	31-128				
2-Chloronaphthalene	0.664	0.0416	"	0.831		79.9	31-117				
2-Chlorophenol	0.669	0.0416	"	0.831		80.6	33-113				
2-Methylnaphthalene	0.672	0.0416	"	0.831		80.9	12-138				
2-Methylphenol	0.686	0.0416	"	0.831		82.6	10-136				
2-Nitroaniline	0.823	0.0830	"	0.831		99.1	27-132				
2-Nitrophenol	0.781	0.0416	"	0.831		94.1	17-129				
3- & 4-Methylphenols	0.625	0.0416	"	0.831		75.3	29-103				
3,3-Dichlorobenzidine	0.934	0.0416	"	0.831		112	22-149				
3-Nitroaniline	0.616	0.0830	"	0.831		74.1	20-133				
4,6-Dinitro-2-methylphenol	0.677	0.0830	"	0.831		81.6	10-143				
4-Bromophenyl phenyl ether	0.720	0.0416	"	0.831		86.7	29-120				
4-Chloro-3-methylphenol	0.722	0.0416	"	0.831		86.9	24-129				
4-Chloroaniline	0.435	0.0416	"	0.831		52.4	10-132				
4-Chlorophenyl phenyl ether	0.628	0.0416	"	0.831		75.6	27-124				
4-Nitroaniline	0.702	0.0830	"	0.831		84.6	16-128				
4-Nitrophenol	0.510	0.0830	"	0.831		61.4	10-141				
Acenaphthene	0.709	0.0416	"	0.831		85.3	30-121				
Acenaphthylene	0.658	0.0416	"	0.831		79.3	30-115				
Acetophenone	0.577	0.0416	"	0.831		69.5	20-112				
Aniline	0.412	0.166	"	0.831		49.6	10-119				
Anthracene	0.728	0.0416	"	0.831		87.6	34-118				
Atrazine	0.645	0.0416	"	0.831		77.6	26-112				
Benzaldehyde	0.480	0.0416	"	0.831		57.8	21-100				
Benzo(a)anthracene	0.718	0.0416	"	0.831		86.5	32-122				
Benzo(a)pyrene	0.731	0.0416	"	0.831		88.0	29-133				
Benzo(b)fluoranthene	0.712	0.0416	"	0.831		85.7	25-133				
Benzo(g,h,i)perylene	0.738	0.0416	"	0.831		88.9	10-143				
Benzo(k)fluoranthene	0.819	0.0416	"	0.831		98.6	25-128				
Benzoic acid	0.223	0.0416	"	0.831		26.8	10-140				
Benzyl alcohol	0.641	0.0416	"	0.831		77.1	30-115				
Benzyl butyl phthalate	0.716	0.0416	"	0.831		86.2	26-126				
Bis(2-chloroethoxy)methane	0.631	0.0416	"	0.831		76.0	19-132				
Bis(2-chloroethyl)ether	0.699	0.0416	"	0.831		84.2	19-125				
Bis(2-chloroisopropyl)ether	0.580	0.0416	"	0.831		69.8	20-135				
Bis(2-ethylhexyl)phthalate	0.729	0.0416	"	0.831		87.8	10-155				
Caprolactam	0.687	0.0830	"	0.831		82.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41357 - EPA 3550C											
LCS (BC41357-BS1)									Prepared: 03/19/2024 Analyzed: 03/20/2024		
Carbazole	0.723	0.0416	mg/kg wet	0.831		87.0	35-123				
Chrysene	0.718	0.0416	"	0.831		86.5	32-123				
Dibenzo(a,h)anthracene	0.795	0.0416	"	0.831		95.7	10-136				
Dibenzofuran	0.687	0.0416	"	0.831		82.7	29-121				
Diethyl phthalate	0.655	0.0416	"	0.831		78.9	34-116				
Dimethyl phthalate	0.681	0.0416	"	0.831		82.0	35-124				
Di-n-butyl phthalate	0.718	0.0416	"	0.831		86.4	31-116				
Di-n-octyl phthalate	0.747	0.0416	"	0.831		89.9	26-136				
Fluoranthene	0.677	0.0416	"	0.831		81.5	33-122				
Fluorene	0.690	0.0416	"	0.831		83.1	29-123				
Hexachlorobenzene	0.602	0.0416	"	0.831		72.5	21-124				
Hexachlorobutadiene	0.619	0.0416	"	0.831		74.5	10-149				
Hexachlorocyclopentadiene	0.211	0.0416	"	0.831		25.4	10-129				
Hexachloroethane	0.629	0.0416	"	0.831		75.7	28-108				
Indeno(1,2,3-cd)pyrene	1.02	0.0416	"	0.831		123	10-135				
Isophorone	0.581	0.0416	"	0.831		69.9	20-132				
Naphthalene	0.720	0.0416	"	0.831		86.7	23-124				
Nitrobenzene	0.567	0.0416	"	0.831		68.2	13-132				
N-Nitrosodimethylamine	0.481	0.0416	"	0.831		57.9	11-129				
N-nitroso-di-n-propylamine	0.579	0.0416	"	0.831		69.7	24-119				
N-Nitrosodiphenylamine	0.833	0.0416	"	0.831		100	22-152				
Pentachlorophenol	0.366	0.0416	"	0.831		44.1	10-139				
Phenanthrene	0.716	0.0416	"	0.831		86.2	33-123				
Phenol	0.702	0.0416	"	0.831		84.5	23-115				
Pyrene	0.708	0.0416	"	0.831		85.3	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.66*		*70.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.66*		*73.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.536*		"	*0.831*		*64.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.624*		"	*0.831*		*75.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.83*		"	*1.66*		*110*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.699*		"	*0.831*		*84.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41357 - EPA 3550C											
Matrix Spike (BC41357-MS1)	*Source sample: 24C1092-03 (Matrix Spike)							Prepared: 03/19/2024 Analyzed: 03/20/2024			
1,1-Biphenyl	0.935	0.100	mg/kg dry	1.00	ND	93.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.748	0.200	"	1.00	ND	74.6	10-133				
1,2,4-Trichlorobenzene	0.812	0.100	"	1.00	ND	81.0	10-127				
1,2-Dichlorobenzene	0.892	0.100	"	1.00	ND	89.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.708	0.100	"	1.00	ND	70.6	10-144				
1,3-Dichlorobenzene	0.848	0.100	"	1.00	ND	84.6	11-111				
1,4-Dichlorobenzene	0.962	0.100	"	1.00	ND	95.9	10-106				
2,3,4,6-Tetrachlorophenol	0.906	0.200	"	1.00	ND	90.3	30-130				
2,4,5-Trichlorophenol	0.740	0.100	"	1.00	ND	73.8	10-127				
2,4,6-Trichlorophenol	0.811	0.100	"	1.00	ND	80.9	10-132				
2,4-Dichlorophenol	0.854	0.100	"	1.00	ND	85.2	10-128				
2,4-Dimethylphenol	0.789	0.100	"	1.00	ND	78.7	10-137				
2,4-Dinitrophenol	ND	0.200	"	1.00	ND		10-171	Low Bias			
2,4-Dinitrotoluene	1.02	0.100	"	1.00	ND	102	16-135				
2,6-Dinitrotoluene	1.03	0.100	"	1.00	ND	103	18-131				
2-Chloronaphthalene	0.838	0.100	"	1.00	ND	83.6	10-129				
2-Chlorophenol	0.899	0.100	"	1.00	ND	89.7	15-116				
2-Methylnaphthalene	0.914	0.100	"	1.00	ND	91.1	10-147				
2-Methylphenol	0.922	0.100	"	1.00	ND	91.9	10-136				
2-Nitroaniline	0.992	0.200	"	1.00	ND	99.0	10-137				
2-Nitrophenol	0.982	0.100	"	1.00	ND	97.9	10-129				
3- & 4-Methylphenols	0.785	0.100	"	1.00	ND	78.3	10-123				
3,3-Dichlorobenzidine	1.03	0.100	"	1.00	ND	103	10-155				
3-Nitroaniline	0.808	0.200	"	1.00	ND	80.6	12-133				
4,6-Dinitro-2-methylphenol	0.656	0.200	"	1.00	ND	65.4	10-155				
4-Bromophenyl phenyl ether	0.891	0.100	"	1.00	ND	88.8	14-128				
4-Chloro-3-methylphenol	0.932	0.100	"	1.00	ND	93.0	10-134				
4-Chloroaniline	0.648	0.100	"	1.00	ND	64.6	10-145				
4-Chlorophenyl phenyl ether	0.799	0.100	"	1.00	ND	79.7	14-130				
4-Nitroaniline	0.788	0.200	"	1.00	ND	78.6	10-147				
4-Nitrophenol	0.661	0.200	"	1.00	ND	65.9	10-137				
Acenaphthene	0.902	0.100	"	1.00	ND	89.9	10-146				
Acenaphthylene	0.830	0.100	"	1.00	ND	82.7	10-134				
Acetophenone	0.785	0.100	"	1.00	ND	78.2	10-116				
Aniline	0.499	0.402	"	1.00	ND	49.8	10-123				
Anthracene	0.929	0.100	"	1.00	ND	92.6	10-142				
Atrazine	0.812	0.100	"	1.00	ND	81.0	19-115				
Benzaldehyde	0.680	0.100	"	1.00	ND	67.8	10-125				
Benzo(a)anthracene	0.885	0.100	"	1.00	ND	88.2	10-158				
Benzo(a)pyrene	0.891	0.100	"	1.00	ND	88.8	10-180				
Benzo(b)fluoranthene	0.862	0.100	"	1.00	ND	85.9	10-200				
Benzo(g,h,i)perylene	0.907	0.100	"	1.00	ND	90.4	10-138				
Benzo(k)fluoranthene	1.05	0.100	"	1.00	ND	105	10-197				
Benzoic acid	0.400	0.100	"	1.00	ND	39.9	10-166				
Benzyl alcohol	0.795	0.100	"	1.00	ND	79.3	12-124				
Benzyl butyl phthalate	0.858	0.100	"	1.00	ND	85.6	10-154				
Bis(2-chloroethoxy)methane	0.858	0.100	"	1.00	ND	85.6	10-132				
Bis(2-chloroethyl)ether	1.05	0.100	"	1.00	ND	105	10-119				
Bis(2-chloroisopropyl)ether	0.764	0.100	"	1.00	ND	76.2	10-139				
Bis(2-ethylhexyl)phthalate	0.882	0.100	"	1.00	ND	87.9	10-167				
Caprolactam	0.814	0.200	"	1.00	ND	81.1	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41357 - EPA 3550C											
Matrix Spike (BC41357-MS1)	*Source sample: 24C1092-03 (Matrix Spike)								Prepared: 03/19/2024 Analyzed: 03/20/2024		
Carbazole	0.927	0.100	mg/kg dry	1.00	ND	92.5	10-167				
Chrysene	0.935	0.100	"	1.00	ND	93.2	10-156				
Dibenzo(a,h)anthracene	0.896	0.100	"	1.00	ND	89.4	10-137				
Dibenzofuran	0.879	0.100	"	1.00	ND	87.7	10-147				
Diethyl phthalate	0.865	0.100	"	1.00	ND	86.2	20-120				
Dimethyl phthalate	0.875	0.100	"	1.00	ND	87.3	18-131				
Di-n-butyl phthalate	0.905	0.100	"	1.00	ND	90.2	10-137				
Di-n-octyl phthalate	0.900	0.100	"	1.00	ND	89.8	10-180				
Fluoranthene	0.867	0.100	"	1.00	ND	86.5	10-160				
Fluorene	0.904	0.100	"	1.00	ND	90.2	10-157				
Hexachlorobenzene	0.785	0.100	"	1.00	ND	78.3	10-137				
Hexachlorobutadiene	0.793	0.100	"	1.00	ND	79.1	10-132				
Hexachlorocyclopentadiene	0.196	0.100	"	1.00	ND	19.5	10-106				
Hexachloroethane	0.810	0.100	"	1.00	ND	80.7	10-110				
Indeno(1,2,3-cd)pyrene	1.24	0.100	"	1.00	ND	123	10-144				
Isophorone	0.784	0.100	"	1.00	ND	78.2	10-132				
Naphthalene	0.922	0.100	"	1.00	ND	91.9	10-141				
Nitrobenzene	0.720	0.100	"	1.00	ND	71.8	10-131				
N-Nitrosodimethylamine	0.651	0.100	"	1.00	ND	64.9	10-126				
N-nitroso-di-n-propylamine	0.719	0.100	"	1.00	ND	71.7	10-125				
N-Nitrosodiphenylamine	1.00	0.100	"	1.00	ND	100	10-177				
Pentachlorophenol	0.418	0.100	"	1.00	ND	41.7	10-153				
Phenanthrene	0.933	0.100	"	1.00	ND	93.0	10-148				
Phenol	0.923	0.100	"	1.00	ND	92.1	10-126				
Pyrene	0.883	0.100	"	1.00	ND	88.0	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.69*		"	*2.01*		*84.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		"	*2.01*		*81.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.773*		"	*1.00*		*77.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.815*		"	*1.00*		*81.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.41*		"	*2.01*		*120*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.922*		"	*1.00*		*91.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41357 - EPA 3550C											
Matrix Spike Dup (BC41357-MSD1)	*Source sample: 24C1092-03 (Matrix Spike Dup)								Prepared: 03/19/2024 Analyzed: 03/20/2024		
1,1-Biphenyl	0.866	0.100	mg/kg dry	1.00	ND	86.4	10-130		7.57	30	
1,2,4,5-Tetrachlorobenzene	0.688	0.200	"	1.00	ND	68.6	10-133		8.27	30	
1,2,4-Trichlorobenzene	0.757	0.100	"	1.00	ND	75.5	10-127		6.95	30	
1,2-Dichlorobenzene	0.882	0.100	"	1.00	ND	87.9	14-111		1.18	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.672	0.100	"	1.00	ND	67.0	10-144		5.23	30	
1,3-Dichlorobenzene	0.830	0.100	"	1.00	ND	82.7	11-111		2.20	30	
1,4-Dichlorobenzene	0.917	0.100	"	1.00	ND	91.4	10-106		4.78	30	
2,3,4,6-Tetrachlorophenol	0.822	0.200	"	1.00	ND	81.9	30-130		9.75	30	
2,4,5-Trichlorophenol	0.677	0.100	"	1.00	ND	67.5	10-127		8.83	30	
2,4,6-Trichlorophenol	0.758	0.100	"	1.00	ND	75.6	10-132		6.75	30	
2,4-Dichlorophenol	0.826	0.100	"	1.00	ND	82.3	10-128		3.44	30	
2,4-Dimethylphenol	0.708	0.100	"	1.00	ND	70.6	10-137		10.9	30	
2,4-Dinitrophenol	ND	0.200	"	1.00	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.952	0.100	"	1.00	ND	94.9	16-135		7.39	30	
2,6-Dinitrotoluene	0.915	0.100	"	1.00	ND	91.2	18-131		12.0	30	
2-Chloronaphthalene	0.767	0.100	"	1.00	ND	76.5	10-129		8.90	30	
2-Chlorophenol	0.828	0.100	"	1.00	ND	82.6	15-116		8.27	30	
2-Methylnaphthalene	0.830	0.100	"	1.00	ND	82.8	10-147		9.57	30	
2-Methylphenol	0.797	0.100	"	1.00	ND	79.5	10-136		14.5	30	
2-Nitroaniline	0.920	0.200	"	1.00	ND	91.8	10-137		7.55	30	
2-Nitrophenol	0.894	0.100	"	1.00	ND	89.1	10-129		9.41	30	
3- & 4-Methylphenols	0.667	0.100	"	1.00	ND	66.5	10-123		16.4	30	
3,3-Dichlorobenzidine	0.914	0.100	"	1.00	ND	91.1	10-155		12.3	30	
3-Nitroaniline	0.687	0.200	"	1.00	ND	68.5	12-133		16.2	30	
4,6-Dinitro-2-methylphenol	0.683	0.200	"	1.00	ND	68.1	10-155		3.95	30	
4-Bromophenyl phenyl ether	0.815	0.100	"	1.00	ND	81.3	14-128		8.84	30	
4-Chloro-3-methylphenol	0.891	0.100	"	1.00	ND	88.8	10-134		4.58	30	
4-Chloroaniline	0.534	0.100	"	1.00	ND	53.2	10-145		19.4	30	
4-Chlorophenyl phenyl ether	0.772	0.100	"	1.00	ND	77.0	14-130		3.47	30	
4-Nitroaniline	0.788	0.200	"	1.00	ND	78.6	10-147		0.00	30	
4-Nitrophenol	0.582	0.200	"	1.00	ND	58.1	10-137		12.6	30	
Acenaphthene	0.877	0.100	"	1.00	ND	87.4	10-146		2.80	30	
Acenaphthylene	0.790	0.100	"	1.00	ND	78.8	10-134		4.85	30	
Acetophenone	0.727	0.100	"	1.00	ND	72.5	10-116		7.64	30	
Aniline	0.445	0.402	"	1.00	ND	44.4	10-123		11.4	30	
Anthracene	0.837	0.100	"	1.00	ND	83.4	10-142		10.4	30	
Atrazine	0.753	0.100	"	1.00	ND	75.0	19-115		7.59	30	
Benzaldehyde	0.548	0.100	"	1.00	ND	54.6	10-125		21.4	30	
Benzo(a)anthracene	0.797	0.100	"	1.00	ND	79.5	10-158		10.4	30	
Benzo(a)pyrene	0.818	0.100	"	1.00	ND	81.5	10-180		8.55	30	
Benzo(b)fluoranthene	0.775	0.100	"	1.00	ND	77.3	10-200		10.6	30	
Benzo(g,h,i)perylene	0.821	0.100	"	1.00	ND	81.8	10-138		9.94	30	
Benzo(k)fluoranthene	0.932	0.100	"	1.00	ND	93.0	10-197		12.3	30	
Benzoic acid	0.391	0.100	"	1.00	ND	39.0	10-166		2.43	30	
Benzyl alcohol	0.668	0.100	"	1.00	ND	66.6	12-124		17.3	30	
Benzyl butyl phthalate	0.786	0.100	"	1.00	ND	78.4	10-154		8.78	30	
Bis(2-chloroethoxy)methane	0.794	0.100	"	1.00	ND	79.2	10-132		7.77	30	
Bis(2-chloroethyl)ether	0.809	0.100	"	1.00	ND	80.6	10-119		26.2	30	
Bis(2-chloroisopropyl)ether	0.707	0.100	"	1.00	ND	70.5	10-139		7.75	30	
Bis(2-ethylhexyl)phthalate	0.764	0.100	"	1.00	ND	76.2	10-167		14.3	30	
Caprolactam	0.810	0.200	"	1.00	ND	80.8	10-132		0.395	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41357 - EPA 3550C											
Matrix Spike Dup (BC41357-MSD1)	*Source sample: 24C1092-03 (Matrix Spike Dup)								Prepared: 03/19/2024 Analyzed: 03/20/2024		
Carbazole	0.833	0.100	mg/kg dry	1.00	ND	83.0	10-167		10.8	30	
Chrysene	0.836	0.100	"	1.00	ND	83.4	10-156		11.1	30	
Dibenzo(a,h)anthracene	0.895	0.100	"	1.00	ND	89.3	10-137		0.0896	30	
Dibenzofuran	0.817	0.100	"	1.00	ND	81.4	10-147		7.38	30	
Diethyl phthalate	0.813	0.100	"	1.00	ND	81.0	20-120		6.22	30	
Dimethyl phthalate	0.797	0.100	"	1.00	ND	79.4	18-131		9.40	30	
Di-n-butyl phthalate	0.822	0.100	"	1.00	ND	82.0	10-137		9.57	30	
Di-n-octyl phthalate	0.793	0.100	"	1.00	ND	79.0	10-180		12.7	30	
Fluoranthene	0.804	0.100	"	1.00	ND	80.2	10-160		7.59	30	
Fluorene	0.809	0.100	"	1.00	ND	80.6	10-157		11.1	30	
Hexachlorobenzene	0.752	0.100	"	1.00	ND	75.0	10-137		4.38	30	
Hexachlorobutadiene	0.723	0.100	"	1.00	ND	72.1	10-132		9.31	30	
Hexachlorocyclopentadiene	0.178	0.100	"	1.00	ND	17.8	10-106		9.44	30	
Hexachloroethane	0.762	0.100	"	1.00	ND	76.0	10-110		6.02	30	
Indeno(1,2,3-cd)pyrene	1.13	0.100	"	1.00	ND	113	10-144		8.94	30	
Isophorone	0.736	0.100	"	1.00	ND	73.4	10-132		6.34	30	
Naphthalene	0.876	0.100	"	1.00	ND	87.4	10-141		5.09	30	
Nitrobenzene	0.659	0.100	"	1.00	ND	65.8	10-131		8.84	30	
N-Nitrosodimethylamine	0.585	0.100	"	1.00	ND	58.3	10-126		10.6	30	
N-nitroso-di-n-propylamine	0.715	0.100	"	1.00	ND	71.3	10-125		0.560	30	
N-Nitrosodiphenylamine	0.921	0.100	"	1.00	ND	91.8	10-177		8.67	30	
Pentachlorophenol	0.343	0.100	"	1.00	ND	34.2	10-153		19.6	30	
Phenanthrene	0.859	0.100	"	1.00	ND	85.7	10-148		8.24	30	
Phenol	0.838	0.100	"	1.00	ND	83.5	10-126		9.75	30	
Pyrene	0.791	0.100	"	1.00	ND	78.9	10-165		10.9	30	
Surrogate: SURR: 2-Fluorophenol	*1.65*		"	*2.01*		*82.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.58*		"	*2.01*		*79.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.682*		"	*1.00*		*68.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.795*		"	*1.00*		*79.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.10*		"	*2.01*		*105*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.818*		"	*1.00*		*81.6*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC41365 - EPA 3550C

Blank (BC41365-BLK1)

Prepared: 03/19/2024 Analyzed: 03/20/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41365 - EPA 3550C											
Blank (BC41365-BLK1)											
Prepared: 03/19/2024 Analyzed: 03/20/2024											
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.82*		"	*1.66*		*109*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.66*		"	*1.66*		*99.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.648*		"	*0.831*		*78.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.804*		"	*0.831*		*96.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.30*		"	*1.66*		*138*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.909*		"	*0.831*		*109*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41365 - EPA 3550C											
LCS (BC41365-BS1)									Prepared: 03/19/2024 Analyzed: 03/20/2024		
1,1-Biphenyl	0.600	0.0416	mg/kg wet	0.831		72.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.473	0.0830	"	0.831		56.9	21-131				
1,2,4-Trichlorobenzene	0.515	0.0416	"	0.831		62.0	10-140				
1,2-Dichlorobenzene	0.551	0.0416	"	0.831		66.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.400	0.0416	"	0.831		48.2	17-137				
1,3-Dichlorobenzene	0.548	0.0416	"	0.831		65.9	33-110				
1,4-Dichlorobenzene	0.593	0.0416	"	0.831		71.4	32-104				
2,3,4,6-Tetrachlorophenol	0.512	0.0830	"	0.831		61.6	30-130				
2,4,5-Trichlorophenol	0.473	0.0416	"	0.831		56.9	27-118				
2,4,6-Trichlorophenol	0.528	0.0416	"	0.831		63.5	31-120				
2,4-Dichlorophenol	0.539	0.0416	"	0.831		64.9	20-127				
2,4-Dimethylphenol	0.462	0.0416	"	0.831		55.6	14-132				
2,4-Dinitrophenol	0.220	0.0830	"	0.831		26.5	10-171				
2,4-Dinitrotoluene	0.627	0.0416	"	0.831		75.5	34-131				
2,6-Dinitrotoluene	0.681	0.0416	"	0.831		82.0	31-128				
2-Chloronaphthalene	0.536	0.0416	"	0.831		64.5	31-117				
2-Chlorophenol	0.575	0.0416	"	0.831		69.2	33-113				
2-Methylnaphthalene	0.508	0.0416	"	0.831		61.2	12-138				
2-Methylphenol	0.531	0.0416	"	0.831		63.9	10-136				
2-Nitroaniline	0.652	0.0830	"	0.831		78.5	27-132				
2-Nitrophenol	0.565	0.0416	"	0.831		68.0	17-129				
3- & 4-Methylphenols	0.460	0.0416	"	0.831		55.4	29-103				
3,3-Dichlorobenzidine	0.795	0.0416	"	0.831		95.7	22-149				
3-Nitroaniline	0.499	0.0830	"	0.831		60.1	20-133				
4,6-Dinitro-2-methylphenol	0.619	0.0830	"	0.831		74.5	10-143				
4-Bromophenyl phenyl ether	0.564	0.0416	"	0.831		68.0	29-120				
4-Chloro-3-methylphenol	0.572	0.0416	"	0.831		68.9	24-129				
4-Chloroaniline	0.443	0.0416	"	0.831		53.3	10-132				
4-Chlorophenyl phenyl ether	0.468	0.0416	"	0.831		56.3	27-124				
4-Nitroaniline	0.477	0.0830	"	0.831		57.5	16-128				
4-Nitrophenol	0.428	0.0830	"	0.831		51.5	10-141				
Acenaphthene	0.569	0.0416	"	0.831		68.6	30-121				
Acenaphthylene	0.555	0.0416	"	0.831		66.8	30-115				
Acetophenone	0.449	0.0416	"	0.831		54.0	20-112				
Aniline	0.359	0.166	"	0.831		43.3	10-119				
Anthracene	0.577	0.0416	"	0.831		69.4	34-118				
Atrazine	0.538	0.0416	"	0.831		64.8	26-112				
Benzaldehyde	0.443	0.0416	"	0.831		53.3	21-100				
Benzo(a)anthracene	0.582	0.0416	"	0.831		70.0	32-122				
Benzo(a)pyrene	0.526	0.0416	"	0.831		63.3	29-133				
Benzo(b)fluoranthene	0.498	0.0416	"	0.831		60.0	25-133				
Benzo(g,h,i)perylene	0.575	0.0416	"	0.831		69.3	10-143				
Benzo(k)fluoranthene	0.558	0.0416	"	0.831		67.2	25-128				
Benzoic acid	0.180	0.0416	"	0.831		21.7	10-140				
Benzyl alcohol	0.507	0.0416	"	0.831		61.0	30-115				
Benzyl butyl phthalate	0.586	0.0416	"	0.831		70.6	26-126				
Bis(2-chloroethoxy)methane	0.470	0.0416	"	0.831		56.6	19-132				
Bis(2-chloroethyl)ether	0.563	0.0416	"	0.831		67.8	19-125				
Bis(2-chloroisopropyl)ether	0.442	0.0416	"	0.831		53.2	20-135				
Bis(2-ethylhexyl)phthalate	0.602	0.0416	"	0.831		72.5	10-155				
Caprolactam	0.540	0.0830	"	0.831		65.0	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41365 - EPA 3550C											
LCS (BC41365-BS1)									Prepared: 03/19/2024 Analyzed: 03/20/2024		
Carbazole	0.564	0.0416	mg/kg wet	0.831		67.9	35-123				
Chrysene	0.590	0.0416	"	0.831		71.1	32-123				
Dibenzo(a,h)anthracene	0.616	0.0416	"	0.831		74.2	10-136				
Dibenzofuran	0.495	0.0416	"	0.831		59.6	29-121				
Diethyl phthalate	0.490	0.0416	"	0.831		59.0	34-116				
Dimethyl phthalate	0.590	0.0416	"	0.831		71.0	35-124				
Di-n-butyl phthalate	0.565	0.0416	"	0.831		68.1	31-116				
Di-n-octyl phthalate	0.523	0.0416	"	0.831		63.0	26-136				
Fluoranthene	0.539	0.0416	"	0.831		64.9	33-122				
Fluorene	0.507	0.0416	"	0.831		61.0	29-123				
Hexachlorobenzene	0.480	0.0416	"	0.831		57.8	21-124				
Hexachlorobutadiene	0.488	0.0416	"	0.831		58.8	10-149				
Hexachlorocyclopentadiene	0.160	0.0416	"	0.831		19.2	10-129				
Hexachloroethane	0.486	0.0416	"	0.831		58.5	28-108				
Indeno(1,2,3-cd)pyrene	0.767	0.0416	"	0.831		92.4	10-135				
Isophorone	0.448	0.0416	"	0.831		54.0	20-132				
Naphthalene	0.584	0.0416	"	0.831		70.3	23-124				
Nitrobenzene	0.476	0.0416	"	0.831		57.4	13-132				
N-Nitrosodimethylamine	0.438	0.0416	"	0.831		52.7	11-129				
N-nitroso-di-n-propylamine	0.403	0.0416	"	0.831		48.5	24-119				
N-Nitrosodiphenylamine	0.645	0.0416	"	0.831		77.7	22-152				
Pentachlorophenol	0.302	0.0416	"	0.831		36.4	10-139				
Phenanthrene	0.572	0.0416	"	0.831		68.9	33-123				
Phenol	0.611	0.0416	"	0.831		73.6	23-115				
Pyrene	0.495	0.0416	"	0.831		59.6	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.07*		"	*1.66*		*64.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.03*		"	*1.66*		*62.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.445*		"	*0.831*		*53.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.541*		"	*0.831*		*65.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.53*		"	*1.66*		*91.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.582*		"	*0.831*		*70.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41365 - EPA 3550C											
Matrix Spike (BC41365-MS1)	*Source sample: 24C1134-01 (Sed-1)							Prepared: 03/19/2024 Analyzed: 03/20/2024			
1,1-Biphenyl	0.927	0.143	mg/kg dry	1.42	ND	65.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.726	0.285	"	1.42	ND	51.0	10-133				
1,2,4-Trichlorobenzene	0.827	0.143	"	1.42	ND	58.1	10-127				
1,2-Dichlorobenzene	0.972	0.143	"	1.42	ND	68.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.815	0.143	"	1.42	ND	57.2	10-144				
1,3-Dichlorobenzene	0.915	0.143	"	1.42	ND	64.2	11-111				
1,4-Dichlorobenzene	1.01	0.143	"	1.42	ND	70.8	10-106				
2,3,4,6-Tetrachlorophenol	0.856	0.285	"	1.42	ND	60.1	30-130				
2,4,5-Trichlorophenol	0.703	0.143	"	1.42	ND	49.4	10-127				
2,4,6-Trichlorophenol	0.758	0.143	"	1.42	ND	53.2	10-132				
2,4-Dichlorophenol	0.786	0.143	"	1.42	ND	55.2	10-128				
2,4-Dimethylphenol	0.740	0.143	"	1.42	ND	51.9	10-137				
2,4-Dinitrophenol	ND	0.285	"	1.42	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.974	0.143	"	1.42	ND	68.4	16-135				
2,6-Dinitrotoluene	0.979	0.143	"	1.42	ND	68.7	18-131				
2-Chloronaphthalene	0.831	0.143	"	1.42	ND	58.3	10-129				
2-Chlorophenol	0.941	0.143	"	1.42	ND	66.1	15-116				
2-Methylnaphthalene	0.854	0.143	"	1.42	ND	59.9	10-147				
2-Methylphenol	0.899	0.143	"	1.42	ND	63.1	10-136				
2-Nitroaniline	0.907	0.285	"	1.42	ND	63.7	10-137				
2-Nitrophenol	0.976	0.143	"	1.42	ND	68.5	10-129				
3- & 4-Methylphenols	0.777	0.143	"	1.42	ND	54.6	10-123				
3,3-Dichlorobenzidine	1.06	0.143	"	1.42	ND	74.3	10-155				
3-Nitroaniline	0.785	0.285	"	1.42	ND	55.1	12-133				
4,6-Dinitro-2-methylphenol	0.699	0.285	"	1.42	ND	49.0	10-155				
4-Bromophenyl phenyl ether	0.921	0.143	"	1.42	ND	64.6	14-128				
4-Chloro-3-methylphenol	0.906	0.143	"	1.42	ND	63.6	10-134				
4-Chloroaniline	0.684	0.143	"	1.42	ND	48.0	10-145				
4-Chlorophenyl phenyl ether	0.794	0.143	"	1.42	ND	55.8	14-130				
4-Nitroaniline	0.745	0.285	"	1.42	ND	52.3	10-147				
4-Nitrophenol	0.687	0.285	"	1.42	ND	48.2	10-137				
Acenaphthene	0.891	0.143	"	1.42	ND	62.6	10-146				
Acenaphthylene	0.841	0.143	"	1.42	ND	59.0	10-134				
Acetophenone	0.792	0.143	"	1.42	ND	55.6	10-116				
Aniline	0.570	0.571	"	1.42	ND	40.0	10-123				
Anthracene	0.837	0.143	"	1.42	ND	58.7	10-142				
Atrazine	0.743	0.143	"	1.42	ND	52.2	19-115				
Benzaldehyde	0.735	0.143	"	1.42	ND	51.6	10-125				
Benzo(a)anthracene	0.848	0.143	"	1.42	ND	59.5	10-158				
Benzo(a)pyrene	0.740	0.143	"	1.42	ND	51.9	10-180				
Benzo(b)fluoranthene	0.732	0.143	"	1.42	ND	51.4	10-200				
Benzo(g,h,i)perylene	0.881	0.143	"	1.42	ND	61.8	10-138				
Benzo(k)fluoranthene	0.834	0.143	"	1.42	ND	58.6	10-197				
Benzoic acid	0.295	0.143	"	1.42	ND	20.7	10-166				
Benzyl alcohol	0.733	0.143	"	1.42	ND	51.4	12-124				
Benzyl butyl phthalate	0.769	0.143	"	1.42	ND	54.0	10-154				
Bis(2-chloroethoxy)methane	0.811	0.143	"	1.42	ND	57.0	10-132				
Bis(2-chloroethyl)ether	0.987	0.143	"	1.42	ND	69.3	10-119				
Bis(2-chloroisopropyl)ether	0.874	0.143	"	1.42	ND	61.4	10-139				
Bis(2-ethylhexyl)phthalate	0.846	0.143	"	1.42	ND	59.4	10-167				
Caprolactam	0.782	0.285	"	1.42	ND	54.9	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41365 - EPA 3550C											
Matrix Spike (BC41365-MS1)	*Source sample: 24C1134-01 (Sed-1)								Prepared: 03/19/2024 Analyzed: 03/20/2024		
Carbazole	0.788	0.143	mg/kg dry	1.42	ND	55.3	10-167				
Chrysene	0.868	0.143	"	1.42	ND	61.0	10-156				
Dibenzo(a,h)anthracene	0.941	0.143	"	1.42	ND	66.1	10-137				
Dibenzofuran	0.864	0.143	"	1.42	ND	60.6	10-147				
Diethyl phthalate	0.849	0.143	"	1.42	ND	59.6	20-120				
Dimethyl phthalate	0.848	0.143	"	1.42	ND	59.5	18-131				
Di-n-butyl phthalate	0.827	0.143	"	1.42	ND	58.1	10-137				
Di-n-octyl phthalate	0.739	0.143	"	1.42	ND	51.8	10-180				
Fluoranthene	0.827	0.143	"	1.42	ND	58.1	10-160				
Fluorene	0.872	0.143	"	1.42	ND	61.2	10-157				
Hexachlorobenzene	0.735	0.143	"	1.42	ND	51.6	10-137				
Hexachlorobutadiene	0.744	0.143	"	1.42	ND	52.2	10-132				
Hexachlorocyclopentadiene	0.153	0.143	"	1.42	ND	10.7	10-106				
Hexachloroethane	0.888	0.143	"	1.42	ND	62.3	10-110				
Indeno(1,2,3-cd)pyrene	1.11	0.143	"	1.42	ND	78.2	10-144				
Isophorone	0.776	0.143	"	1.42	ND	54.5	10-132				
Naphthalene	0.931	0.143	"	1.42	ND	65.4	10-141				
Nitrobenzene	0.759	0.143	"	1.42	ND	53.3	10-131				
N-Nitrosodimethylamine	0.667	0.143	"	1.42	ND	46.8	10-126				
N-nitroso-di-n-propylamine	0.742	0.143	"	1.42	ND	52.1	10-125				
N-Nitrosodiphenylamine	1.19	0.143	"	1.42	ND	83.4	10-177				
Pentachlorophenol	0.334	0.143	"	1.42	ND	23.4	10-153				
Phenanthrene	0.874	0.143	"	1.42	ND	61.4	10-148				
Phenol	0.896	0.143	"	1.42	ND	62.9	10-126				
Pyrene	0.709	0.143	"	1.42	ND	49.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.78*		"	*2.85*		*62.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		"	*2.85*		*57.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.757*		"	*1.42*		*53.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.813*		"	*1.42*		*57.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.70*		"	*2.85*		*94.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.750*		"	*1.42*		*52.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41365 - EPA 3550C											
Matrix Spike Dup (BC41365-MSD1)	*Source sample: 24C1134-01 (Sed-1)								Prepared: 03/19/2024 Analyzed: 03/20/2024		
1,1-Biphenyl	0.853	0.143	mg/kg dry	1.43	ND	59.7	10-130		8.27	30	
1,2,4,5-Tetrachlorobenzene	0.702	0.286	"	1.43	ND	49.1	10-133		3.35	30	
1,2,4-Trichlorobenzene	0.731	0.143	"	1.43	ND	51.1	10-127		12.4	30	
1,2-Dichlorobenzene	0.877	0.143	"	1.43	ND	61.4	14-111		10.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.664	0.143	"	1.43	ND	46.5	10-144		20.4	30	
1,3-Dichlorobenzene	0.795	0.143	"	1.43	ND	55.6	11-111		14.1	30	
1,4-Dichlorobenzene	0.907	0.143	"	1.43	ND	63.4	10-106		10.6	30	
2,3,4,6-Tetrachlorophenol	0.829	0.286	"	1.43	ND	58.0	30-130		3.19	30	
2,4,5-Trichlorophenol	0.699	0.143	"	1.43	ND	48.9	10-127		0.647	30	
2,4,6-Trichlorophenol	0.782	0.143	"	1.43	ND	54.7	10-132		3.15	30	
2,4-Dichlorophenol	0.835	0.143	"	1.43	ND	58.4	10-128		5.96	30	
2,4-Dimethylphenol	0.727	0.143	"	1.43	ND	50.9	10-137		1.69	30	
2,4-Dinitrophenol	ND	0.286	"	1.43	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	1.01	0.143	"	1.43	ND	70.6	16-135		3.44	30	
2,6-Dinitrotoluene	0.925	0.143	"	1.43	ND	64.7	18-131		5.66	30	
2-Chloronaphthalene	0.776	0.143	"	1.43	ND	54.3	10-129		6.77	30	
2-Chlorophenol	0.832	0.143	"	1.43	ND	58.2	15-116		12.3	30	
2-Methylnaphthalene	0.860	0.143	"	1.43	ND	60.2	10-147		0.730	30	
2-Methylphenol	0.906	0.143	"	1.43	ND	63.4	10-136		0.710	30	
2-Nitroaniline	0.933	0.286	"	1.43	ND	65.3	10-137		2.81	30	
2-Nitrophenol	0.888	0.143	"	1.43	ND	62.2	10-129		9.35	30	
3- & 4-Methylphenols	0.814	0.143	"	1.43	ND	57.0	10-123		4.63	30	
3,3-Dichlorobenzidine	1.02	0.143	"	1.43	ND	71.6	10-155		3.40	30	
3-Nitroaniline	0.694	0.286	"	1.43	ND	48.6	12-133		12.3	30	
4,6-Dinitro-2-methylphenol	0.584	0.286	"	1.43	ND	40.9	10-155		17.8	30	
4-Bromophenyl phenyl ether	0.787	0.143	"	1.43	ND	55.0	14-128		15.7	30	
4-Chloro-3-methylphenol	0.870	0.143	"	1.43	ND	60.9	10-134		4.04	30	
4-Chloroaniline	0.720	0.143	"	1.43	ND	50.4	10-145		5.21	30	
4-Chlorophenyl phenyl ether	0.767	0.143	"	1.43	ND	53.7	14-130		3.47	30	
4-Nitroaniline	0.680	0.286	"	1.43	ND	47.6	10-147		9.12	30	
4-Nitrophenol	0.654	0.286	"	1.43	ND	45.8	10-137		4.95	30	
Acenaphthene	0.867	0.143	"	1.43	ND	60.6	10-146		2.79	30	
Acenaphthylene	0.823	0.143	"	1.43	ND	57.6	10-134		2.14	30	
Acetophenone	0.734	0.143	"	1.43	ND	51.4	10-116		7.60	30	
Aniline	0.473	0.573	"	1.43	ND	33.1	10-123		18.5	30	
Anthracene	0.839	0.143	"	1.43	ND	58.7	10-142		0.331	30	
Atrazine	0.774	0.143	"	1.43	ND	54.2	19-115		4.09	30	
Benzaldehyde	0.644	0.143	"	1.43	ND	45.0	10-125		13.2	30	
Benzo(a)anthracene	0.838	0.143	"	1.43	ND	58.6	10-158		1.16	30	
Benzo(a)pyrene	0.836	0.143	"	1.43	ND	58.5	10-180		12.2	30	
Benzo(b)fluoranthene	0.808	0.143	"	1.43	ND	56.6	10-200		9.97	30	
Benzo(g,h,i)perylene	0.829	0.143	"	1.43	ND	58.0	10-138		6.08	30	
Benzo(k)fluoranthene	0.806	0.143	"	1.43	ND	56.4	10-197		3.43	30	
Benzoic acid	0.262	0.143	"	1.43	ND	18.3	10-166		12.0	30	
Benzyl alcohol	0.732	0.143	"	1.43	ND	51.2	12-124		0.137	30	
Benzyl butyl phthalate	0.854	0.143	"	1.43	ND	59.8	10-154		10.5	30	
Bis(2-chloroethoxy)methane	0.790	0.143	"	1.43	ND	55.3	10-132		2.66	30	
Bis(2-chloroethyl)ether	0.968	0.143	"	1.43	ND	67.8	10-119		1.89	30	
Bis(2-chloroisopropyl)ether	0.759	0.143	"	1.43	ND	53.1	10-139		14.1	30	
Bis(2-ethylhexyl)phthalate	0.850	0.143	"	1.43	ND	59.4	10-167		0.465	30	
Caprolactam	0.811	0.286	"	1.43	ND	56.7	10-132		3.63	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41365 - EPA 3550C											
Matrix Spike Dup (BC41365-MSD1)	*Source sample: 24C1134-01 (Sed-1)								Prepared: 03/19/2024 Analyzed: 03/20/2024		
Carbazole	0.851	0.143	mg/kg dry	1.43	ND	59.5	10-167		7.72	30	
Chrysene	0.866	0.143	"	1.43	ND	60.6	10-156		0.328	30	
Dibenzo(a,h)anthracene	0.925	0.143	"	1.43	ND	64.7	10-137		1.75	30	
Dibenzofuran	0.829	0.143	"	1.43	ND	58.0	10-147		4.12	30	
Diethyl phthalate	0.828	0.143	"	1.43	ND	57.9	20-120		2.53	30	
Dimethyl phthalate	0.848	0.143	"	1.43	ND	59.4	18-131		0.0614	30	
Di-n-butyl phthalate	0.832	0.143	"	1.43	ND	58.2	10-137		0.606	30	
Di-n-octyl phthalate	0.882	0.143	"	1.43	ND	61.7	10-180		17.7	30	
Fluoranthene	0.794	0.143	"	1.43	ND	55.5	10-160		4.18	30	
Fluorene	0.845	0.143	"	1.43	ND	59.1	10-157		3.13	30	
Hexachlorobenzene	0.742	0.143	"	1.43	ND	51.9	10-137		0.949	30	
Hexachlorobutadiene	0.697	0.143	"	1.43	ND	48.8	10-132		6.48	30	
Hexachlorocyclopentadiene	0.136	0.143	"	1.43	ND	9.52	10-106	Low Bias	11.5	30	
Hexachloroethane	0.731	0.143	"	1.43	ND	51.1	10-110		19.4	30	
Indeno(1,2,3-cd)pyrene	1.14	0.143	"	1.43	ND	80.0	10-144		2.66	30	
Isophorone	0.730	0.143	"	1.43	ND	51.0	10-132		6.19	30	
Naphthalene	0.890	0.143	"	1.43	ND	62.2	10-141		4.56	30	
Nitrobenzene	0.678	0.143	"	1.43	ND	47.4	10-131		11.3	30	
N-Nitrosodimethylamine	0.609	0.143	"	1.43	ND	42.6	10-126		8.97	30	
N-nitroso-di-n-propylamine	0.699	0.143	"	1.43	ND	48.9	10-125		6.01	30	
N-Nitrosodiphenylamine	0.947	0.143	"	1.43	ND	66.2	10-177		22.7	30	
Pentachlorophenol	0.374	0.143	"	1.43	ND	26.2	10-153		11.3	30	
Phenanthrene	0.845	0.143	"	1.43	ND	59.1	10-148		3.39	30	
Phenol	0.898	0.143	"	1.43	ND	62.8	10-126		0.203	30	
Pyrene	0.811	0.143	"	1.43	ND	56.7	10-165		13.4	30	
Surrogate: SURR: 2-Fluorophenol	*1.51*		"	*2.86*		*52.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.45*		"	*2.86*		*50.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.717*		"	*1.43*		*50.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.782*		"	*1.43*		*54.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.13*		"	*2.86*		*74.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.859*		"	*1.43*		*60.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41513 - EPA 3510C											
Blank (BC41513-BLK1)											
Prepared: 03/21/2024 Analyzed: 03/22/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*21.0*		"	*50.0*		*41.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*11.2*		"	*50.0*		*22.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*24.0*		"	*25.0*		*96.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.8*		"	*25.0*		*79.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.5*		"	*50.0*		*101*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41513 - EPA 3510C											
Blank (BC41513-BLK1)										Prepared: 03/21/2024 Analyzed: 03/22/2024	
Surrogate: SURR: Terphenyl-d14	*23.2*		*ug/L*	*25.0*		*92.6*	*30.7-106*				
Blank (BC41513-BLK2)										Prepared: 03/21/2024 Analyzed: 03/22/2024	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41513 - EPA 3510C											
LCS (BC41513-BS1)									Prepared: 03/21/2024 Analyzed: 03/22/2024		
1,1-Biphenyl	19.1	5.00	ug/L	25.0		76.4	33-95				
1,2,4,5-Tetrachlorobenzene	18.4	5.00	"	25.0		73.6	26-120				
2,3,4,6-Tetrachlorophenol	20.1	5.00	"	25.0		80.4	30-130				
2,4,5-Trichlorophenol	20.5	5.00	"	25.0		81.9	32-114				
2,4,6-Trichlorophenol	20.6	5.00	"	25.0		82.4	35-118				
2,4-Dichlorophenol	20.8	5.00	"	25.0		83.1	25-116				
2,4-Dimethylphenol	17.3	5.00	"	25.0		69.3	15-116				
2,4-Dinitrophenol	31.3	5.00	"	25.0		125	10-170				
2,4-Dinitrotoluene	26.0	5.00	"	25.0		104	41-128				
2,6-Dinitrotoluene	26.5	5.00	"	25.0		106	45-116				
2-Chloronaphthalene	18.3	5.00	"	25.0		73.2	33-112				
2-Chlorophenol	18.3	5.00	"	25.0		73.2	15-120				
2-Methylnaphthalene	19.8	5.00	"	25.0		79.4	24-118				
2-Methylphenol	15.4	5.00	"	25.0		61.4	10-110				
2-Nitroaniline	24.7	5.00	"	25.0		98.6	34-129				
2-Nitrophenol	24.2	5.00	"	25.0		96.8	28-118				
3- & 4-Methylphenols	12.1	5.00	"	25.0		48.4	10-107				
3,3-Dichlorobenzidine	19.5	5.00	"	25.0		77.9	15-187				
3-Nitroaniline	15.9	5.00	"	25.0		63.4	24-134				
4,6-Dinitro-2-methylphenol	33.2	5.00	"	25.0		133	10-153				
4-Bromophenyl phenyl ether	19.8	5.00	"	25.0		79.3	34-120				
4-Chloro-3-methylphenol	20.6	5.00	"	25.0		82.6	20-120				
4-Chloroaniline	11.4	5.00	"	25.0		45.4	10-147				
4-Chlorophenyl phenyl ether	19.0	5.00	"	25.0		75.9	27-121				
4-Nitroaniline	21.8	5.00	"	25.0		87.1	13-134				
4-Nitrophenol	7.72	5.00	"	25.0		30.9	10-131				
Acetophenone	19.9	5.00	"	25.0		79.5	25-110				
Benzaldehyde	17.4	5.00	"	25.0		69.8	29-117				
Benzyl butyl phthalate	19.5	5.00	"	25.0		78.2	29-133				
Bis(2-chloroethoxy)methane	20.3	5.00	"	25.0		81.2	10-154				
Bis(2-chloroethyl)ether	26.4	5.00	"	25.0		106	17-125				
Bis(2-chloroisopropyl)ether	19.1	5.00	"	25.0		76.4	10-139				
Caprolactam	3.06	5.00	"	25.0		12.2	10-137				
Carbazole	19.4	5.00	"	25.0		77.7	42-126				
Dibenzofuran	18.9	5.00	"	25.0		75.5	36-113				
Diethyl phthalate	19.0	5.00	"	25.0		76.0	38-115				
Dimethyl phthalate	19.6	5.00	"	25.0		78.3	38-129				
Di-n-butyl phthalate	19.3	5.00	"	25.0		77.2	31-120				
Di-n-octyl phthalate	20.4	5.00	"	25.0		81.7	21-149				
Hexachlorocyclopentadiene	12.2	10.0	"	25.0		48.7	10-130				
Isophorone	20.6	5.00	"	25.0		82.6	25-127				
N-nitroso-di-n-propylamine	19.6	5.00	"	25.0		78.3	26-122				
N-Nitrosodiphenylamine	22.4	5.00	"	25.0		89.8	23-149				
Phenol	6.45	5.00	"	25.0		25.8	10-110				
Pyridine	3.63	5.00	"	35.0		10.4	10-90				
Surrogate: SURR: 2-Fluorophenol	*22.4*		*"*	*50.0*		*44.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.8*		*"*	*50.0*		*25.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*24.3*		*"*	*25.0*		*97.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.7*		*"*	*25.0*		*82.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.7*		*"*	*50.0*		*103*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.1*		*"*	*25.0*		*92.3*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41513 - EPA 3510C											
LCS (BC41513-BS2)								Prepared: 03/21/2024 Analyzed: 03/22/2024			
Acenaphthene	0.790	0.0500	ug/L	1.00		79.0	25-116				
Acenaphthylene	0.770	0.0500	"	1.00		77.0	26-116				
Anthracene	0.480	0.0500	"	1.00		48.0	25-123				
Benzo(a)anthracene	0.830	0.0500	"	1.00		83.0	33-125				
Benzo(a)pyrene	0.570	0.0500	"	1.00		57.0	32-132				
Benzo(b)fluoranthene	1.01	0.0500	"	1.00		101	22-137				
Benzo(g,h,i)perylene	0.940	0.0500	"	1.00		94.0	10-138				
Benzo(k)fluoranthene	0.720	0.0500	"	1.00		72.0	20-137				
Bis(2-ethylhexyl)phthalate	1.19	0.500	"	1.00		119	10-189				
Chrysene	0.820	0.0500	"	1.00		82.0	32-124				
Dibenzo(a,h)anthracene	0.950	0.0500	"	1.00		95.0	16-133				
Fluoranthene	0.900	0.0500	"	1.00		90.0	32-121				
Fluorene	0.860	0.0500	"	1.00		86.0	28-118				
Hexachlorobenzene	1.17	0.0200	"	1.00		117	23-124				
Hexachlorobutadiene	0.960	0.500	"	1.00		96.0	15-123				
Hexachloroethane	3.57	0.500	"	1.00		357	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.830	0.0500	"	1.00		83.0	15-135				
Naphthalene	0.820	0.0500	"	1.00		82.0	18-120				
Nitrobenzene	0.500	0.250	"	1.00		50.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.480	0.250	"	1.00		48.0	10-156				
Phenanthrene	1.02	0.0500	"	1.00		102	24-127				
Pyrene	0.790	0.0500	"	1.00		79.0	31-132				
LCS Dup (BC41513-BSD1)								Prepared: 03/21/2024 Analyzed: 03/22/2024			
1,1-Biphenyl	21.5	5.00	ug/L	25.0		85.9	33-95		11.7	20	
1,2,4,5-Tetrachlorobenzene	20.8	5.00	"	25.0		83.2	26-120		12.1	20	
2,3,4,6-Tetrachlorophenol	22.4	5.00	"	25.0		89.4	30-130		10.7	20	
2,4,5-Trichlorophenol	22.7	5.00	"	25.0		90.6	32-114		10.2	20	
2,4,6-Trichlorophenol	22.7	5.00	"	25.0		90.8	35-118		9.65	20	
2,4-Dichlorophenol	23.1	5.00	"	25.0		92.3	25-116		10.5	20	
2,4-Dimethylphenol	18.9	5.00	"	25.0		75.4	15-116		8.46	20	
2,4-Dinitrophenol	35.1	5.00	"	25.0		140	10-170		11.4	20	
2,4-Dinitrotoluene	29.1	5.00	"	25.0		116	41-128		11.4	20	
2,6-Dinitrotoluene	29.5	5.00	"	25.0		118	45-116	High Bias	10.5	20	
2-Chloronaphthalene	20.5	5.00	"	25.0		81.9	33-112		11.2	20	
2-Chlorophenol	20.3	5.00	"	25.0		81.1	15-120		10.2	20	
2-Methylnaphthalene	21.8	5.00	"	25.0		87.0	24-118		9.13	20	
2-Methylphenol	16.7	5.00	"	25.0		66.9	10-110		8.54	20	
2-Nitroaniline	27.7	5.00	"	25.0		111	34-129		11.6	20	
2-Nitrophenol	27.4	5.00	"	25.0		109	28-118		12.3	20	
3- & 4-Methylphenols	13.1	5.00	"	25.0		52.6	10-107		8.24	20	
3,3-Dichlorobenzidine	21.9	5.00	"	25.0		87.7	15-187		11.8	20	
3-Nitroaniline	17.2	5.00	"	25.0		68.9	24-134		8.22	20	
4,6-Dinitro-2-methylphenol	37.9	5.00	"	25.0		152	10-153		13.1	20	
4-Bromophenyl phenyl ether	22.1	5.00	"	25.0		88.5	34-120		11.0	20	
4-Chloro-3-methylphenol	22.5	5.00	"	25.0		90.2	20-120		8.75	20	
4-Chloroaniline	12.1	5.00	"	25.0		48.4	10-147		6.31	20	
4-Chlorophenyl phenyl ether	21.0	5.00	"	25.0		84.2	27-121		10.3	20	
4-Nitroaniline	24.0	5.00	"	25.0		96.1	13-134		9.87	20	
4-Nitrophenol	8.18	5.00	"	25.0		32.7	10-131		5.79	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41513 - EPA 3510C											
LCS Dup (BC41513-BSD1)									Prepared: 03/21/2024 Analyzed: 03/22/2024		
Acetophenone	21.9	5.00	ug/L	25.0		87.6	25-110		9.62	20	
Benzaldehyde	20.2	5.00	"	25.0		81.0	29-117		14.9	20	
Benzyl butyl phthalate	22.2	5.00	"	25.0		89.0	29-133		13.0	20	
Bis(2-chloroethoxy)methane	22.8	5.00	"	25.0		91.1	10-154		11.5	20	
Bis(2-chloroethyl)ether	30.9	5.00	"	25.0		124	17-125		15.8	20	
Bis(2-chloroisopropyl)ether	21.5	5.00	"	25.0		86.0	10-139		11.8	20	
Caprolactam	3.17	5.00	"	25.0		12.7	10-137		3.53	20	
Carbazole	21.7	5.00	"	25.0		86.9	42-126		11.2	20	
Dibenzofuran	20.9	5.00	"	25.0		83.7	36-113		10.4	20	
Diethyl phthalate	21.3	5.00	"	25.0		85.1	38-115		11.2	20	
Dimethyl phthalate	21.7	5.00	"	25.0		86.9	38-129		10.4	20	
Di-n-butyl phthalate	22.2	5.00	"	25.0		88.8	31-120		13.9	20	
Di-n-octyl phthalate	23.4	5.00	"	25.0		93.7	21-149		13.7	20	
Hexachlorocyclopentadiene	13.4	10.0	"	25.0		53.7	10-130		9.69	20	
Isophorone	23.1	5.00	"	25.0		92.5	25-127		11.3	20	
N-nitroso-di-n-propylamine	21.4	5.00	"	25.0		85.7	26-122		9.03	20	
N-Nitrosodiphenylamine	25.5	5.00	"	25.0		102	23-149		12.6	20	
Phenol	7.09	5.00	"	25.0		28.4	10-110		9.45	20	
Pyridine	4.96	5.00	"	35.0		14.2	10-90		31.0	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*23.9*		*"*	*50.0*		*47.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*13.3*		*"*	*50.0*		*26.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.6*		*"*	*25.0*		*106*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.4*		*"*	*25.0*		*89.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*55.1*		*"*	*50.0*		*110*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.6*		*"*	*25.0*		*98.5*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41362 - EPA 3550C											
Blank (BC41362-BLK1)									Prepared: 03/19/2024 Analyzed: 03/25/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*369*		*"*	*495*		*74.6*	*39-127.5*				
LCS (BC41362-BS1)									Prepared: 03/19/2024 Analyzed: 03/26/2024		
1,4-Dioxane	287	19.8	ug/kg	495		58.0	40-130				
Surrogate: 1,4-Dioxane-d8	*363*		*"*	*495*		*73.4*	*39-127.5*				
Matrix Spike (BC41362-MS1)	*Source sample: 24C1092-03 (Matrix Spike)								Prepared: 03/19/2024 Analyzed: 03/26/2024		
1,4-Dioxane	498	19.2	ug/kg	481	ND	104	40-130				
Surrogate: 1,4-Dioxane-d8	*318*		*"*	*481*		*66.0*	*40-130*				
Matrix Spike Dup (BC41362-MSD1)	*Source sample: 24C1092-03 (Matrix Spike Dup)								Prepared: 03/19/2024 Analyzed: 03/26/2024		
1,4-Dioxane	496	19.6	ug/kg	490	ND	101	40-130		0.402	30	
Surrogate: 1,4-Dioxane-d8	*336*		*"*	*490*		*68.6*	*40-130*				
Batch BC41548 - EPA 3535A											
Blank (BC41548-BLK1)									Prepared: 03/21/2024 Analyzed: 03/26/2024		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.10*		*"*	*4.00*		*52.4*	*36.6-118*				
LCS (BC41548-BS1)									Prepared: 03/21/2024 Analyzed: 03/26/2024		
1,4-Dioxane	4.11	0.300	ug/L	4.00		103	50-130				
Surrogate: 1,4-Dioxane-d8	*2.38*		*"*	*4.00*		*59.4*	*36.6-118*				
Matrix Spike (BC41548-MS1)	*Source sample: 24C1289-01 (Matrix Spike)								Prepared: 03/21/2024 Analyzed: 03/26/2024		
1,4-Dioxane	5.02	0.300	ug/L	4.00	0.768	106	50-130				
Surrogate: 1,4-Dioxane-d8	*2.35*		*"*	*4.00*		*58.8*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41548 - EPA 3535A											
Matrix Spike Dup (BC41548-MSD1)	*Source sample: 24C1289-01 (Matrix Spike Dup)								Prepared: 03/21/2024 Analyzed: 03/26/2024		
1,4-Dioxane	4.50	0.300	ug/L	4.00	0.768	93.2	50-130		11.1	30	
Surrogate: 1,4-Dioxane-d8	*2.14*		*"*	*4.00*		*53.6*	*50-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41614 - EPA 1633 Prep											
Blank (BC41614-BLK1)											Prepared: 03/22/2024 Analyzed: 03/28/2024
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.24	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*37.4*		"	*46.6*		*80.3*	*25-150*				
Surrogate: M5PFHxA	*46.6*		"	*50.0*		*93.3*	*25-150*				
Surrogate: M4PFHpA	*44.4*		"	*50.0*		*88.8*	*25-150*				
Surrogate: M3PFHxS	*41.4*		"	*47.4*		*87.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*46.9*		"	*50.0*		*93.7*	*25-150*				
Surrogate: M6PFDA	*21.3*		"	*25.0*		*85.4*	*25-150*				
Surrogate: M7PFUdA	*17.6*		"	*25.0*		*70.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41614 - EPA 1633 Prep											
Blank (BC41614-BLK1)								Prepared: 03/22/2024 Analyzed: 03/28/2024			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.4*		*ng/L*	*25.0*		*61.6*	*25-150*				
Surrogate: M2PFTeDA	*8.31*		*"*	*25.0*		*33.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		*"*	*200*		*5.41*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*38.4*		*"*	*47.9*		*80.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.1*		*"*	*100*		*76.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.0*		*"*	*50.0*		*60.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*51.2*		*"*	*100*		*51.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.4*		*"*	*100*		*50.5*	*25-150*				
Surrogate: M2-6:2 FTS	*49.4*		*"*	*95.1*		*52.0*	*25-200*				
Surrogate: M2-8:2 FTS	*81.5*		*"*	*96.0*		*84.9*	*25-200*				
Surrogate: M9PFNA	*23.7*		*"*	*25.0*		*95.0*	*25-150*				
Surrogate: M2-4:2 FTS	*40.5*		*"*	*93.8*		*43.1*	*25-150*				
Surrogate: d-N-MeFOSA	*10.3*		*"*	*50.0*		*20.6*	*25-150*				
Surrogate: d-N-EtFOSA	*6.26*		*"*	*50.0*		*12.5*	*25-150*				
Surrogate: M3HFPO-DA	*183*		*"*	*200*		*91.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.5*		*"*	*500*		*4.31*	*25-150*				
Surrogate: d7-N-MeFOSE	*43.2*		*"*	*500*		*8.63*	*25-150*				
LCS (BC41614-BS1)								Prepared: 03/22/2024 Analyzed: 03/28/2024			
Perfluorobutanesulfonic acid (PFBS)	72.2	3.54	ng/L	70.8		102	50-150				
Perfluorohexanoic acid (PFHxA)	80.0	4.00	"	80.0		100	50-150				
Perfluoroheptanoic acid (PFHpA)	88.2	4.00	"	80.0		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	76.5	3.66	"	73.2		105	50-150				
Perfluorooctanoic acid (PFOA)	78.6	4.00	"	80.0		98.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	78.5	3.72	"	74.4		106	50-150				
Perfluorononanoic acid (PFNA)	86.9	4.00	"	80.0		109	50-150				
Perfluorodecanoic acid (PFDA)	78.2	4.00	"	80.0		97.7	50-150				
Perfluoroundecanoic acid (PFUnA)	80.6	4.00	"	80.0		101	50-150				
Perfluorododecanoic acid (PFDoA)	86.9	4.00	"	80.0		109	50-150				
Perfluorotridecanoic acid (PFTrDA)	110	4.00	"	80.0		138	50-150				
Perfluorotetradecanoic acid (PFTA)	80.5	4.00	"	80.0		101	50-150				
N-MeFOSAA	77.7	4.00	"	80.0		97.2	50-150				
N-EtFOSAA	88.2	4.00	"	80.0		110	50-150				
Perfluoropentanoic acid (PFPeA)	162	8.00	"	160		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	64.9	4.00	"	80.0		81.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	75.9	3.82	"	76.4		99.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	55.7	3.86	"	77.2		72.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	281	15.2	"	304		92.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	304	15.4	"	307		98.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	323	16.0	"	320		101	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	163	7.12	"	142		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	173	8.00	"	160		108	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	69.0	8.00	"	160		43.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	176	8.00	"	160		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	77.5	3.76	"	75.2		103	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41614 - EPA 1633 Prep											
LCS (BC41614-BS1)								Prepared: 03/22/2024 Analyzed: 03/28/2024			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	305	15.0	ng/L	300		102	50-150				
HFPO-DA (Gen-X)	145	16.0	"	160		90.6	50-150				
11CL-PF3OUdS	93.4	15.1	"	151		61.8	50-150				
9CL-PF3ONS	140	15.0	"	150		93.8	50-150				
ADONA	147	15.1	"	151		97.1	50-150				
Perfluorododecanesulfonic acid (PFDoS)	32.3	3.88	"	77.6		41.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	66.6	3.84	"	76.8		86.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	233	10.0	"	320		72.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1320	50.0	"	1600		82.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1200	50.0	"	1600		75.1	50-150				
N-MeFOSE	801	40.0	"	800		100	50-150				
N-MeFOSA	77.2	4.00	"	80.0		96.6	50-150				
N-EtFOSE	661	40.0	"	800		82.7	50-150				
N-EtFOSA	107	4.00	"	80.0		133	50-150				
Surrogate: M3PFBS	*38.2*		"	*46.6*		*82.0*	*25-150*				
Surrogate: M5PFHxA	*46.6*		"	*50.0*		*93.3*	*25-150*				
Surrogate: M4PFHpA	*41.6*		"	*50.0*		*83.2*	*25-150*				
Surrogate: M3PFHxS	*40.7*		"	*47.4*		*85.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*45.0*		"	*50.0*		*90.0*	*25-150*				
Surrogate: M6PFDA	*22.5*		"	*25.0*		*89.9*	*25-150*				
Surrogate: M7PFUdA	*20.5*		"	*25.0*		*82.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.5*		"	*25.0*		*61.8*	*25-150*				
Surrogate: M2PFTeDA	*9.40*		"	*25.0*		*37.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*21.1*		"	*200*		*10.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*45.7*		"	*47.9*		*95.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*85.8*		"	*100*		*85.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*34.2*		"	*50.0*		*68.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*60.0*		"	*100*		*60.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*57.6*		"	*100*		*57.6*	*25-150*				
Surrogate: M2-6:2 FTS	*50.2*		"	*95.1*		*52.8*	*25-200*				
Surrogate: M2-8:2 FTS	*90.6*		"	*96.0*		*94.4*	*25-200*				
Surrogate: M9PFNA	*21.4*		"	*25.0*		*85.6*	*25-150*				
Surrogate: M2-4:2 FTS	*44.6*		"	*93.8*		*47.5*	*25-150*				
Surrogate: d-N-MeFOSA	*10.5*		"	*50.0*		*21.1*	*25-150*				
Surrogate: d-N-EtFOSA	*5.73*		"	*50.0*		*11.5*	*25-150*				
Surrogate: M3HFPO-DA	*208*		"	*200*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*44.9*		"	*500*		*8.99*	*25-150*				
Surrogate: d7-N-MeFOSE	*70.7*		"	*500*		*14.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41614 - EPA 1633 Prep											
LCS (BC41614-BS2)								Prepared: 03/22/2024 Analyzed: 03/28/2024			
Perfluorobutanesulfonic acid (PFBS)	14.1	3.54	ng/L	14.2		99.4	50-150				
Perfluorohexanoic acid (PFHxA)	16.1	4.00	"	16.0		100	50-150				
Perfluoroheptanoic acid (PFHpA)	17.5	4.00	"	16.0		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	15.7	3.66	"	14.6		108	50-150				
Perfluorooctanoic acid (PFOA)	13.5	4.00	"	16.0		84.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	18.5	3.72	"	14.9		124	50-150				
Perfluorononanoic acid (PFNA)	17.4	4.00	"	16.0		109	50-150				
Perfluorodecanoic acid (PFDA)	15.6	4.00	"	16.0		97.3	50-150				
Perfluoroundecanoic acid (PFUnA)	16.0	4.00	"	16.0		99.8	50-150				
Perfluorododecanoic acid (PFDoA)	14.6	4.00	"	16.0		91.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	24.2	4.00	"	16.0		151	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	18.9	4.00	"	16.0		118	50-150				
N-MeFOSAA	17.1	4.00	"	16.0		107	50-150				
N-EtFOSAA	15.5	4.00	"	16.0		96.9	50-150				
Perfluoropentanoic acid (PFPeA)	32.7	8.00	"	32.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	15.4	4.00	"	16.0		96.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	16.0	3.82	"	15.3		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	10.5	3.86	"	15.4		68.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	59.8	15.2	"	60.8		98.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	66.5	15.4	"	61.4		108	50-150				
Perfluoro-n-butanoic acid (PFBA)	65.1	16.0	"	64.0		102	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	33.8	7.12	"	28.5		119	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	30.1	8.00	"	32.0		94.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	18.9	8.00	"	32.0		59.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	34.3	8.00	"	32.0		107	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	15.9	3.76	"	15.0		105	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	60.3	15.0	"	60.0		101	50-150				
HFPO-DA (Gen-X)	29.9	16.0	"	32.0		93.5	50-150				
11CL-PF3OUdS	19.2	15.1	"	30.2		63.6	50-150				
9CL-PF3ONS	29.7	15.0	"	29.9		99.2	50-150				
ADONA	31.0	15.1	"	30.2		102	50-150				
Perfluorododecanesulfonic acid (PFDoS)	7.31	3.88	"	15.5		47.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	15.0	3.84	"	15.4		97.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	49.8	10.0	"	64.0		77.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	264	50.0	"	320		82.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	237	50.0	"	320		73.9	50-150				
N-MeFOSE	195	40.0	"	160		122	50-150				
N-MeFOSA	269	4.00	"	16.0		NR	50-150	High Bias			
N-EtFOSE	2250	40.0	"	160		NR	50-150	High Bias			
N-EtFOSA	16.9	4.00	"	16.0		105	50-150				
Surrogate: M3PFBS	*39.4*		"	*46.6*		*84.5*	*25-150*				
Surrogate: M5PFHxA	*47.9*		"	*50.0*		*95.9*	*25-150*				
Surrogate: M4PFHpA	*44.7*		"	*50.0*		*89.3*	*25-150*				
Surrogate: M3PFHxS	*42.0*		"	*47.4*		*88.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*52.1*		"	*50.0*		*104*	*25-150*				
Surrogate: M6PFDA	*22.7*		"	*25.0*		*90.9*	*25-150*				
Surrogate: M7PFUdA	*19.9*		"	*25.0*		*79.7*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41614 - EPA 1633 Prep											
LCS (BC41614-BS2)									Prepared: 03/22/2024 Analyzed: 03/28/2024		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.3*		*ng/L*	*25.0*		*65.0*	*25-150*				
Surrogate: M2PFTeDA	*8.87*		*"*	*25.0*		*35.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*40.7*		*"*	*200*		*20.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*42.1*		*"*	*47.9*		*87.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*93.5*		*"*	*100*		*93.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.9*		*"*	*50.0*		*67.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*58.9*		*"*	*100*		*59.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.5*		*"*	*100*		*62.5*	*25-150*				
Surrogate: M2-6:2 FTS	*44.8*		*"*	*95.1*		*47.1*	*25-200*				
Surrogate: M2-8:2 FTS	*82.4*		*"*	*96.0*		*85.8*	*25-200*				
Surrogate: M9PFNA	*22.6*		*"*	*25.0*		*90.4*	*25-150*				
Surrogate: M2-4:2 FTS	*41.6*		*"*	*93.8*		*44.4*	*25-150*				
Surrogate: d-N-MeFOSA	*10.2*		*"*	*50.0*		*20.4*	*25-150*				
Surrogate: d-N-EtFOSA	*5.86*		*"*	*50.0*		*11.7*	*25-150*				
Surrogate: M3HFPO-DA	*204*		*"*	*200*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*37.9*		*"*	*500*		*7.58*	*25-150*				
Surrogate: d7-N-MeFOSE	*67.9*		*"*	*500*		*13.6*	*25-150*				
Duplicate (BC41614-DUP1)	*Source sample: 24C1134-09 (SWS-3)								Prepared: 03/22/2024 Analyzed: 03/28/2024		
Perfluorobutanesulfonic acid (PFBS)	1.16	1.79	ng/L		1.09				6.50	30	
Perfluorohexanoic acid (PFHxA)	2.32	2.02	"		2.56				9.82	30	
Perfluoroheptanoic acid (PFHpA)	1.31	2.02	"		1.14				13.9	30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.85	"		ND					30	
Perfluorooctanoic acid (PFOA)	2.73	2.02	"		2.68				1.71	30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.88	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	2.02	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	2.02	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	2.02	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	2.02	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	2.02	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	2.02	"		ND					30	
N-MeFOSAA	ND	2.02	"		ND					30	
N-EtFOSAA	ND	2.02	"		ND					30	
Perfluoropentanoic acid (PFPeA)	3.15	4.04	"		2.94				6.90	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.02	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.93	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.95	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.67	"		2.37					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.75	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	8.07	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.59	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.04	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.04	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.04	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.90	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41614 - EPA 1633 Prep											
Duplicate (BC41614-DUP1)	*Source sample: 24C1134-09 (SWS-3)								Prepared: 03/22/2024 Analyzed: 03/28/2024		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.57	ng/L		ND					30	
HFPO-DA (Gen-X)	ND	8.07	"		ND					30	
11CL-PF3OUdS	ND	7.63	"		ND					30	
9CL-PF3ONS	ND	7.55	"		ND					30	
ADONA	ND	7.63	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.96	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.94	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.05	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.2	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.2	"		ND					30	
N-MeFOSE	4.14	20.2	"		ND					30	
N-MeFOSA	ND	2.02	"		ND					30	
N-EtFOSE	ND	20.2	"		ND					30	
N-EtFOSA	ND	2.02	"		ND					30	
Surrogate: M3PFBS	*19.6*		"	*23.5*		*83.3*	*25-150*				
Surrogate: M5PFHxA	*25.2*		"	*25.2*		*99.7*	*25-150*				
Surrogate: M4PFHpA	*21.3*		"	*25.2*		*84.3*	*25-150*				
Surrogate: M3PFHxS	*21.8*		"	*23.9*		*91.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.9*		"	*25.2*		*103*	*25-150*				
Surrogate: M6PFDA	*10.8*		"	*12.6*		*85.7*	*25-150*				
Surrogate: M7PFUdA	*10.1*		"	*12.6*		*80.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.57*		"	*12.6*		*60.0*	*25-150*				
Surrogate: M2PFTeDA	*3.62*		"	*12.6*		*28.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.42*		"	*101*		*1.40*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.6*		"	*24.2*		*93.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.7*		"	*50.5*		*56.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*18.0*		"	*25.2*		*71.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*26.5*		"	*50.5*		*52.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*29.6*		"	*50.5*		*58.6*	*25-150*				
Surrogate: M2-6:2 FTS	*27.7*		"	*48.0*		*57.7*	*25-200*				
Surrogate: M2-8:2 FTS	*34.2*		"	*48.4*		*70.6*	*25-200*				
Surrogate: M9PFNA	*11.5*		"	*12.6*		*91.2*	*25-150*				
Surrogate: M2-4:2 FTS	*37.3*		"	*47.3*		*78.8*	*25-150*				
Surrogate: d-N-MeFOSA	*0.468*		"	*25.2*		*1.86*	*25-150*				
Surrogate: d-N-EtFOSA	*4.42*		"	*25.2*		*17.5*	*25-150*				
Surrogate: M3HFPO-DA	*102*		"	*101*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.8*		"	*252*		*8.63*	*25-150*				
Surrogate: d7-N-MeFOSE	*28.5*		"	*252*		*11.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41656 - EPA 1633 Prep											
Blank (BC41656-BLK1)											Prepared: 03/22/2024 Analyzed: 03/27/2024
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*1.97*		"	*1.94*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.20*		"	*2.08*		*106*	*25-150*				
Surrogate: M4PFHpA	*1.84*		"	*2.08*		*88.0*	*25-150*				
Surrogate: M3PFHxS	*1.59*		"	*1.98*		*80.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.71*		"	*2.08*		*82.1*	*25-150*				
Surrogate: M6PFDA	*0.624*		"	*1.04*		*60.0*	*25-150*				
Surrogate: M7PFUdA	*0.618*		"	*1.04*		*59.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41656 - EPA 1633 Prep											
Blank (BC41656-BLK1)								Prepared: 03/22/2024 Analyzed: 03/27/2024			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.643*		*ug/kg wet*	*1.04*		*61.9*	*25-150*				
Surrogate: M2PFTeDA	*0.531*		*"*	*1.04*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.265*		*"*	*8.35*		*3.17*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.18*		*"*	*2.00*		*59.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.49*		*"*	*4.16*		*35.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.91*		*"*	*2.08*		*91.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.59*		*"*	*4.16*		*38.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.09*		*"*	*4.16*		*50.2*	*25-150*				
Surrogate: M2-6:2 FTS	*1.43*		*"*	*3.96*		*36.0*	*25-200*				
Surrogate: M2-8:2 FTS	*1.09*		*"*	*4.00*		*27.3*	*25-200*				
Surrogate: M9PFNA	*0.679*		*"*	*1.04*		*65.3*	*25-150*				
Surrogate: M2-4:2 FTS	*1.90*		*"*	*3.91*		*48.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.23*		*"*	*2.08*		*59.1*	*25-150*				
Surrogate: d-N-EtFOSA	*0.497*		*"*	*2.08*		*23.8*	*25-150*				
Surrogate: M3HFPO-DA	*9.28*		*"*	*8.35*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.92*		*"*	*20.8*		*42.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.0*		*"*	*20.8*		*57.8*	*25-150*				
LCS (BC41656-BS1)								Prepared: 03/22/2024 Analyzed: 03/27/2024			
Perfluorobutanesulfonic acid (PFBS)	1.99	0.177	ug/kg wet	3.54		56.1	50-150				
Perfluorohexanoic acid (PFHxA)	2.27	0.200	"	4.00		56.7	50-150				
Perfluoroheptanoic acid (PFHpA)	2.51	0.200	"	4.00		62.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	2.17	0.183	"	3.66		59.2	50-150				
Perfluorooctanoic acid (PFOA)	2.03	0.200	"	4.00		50.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.55	0.186	"	3.72		68.5	50-150				
Perfluorononanoic acid (PFNA)	2.20	0.200	"	4.00		54.9	50-150				
Perfluorodecanoic acid (PFDA)	2.27	0.200	"	4.00		56.7	50-150				
Perfluoroundecanoic acid (PFUnA)	2.30	0.200	"	4.00		57.5	50-150				
Perfluorododecanoic acid (PFDoA)	2.27	0.200	"	4.00		56.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	2.50	0.200	"	4.00		62.6	50-150				
Perfluorotetradecanoic acid (PFTA)	2.68	0.200	"	4.00		67.1	50-150				
N-MeFOSAA	2.11	0.200	"	4.00		52.8	50-150				
N-EtFOSAA	2.45	0.200	"	4.00		61.4	50-150				
Perfluoropentanoic acid (PFPeA)	4.57	0.400	"	8.00		57.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.16	0.200	"	4.00		54.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.82	0.200	"	3.82		73.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	1.72	0.193	"	3.86		44.5	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	7.77	0.760	"	15.2		51.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	8.86	0.768	"	15.4		57.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	8.99	0.800	"	16.0		56.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.71	0.356	"	7.12		66.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.18	0.400	"	8.00		52.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.696	0.400	"	8.00		8.70	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	5.65	0.400	"	8.00		70.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	2.33	0.188	"	3.76		62.0	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41656 - EPA 1633 Prep											
LCS (BC41656-BS1)								Prepared: 03/22/2024 Analyzed: 03/27/2024			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	8.77	0.750	ug/kg wet	15.0		58.5	50-150				
HFPO-DA (Gen-X)	ND	0.800	"				50-150				
11CL-PF3OUdS	ND	0.756	"				50-150				
9CL-PF3ONS	ND	0.748	"				50-150				
ADONA	ND	0.756	"				50-150				
Perfluorododecanesulfonic acid (PFDoS)	1.32	0.194	"	3.88		34.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	1.84	0.192	"	3.84		47.8	50-150	Low Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	5.26	1.00	"	16.0		32.9	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	45.0	5.00	"	80.0		56.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	36.0	5.00	"	80.0		45.1	50-150	Low Bias			
N-MeFOSE	22.9	2.00	"	40.0		57.2	50-150				
N-MeFOSA	2.47	0.200	"	4.00		61.7	50-150				
N-EtFOSE	18.8	2.00	"	40.0		47.0	50-150	Low Bias			
N-EtFOSA	2.99	0.200	"	4.00		74.7	50-150				
Surrogate: M3PFBS	*3.49*		"	*1.86*		*187*	*25-150*				
Surrogate: M5PFHxA	*4.14*		"	*2.00*		*207*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.00*		*171*	*25-150*				
Surrogate: M3PFHxS	*3.31*		"	*1.90*		*175*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.78*		"	*2.00*		*189*	*25-150*				
Surrogate: M6PFDA	*1.38*		"	*1.00*		*138*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.00*		*128*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.30*		"	*1.00*		*130*	*25-150*				
Surrogate: M2PFTeDA	*1.09*		"	*1.00*		*109*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.41*		"	*8.00*		*17.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.68*		"	*1.92*		*140*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.52*		"	*4.00*		*138*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.62*		"	*2.00*		*181*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.81*		"	*4.00*		*95.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.34*		"	*4.00*		*108*	*25-150*				
Surrogate: M2-6:2 FTS	*3.06*		"	*3.80*		*80.6*	*25-200*				
Surrogate: M2-8:2 FTS	*2.58*		"	*3.84*		*67.1*	*25-200*				
Surrogate: M9PFNA	*1.80*		"	*1.00*		*180*	*25-150*				
Surrogate: M2-4:2 FTS	*3.29*		"	*3.76*		*87.6*	*25-150*				
Surrogate: d-N-MeFOSA	*2.61*		"	*2.00*		*130*	*25-150*				
Surrogate: d-N-EtFOSA	*2.00*		"	*2.00*		*100*	*25-150*				
Surrogate: M3HFPO-DA	*18.0*		"	*8.00*		*226*	*25-150*				
Surrogate: d9-N-EtFOSE	*23.6*		"	*20.0*		*118*	*25-150*				
Surrogate: d7-N-MeFOSE	*24.9*		"	*20.0*		*124*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41656 - EPA 1633 Prep											
LCS (BC41656-BS2)								Prepared: 03/22/2024 Analyzed: 03/27/2024			
Perfluorobutanesulfonic acid (PFBS)	0.653	0.177	ug/kg wet	0.708		92.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.726	0.200	"	0.800		90.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.773	0.200	"	0.800		96.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.683	0.183	"	0.732		93.3	50-150				
Perfluorooctanoic acid (PFOA)	0.636	0.200	"	0.800		79.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.701	0.186	"	0.744		94.3	50-150				
Perfluorononanoic acid (PFNA)	0.661	0.200	"	0.800		82.6	50-150				
Perfluorodecanoic acid (PFDA)	0.714	0.200	"	0.800		89.2	50-150				
Perfluoroundecanoic acid (PFUnA)	0.760	0.200	"	0.800		95.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.658	0.200	"	0.800		82.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.870	0.200	"	0.800		109	50-150				
Perfluorotetradecanoic acid (PFTA)	0.861	0.200	"	0.800		108	50-150				
N-MeFOSAA	0.682	0.200	"	0.800		85.3	50-150				
N-EtFOSAA	0.783	0.200	"	0.800		97.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.43	0.400	"	1.60		89.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.701	0.200	"	0.800		87.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.842	0.200	"	0.764		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.466	0.193	"	0.772		60.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2.57	0.760	"	3.04		84.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.79	0.768	"	3.07		90.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.90	0.800	"	3.20		90.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.51	0.356	"	1.42		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.41	0.400	"	1.60		88.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.447	0.400	"	1.60		27.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.72	0.400	"	1.60		108	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.701	0.188	"	0.752		93.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	2.63	0.750	"	3.00		87.6	50-150				
HFPO-DA (Gen-X)	ND	0.800	"				50-150				
11CL-PF3OUdS	ND	0.756	"				50-150				
9CL-PF3ONS	ND	0.748	"				50-150				
ADONA	ND	0.756	"				50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.354	0.194	"	0.776		45.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.590	0.192	"	0.768		76.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.00	1.00	"	3.20		62.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	14.4	5.00	"	16.0		89.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	11.5	5.00	"	16.0		71.8	50-150				
N-MeFOSE	6.47	2.00	"	8.00		80.9	50-150				
N-MeFOSA	0.690	0.200	"	0.800		86.3	50-150				
N-EtFOSE	5.98	2.00	"	8.00		74.8	50-150				
N-EtFOSA	0.771	0.200	"	0.800		96.3	50-150				
Surrogate: M3PFBS	*2.19*		"	*0.373*		*588*	*25-150*				
Surrogate: M5PFHxA	*2.58*		"	*0.400*		*644*	*25-150*				
Surrogate: M4PFHpA	*2.29*		"	*0.400*		*571*	*25-150*				
Surrogate: M3PFHxS	*2.19*		"	*0.379*		*578*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		"	*0.400*		*672*	*25-150*				
Surrogate: M6PFDA	*0.950*		"	*0.200*		*475*	*25-150*				
Surrogate: M7PFUdA	*0.928*		"	*0.200*		*464*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41656 - EPA 1633 Prep											
LCS (BC41656-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.814*		*ug/kg wet*	*0.200*		*407*	*25-150*				
Surrogate: M2PFTeDA	*0.543*		*"*	*0.200*		*272*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.60*		*"*	*1.60*		*162*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.04*		*"*	*0.383*		*532*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.93*		*"*	*0.800*		*492*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.30*		*"*	*0.400*		*575*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.31*		*"*	*0.800*		*288*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.69*		*"*	*0.800*		*336*	*25-150*				
Surrogate: M2-6:2 FTS	*1.99*		*"*	*0.760*		*262*	*25-200*				
Surrogate: M2-8:2 FTS	*1.51*		*"*	*0.768*		*196*	*25-200*				
Surrogate: M9PFNA	*1.29*		*"*	*0.200*		*647*	*25-150*				
Surrogate: M2-4:2 FTS	*2.15*		*"*	*0.752*		*287*	*25-150*				
Surrogate: d-N-MeFOSA	*1.76*		*"*	*0.400*		*439*	*25-150*				
Surrogate: d-N-EtFOSA	*1.53*		*"*	*0.400*		*381*	*25-150*				
Surrogate: M3HFPO-DA	*11.6*		*"*	*1.60*		*727*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.2*		*"*	*4.00*		*330*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.1*		*"*	*4.00*		*351*	*25-150*				
Duplicate (BC41656-DUP1)	*Source sample: 24C1248-04 (Duplicate)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.215	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.243	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.243	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.222	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.243	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.226	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.243	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.243	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.243	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.243	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.243	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.243	"		ND					30	
N-MeFOSAA	ND	0.243	"		ND					30	
N-EtFOSAA	ND	0.243	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.486	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.243	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.243	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.234	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.923	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.932	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.971	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.432	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.486	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.486	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.486	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.228	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41656 - EPA 1633 Prep											
Duplicate (BC41656-DUP1)	*Source sample: 24C1248-04 (Duplicate)								Prepared: 03/22/2024 Analyzed: 03/28/2024		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.911	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.971	"		ND					30	
11CL-PF3OUdS	ND	0.918	"		ND					30	
9CL-PF3ONS	ND	0.908	"		ND					30	
ADONA	ND	0.918	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.236	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.233	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.21	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	6.07	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	6.07	"		ND					30	
N-MeFOSE	ND	2.43	"		ND					30	
N-MeFOSA	ND	0.243	"		ND					30	
N-EtFOSE	ND	2.43	"		ND					30	
N-EtFOSA	ND	0.243	"		ND					30	
Surrogate: M3PFBS	*2.48*		"	*2.36*		*105*	*25-150*				
Surrogate: M5PFHxA	*2.87*		"	*2.53*		*113*	*25-150*				
Surrogate: M4PFHpA	*2.50*		"	*2.53*		*98.9*	*25-150*				
Surrogate: M3PFHxS	*2.09*		"	*2.40*		*87.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.33*		"	*2.53*		*92.0*	*25-150*				
Surrogate: M6PFDA	*0.915*		"	*1.26*		*72.5*	*25-150*				
Surrogate: M7PFUdA	*0.999*		"	*1.26*		*79.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.897*		"	*1.26*		*71.0*	*25-150*				
Surrogate: M2PFTeDA	*0.786*		"	*1.26*		*62.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.3*		"	*10.1*		*131*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.69*		"	*2.42*		*69.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.87*		"	*5.06*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.53*		"	*2.53*		*60.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.23*		"	*5.06*		*44.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.46*		"	*5.06*		*48.6*	*25-150*				
Surrogate: M2-6:2 FTS	*1.76*		"	*4.81*		*36.7*	*25-200*				
Surrogate: M2-8:2 FTS	*1.34*		"	*4.86*		*27.5*	*25-200*				
Surrogate: M9PFNA	*0.959*		"	*1.26*		*76.0*	*25-150*				
Surrogate: M2-4:2 FTS	*2.32*		"	*4.75*		*48.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.78*		"	*2.53*		*70.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.23*		"	*2.53*		*48.4*	*25-150*				
Surrogate: M3HFPO-DA	*12.5*		"	*10.1*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.1*		"	*25.3*		*51.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.7*		"	*25.3*		*54.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41358 - EPA 3550C											
Blank (BC41358-BLK1)											Prepared: 03/19/2024 Analyzed: 03/21/2024
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0500*		*"*	*0.0664*		*75.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.5*	*30-150*				
LCS (BC41358-BS1)											Prepared: 03/19/2024 Analyzed: 03/21/2024
4,4'-DDD	0.0261	0.00164	mg/kg wet	0.0332		78.7	40-140				
4,4'-DDE	0.0265	0.00164	"	0.0332		79.8	40-140				
4,4'-DDT	0.0262	0.00164	"	0.0332		79.0	40-140				
Aldrin	0.0241	0.00164	"	0.0332		72.7	40-140				
alpha-BHC	0.0261	0.00164	"	0.0332		78.4	40-140				
alpha-Chlordane	0.0266	0.00164	"	0.0332		80.0	40-140				
beta-BHC	0.0285	0.00164	"	0.0332		85.7	40-140				
delta-BHC	0.0258	0.00164	"	0.0332		77.5	40-140				
Dieldrin	0.0262	0.00164	"	0.0332		78.8	40-140				
Endosulfan I	0.0264	0.00164	"	0.0332		79.5	40-140				
Endosulfan II	0.0284	0.00164	"	0.0332		85.4	40-140				
Endosulfan sulfate	0.0261	0.00164	"	0.0332		78.6	40-140				
Endrin	0.0261	0.00164	"	0.0332		78.7	40-140				
Endrin aldehyde	0.0202	0.00164	"	0.0332		60.8	40-140				
Endrin ketone	0.0270	0.00164	"	0.0332		81.4	40-140				
gamma-BHC (Lindane)	0.0264	0.00164	"	0.0332		79.4	40-140				
gamma-Chlordane	0.0268	0.00164	"	0.0332		80.5	40-140				
Heptachlor	0.0262	0.00164	"	0.0332		78.8	40-140				
Heptachlor epoxide	0.0275	0.00164	"	0.0332		82.7	40-140				
Methoxychlor	0.0273	0.00164	"	0.0332		82.3	40-140				
Surrogate: Decachlorobiphenyl	*0.0525*		*"*	*0.0664*		*79.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0552*		*"*	*0.0664*		*83.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41358 - EPA 3550C											
Matrix Spike (BC41358-MS1)	*Source sample: 24C1083-01 (Matrix Spike)								Prepared: 03/19/2024 Analyzed: 03/21/2024		
4,4'-DDD	0.0251	0.00188	mg/kg dry	0.0380	ND	66.0	30-150				
4,4'-DDE	0.0208	0.00188	"	0.0380	ND	54.8	30-150				
4,4'-DDT	0.0435	0.00188	"	0.0380	ND	114	30-150				
Aldrin	0.0228	0.00188	"	0.0380	ND	60.0	30-150				
alpha-BHC	0.0250	0.00188	"	0.0380	ND	65.7	30-150				
alpha-Chlordane	0.0234	0.00188	"	0.0380	ND	61.4	30-150				
beta-BHC	0.0169	0.00188	"	0.0380	ND	44.3	30-150				
delta-BHC	0.0218	0.00188	"	0.0380	ND	57.2	30-150				
Dieldrin	0.0232	0.00188	"	0.0380	ND	60.9	30-150				
Endosulfan I	0.0232	0.00188	"	0.0380	ND	61.0	30-150				
Endosulfan II	0.0264	0.00188	"	0.0380	ND	69.4	30-150				
Endosulfan sulfate	0.0201	0.00188	"	0.0380	ND	52.9	30-150				
Endrin	0.0254	0.00188	"	0.0380	ND	66.8	30-150				
Endrin aldehyde	0.0203	0.00188	"	0.0380	ND	53.3	30-150				
Endrin ketone	0.0378	0.00188	"	0.0380	ND	99.4	30-150				
gamma-BHC (Lindane)	0.0250	0.00188	"	0.0380	ND	65.7	30-150				
gamma-Chlordane	0.0222	0.00188	"	0.0380	ND	58.3	30-150				
Heptachlor	0.0243	0.00188	"	0.0380	ND	63.8	30-150				
Heptachlor epoxide	0.0259	0.00188	"	0.0380	ND	68.1	30-150				
Methoxychlor	0.0354	0.00188	"	0.0380	ND	93.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0401*		*"*	*0.0761*		*52.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0502*		*"*	*0.0761*		*66.0*	*30-150*				
Matrix Spike Dup (BC41358-MSD1)	*Source sample: 24C1083-01 (Matrix Spike Dup)								Prepared: 03/19/2024 Analyzed: 03/21/2024		
4,4'-DDD	0.0223	0.00188	mg/kg dry	0.0380	ND	58.5	30-150		12.1	30	
4,4'-DDE	0.0150	0.00188	"	0.0380	ND	39.4	30-150		32.7	30	Non-dir.
4,4'-DDT	0.0255	0.00188	"	0.0380	ND	67.2	30-150		52.1	30	Non-dir.
Aldrin	0.0172	0.00188	"	0.0380	ND	45.2	30-150		28.1	30	
alpha-BHC	0.0189	0.00188	"	0.0380	ND	49.7	30-150		27.8	30	
alpha-Chlordane	0.0182	0.00188	"	0.0380	ND	47.9	30-150		24.8	30	
beta-BHC	0.0123	0.00188	"	0.0380	ND	32.5	30-150		30.9	30	Non-dir.
delta-BHC	0.0159	0.00188	"	0.0380	ND	41.7	30-150		31.3	30	Non-dir.
Dieldrin	0.0171	0.00188	"	0.0380	ND	44.9	30-150		30.2	30	Non-dir.
Endosulfan I	0.0179	0.00188	"	0.0380	ND	47.0	30-150		25.8	30	
Endosulfan II	0.0187	0.00188	"	0.0380	ND	49.1	30-150		34.2	30	Non-dir.
Endosulfan sulfate	0.0143	0.00188	"	0.0380	ND	37.7	30-150		33.7	30	Non-dir.
Endrin	0.0190	0.00188	"	0.0380	ND	49.8	30-150		29.1	30	
Endrin aldehyde	0.0171	0.00188	"	0.0380	ND	45.1	30-150		16.7	30	
Endrin ketone	0.0298	0.00188	"	0.0380	ND	78.2	30-150		23.8	30	
gamma-BHC (Lindane)	0.0186	0.00188	"	0.0380	ND	49.0	30-150		29.2	30	
gamma-Chlordane	0.0162	0.00188	"	0.0380	ND	42.6	30-150		31.2	30	Non-dir.
Heptachlor	0.0186	0.00188	"	0.0380	ND	48.8	30-150		26.7	30	
Heptachlor epoxide	0.0195	0.00188	"	0.0380	ND	51.1	30-150		28.5	30	
Methoxychlor	0.0260	0.00188	"	0.0380	ND	68.4	30-150		30.6	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0345*		*"*	*0.0761*		*45.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0417*		*"*	*0.0761*		*54.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41592 - EPA SW846-3510C Low Level											
Blank (BC41592-BLK1)									Prepared & Analyzed: 03/22/2024		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.101*		*"*	*0.200*		*50.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.139*		*"*	*0.200*		*69.3*	*30-150*				
LCS (BC41592-BS1)									Prepared & Analyzed: 03/22/2024		
4,4'-DDD	0.0733	0.00400	ug/L	0.100		73.3	40-140				
4,4'-DDE	0.0704	0.00400	"	0.100		70.4	40-140				
4,4'-DDT	0.0813	0.00400	"	0.100		81.3	40-140				
Aldrin	0.0507	0.00400	"	0.100		50.7	40-140				
alpha-BHC	0.0580	0.00400	"	0.100		58.0	40-140				
alpha-Chlordane	0.0647	0.00400	"	0.100		64.7	40-140				
beta-BHC	0.0800	0.00400	"	0.100		80.0	40-140				
delta-BHC	0.0785	0.00400	"	0.100		78.5	40-140				
Dieldrin	0.0740	0.00200	"	0.100		74.0	40-140				
Endosulfan I	0.0702	0.00400	"	0.100		70.2	40-140				
Endosulfan II	0.0789	0.00400	"	0.100		78.9	40-140				
Endosulfan sulfate	0.0786	0.00400	"	0.100		78.6	40-140				
Endrin	0.0777	0.00400	"	0.100		77.7	40-140				
Endrin aldehyde	0.0792	0.0100	"	0.100		79.2	40-140				
Endrin ketone	0.0809	0.0100	"	0.100		80.9	40-140				
gamma-BHC (Lindane)	0.0675	0.00400	"	0.100		67.5	40-140				
gamma-Chlordane	0.0654	0.0100	"	0.100		65.4	40-140				
Heptachlor	0.0643	0.00400	"	0.100		64.3	40-140				
Heptachlor epoxide	0.0748	0.00400	"	0.100		74.8	40-140				
Methoxychlor	0.0888	0.00400	"	0.100		88.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0627*		*"*	*0.200*		*31.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.120*		*"*	*0.200*		*60.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41592 - EPA SW846-3510C Low Level											
LCS Dup (BC41592-BSD1)								Prepared & Analyzed: 03/22/2024			
4,4'-DDD	0.0751	0.00400	ug/L	0.100		75.1	40-140		2.42	20	
4,4'-DDE	0.0672	0.00400	"	0.100		67.2	40-140		4.64	20	
4,4'-DDT	0.0818	0.00400	"	0.100		81.8	40-140		0.589	20	
Aldrin	0.0518	0.00400	"	0.100		51.8	40-140		2.12	20	
alpha-BHC	0.0607	0.00400	"	0.100		60.7	40-140		4.49	20	
alpha-Chlordane	0.0618	0.00400	"	0.100		61.8	40-140		4.51	20	
beta-BHC	0.0771	0.00400	"	0.100		77.1	40-140		3.69	20	
delta-BHC	0.0751	0.00400	"	0.100		75.1	40-140		4.40	20	
Dieldrin	0.0708	0.00200	"	0.100		70.8	40-140		4.42	20	
Endosulfan I	0.0721	0.00400	"	0.100		72.1	40-140		2.71	20	
Endosulfan II	0.0789	0.00400	"	0.100		78.9	40-140		0.00127	20	
Endosulfan sulfate	0.0770	0.00400	"	0.100		77.0	40-140		2.08	20	
Endrin	0.0754	0.00400	"	0.100		75.4	40-140		2.97	20	
Endrin aldehyde	0.0851	0.0100	"	0.100		85.1	40-140		7.15	20	
Endrin ketone	0.0814	0.0100	"	0.100		81.4	40-140		0.537	20	
gamma-BHC (Lindane)	0.0668	0.00400	"	0.100		66.8	40-140		0.937	20	
gamma-Chlordane	0.0651	0.0100	"	0.100		65.1	40-140		0.408	20	
Heptachlor	0.0661	0.00400	"	0.100		66.1	40-140		2.74	20	
Heptachlor epoxide	0.0737	0.00400	"	0.100		73.7	40-140		1.45	20	
Methoxychlor	0.0912	0.00400	"	0.100		91.2	40-140		2.63	20	
Surrogate: Decachlorobiphenyl	*0.0608*		*"*	*0.200*		*30.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.128*		*"*	*0.200*		*63.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41358 - EPA 3550C											
Blank (BC41358-BLK2)											Prepared: 03/19/2024 Analyzed: 03/20/2024
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0409*		*"*	*0.0664*		*61.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0336*		*"*	*0.0664*		*50.5*	*30-120*				
LCS (BC41358-BS2)											Prepared: 03/19/2024 Analyzed: 03/20/2024
Aroclor 1016	0.224	0.0166	mg/kg wet	0.332		67.5	40-130				
Aroclor 1260	0.253	0.0166	"	0.332		76.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0369*		*"*	*0.0664*		*55.5*	*30-120*				
Matrix Spike (BC41358-MS2)	*Source sample: 24C1083-01 (Matrix Spike)										Prepared: 03/19/2024 Analyzed: 03/20/2024
Aroclor 1016	0.107	0.0190	mg/kg dry	0.380	ND	28.1	40-140	Low Bias			
Aroclor 1260	0.190	0.0190	"	0.380	ND	50.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0502*		*"*	*0.0761*		*66.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0358*		*"*	*0.0761*		*47.0*	*30-120*				
Matrix Spike Dup (BC41358-MSD2)	*Source sample: 24C1083-01 (Matrix Spike Dup)										Prepared: 03/19/2024 Analyzed: 03/20/2024
Aroclor 1016	0.141	0.0190	mg/kg dry	0.380	ND	37.1	40-140	Low Bias	27.7	50	
Aroclor 1260	0.220	0.0190	"	0.380	ND	58.0	40-140		14.7	50	
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0761*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0384*		*"*	*0.0761*		*50.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41592 - EPA SW846-3510C Low Level											
Blank (BC41592-BLK2)								Prepared & Analyzed: 03/22/2024			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.128*		*"*	*0.200*		*64.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.200*		*58.0*	*30-120*				
LCS (BC41592-BS2)								Prepared & Analyzed: 03/22/2024			
Aroclor 1016	0.657	0.0500	ug/L	1.00		65.7	40-120				
Aroclor 1260	0.778	0.0500	"	1.00		77.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.113*		*"*	*0.200*		*56.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.105*		*"*	*0.200*		*52.5*	*30-120*				
LCS Dup (BC41592-BSD2)								Prepared & Analyzed: 03/22/2024			
Aroclor 1016	0.683	0.0500	ug/L	1.00		68.3	40-120		4.00	30	
Aroclor 1260	0.792	0.0500	"	1.00		79.2	40-120		1.86	30	
Surrogate: Tetrachloro-m-xylene	*0.116*		*"*	*0.200*		*58.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.105*		*"*	*0.200*		*52.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41653 - EPA 3050B											
Blank (BC41653-BLK1)											
Prepared: 03/22/2024 Analyzed: 03/26/2024											
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BC41653-DUP1)	*Source sample: 24C1412-01 (Duplicate)										
Prepared: 03/22/2024 Analyzed: 03/26/2024											
Aluminum	4430	4.65	mg/kg dry		4460				0.868	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	3.12	1.40	"		3.44				9.76	35	
Barium	31.5	2.32	"		34.4				8.96	35	
Beryllium	ND	0.047	"		ND					35	
Cadmium	ND	0.279	"		ND					35	
Calcium	1540	4.65	"		1900				20.8	35	
Chromium	13.1	0.466	"		11.8				10.1	35	
Cobalt	5.05	0.372	"		7.64				40.9	35	Non-dir.
Copper	16.1	1.86	"		41.0				87.1	35	Non-dir.
Iron	9790	23.3	"		13900				34.4	35	
Lead	7.64	0.466	"		9.25				19.0	35	
Magnesium	2690	4.66	"		3390				23.1	35	
Manganese	111	0.466	"		288				88.7	35	Non-dir.
Nickel	19.7	0.927	"		25.4				25.5	35	
Potassium	779	4.66	"		787				1.03	35	
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.469	"		ND					35	
Sodium	243	46.5	"		267				9.30	35	
Thallium	ND	2.33	"		ND					35	
Vanadium	17.8	0.927	"		71.9				120	35	Non-dir.
Zinc	34.9	2.32	"		43.6				22.1	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41653 - EPA 3050B											
Matrix Spike (BC41653-MS1)	*Source sample: 24C1412-01 (Matrix Spike)								Prepared: 03/22/2024 Analyzed: 03/26/2024		
Aluminum	5740	4.65	mg/kg dry	186	4460	687	75-125	High Bias			
Antimony	9.92	2.33	"	23.3	ND	42.7	75-125	Low Bias			
Arsenic	181	1.40	"	186	3.44	95.5	75-125				
Barium	227	2.32	"	186	34.4	104	75-125				
Beryllium	3.91	0.047	"	4.65	ND	84.0	75-125				
Cadmium	4.15	0.279	"	4.65	ND	89.1	75-125				
Calcium	2770	4.65	"	93.1	1900	934	75-125	High Bias			
Chromium	25.7	0.466	"	18.6	11.8	74.4	75-125	Low Bias			
Cobalt	51.2	0.372	"	46.5	7.64	93.6	75-125				
Copper	64.2	1.86	"	23.3	41.0	99.5	75-125				
Iron	13000	23.3	"	93.1	13900	NR	75-125	Low Bias			
Lead	50.0	0.466	"	46.5	9.25	87.6	75-125				
Magnesium	3340	4.66	"	93.1	3390	NR	75-125	Low Bias			
Manganese	191	0.466	"	46.5	288	NR	75-125	Low Bias			
Nickel	65.4	0.927	"	46.5	25.4	86.0	75-125				
Potassium	824	4.66	"	93.1	787	39.9	75-125	Low Bias			
Selenium	180	2.33	"	186	ND	96.7	75-125				
Silver	0.805	0.469	"	4.65	ND	17.3	75-125	Low Bias			
Sodium	553	46.5	"	93.1	267	308	75-125	High Bias			
Thallium	166	2.33	"	186	ND	89.1	75-125				
Vanadium	62.3	0.927	"	46.5	71.9	NR	75-125	Low Bias			
Zinc	75.7	2.32	"	46.5	43.6	69.0	75-125	Low Bias			
Post Spike (BC41653-PS1)	*Source sample: 24C1412-01 (Post Spike)								Prepared: 03/22/2024 Analyzed: 03/26/2024		
Aluminum	50.3		ug/mL	2.00	48.0	117	75-125				
Antimony	0.265		"	0.250	0.010	102	75-125				
Arsenic	2.07		"	2.00	0.037	102	75-125				
Barium	2.45		"	2.00	0.370	104	75-125				
Beryllium	0.045		"	0.0500	-0.007	89.3	75-125				
Cadmium	0.049		"	0.0500	-0.0002	97.5	75-125				
Calcium	21.3		"	1.00	20.4	88.5	75-125				
Chromium	0.326		"	0.200	0.127	99.5	75-125				
Cobalt	0.577		"	0.500	0.082	99.1	75-125				
Copper	0.695		"	0.250	0.441	102	75-125				
Iron	151		"	1.00	149	223	75-125	High Bias			
Lead	0.586		"	0.500	0.099	97.4	75-125				
Magnesium	37.6		"	1.00	36.4	120	75-125				
Manganese	3.57		"	0.500	3.10	94.5	75-125				
Nickel	0.770		"	0.500	0.273	99.3	75-125				
Potassium	9.66		"	1.00	8.45	121	75-125				
Selenium	2.07		"	2.00	0.019	102	75-125				
Silver	-0.022		"	0.0500	-0.055		75-125	Low Bias			
Sodium	3.80		"	1.00	2.87	93.5	75-125				
Thallium	1.90		"	2.00	-0.016	95.1	75-125				
Vanadium	1.27		"	0.500	0.772	100	75-125				
Zinc	0.916		"	0.500	0.469	89.5	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41653 - EPA 3050B											
Reference (BC41653-SRM1)								Prepared: 03/22/2024 Analyzed: 03/26/2024			
Aluminum	9790	4.17	mg/kg wet	10000		97.9	44.8-128				
Antimony	68.4	2.08	"	276		24.8	2.17-110				
Arsenic	180	1.25	"	223		80.9	70.4-102.2				
Barium	391	2.08	"	445		88.0	77.9-110.8				
Beryllium	104	0.042	"	131		79.5	76.3-107.6				
Cadmium	186	0.250	"	226		82.2	88.1-104.9	Low Bias			
Calcium	5470	4.17	"	5860		93.4	78.3-111.9				
Chromium	200	0.417	"	230		87.1	73.5-107				
Cobalt	225	0.333	"	258		87.1	74.8-105.8				
Copper	236	1.67	"	239		98.9	75.3-105.9				
Iron	7880	20.8	"	8860		89.0	52.1-126.4				
Lead	233	0.417	"	275		84.7	74.2-108				
Magnesium	2210	4.17	"	2380		92.8	71.4-114.7				
Manganese	289	0.417	"	314		92.1	80.3-114.6				
Nickel	101	0.830	"	118		85.6	72-104.2				
Potassium	1820	4.17	"	2030		89.8	68.5-118.7				
Selenium	120	2.08	"	137		87.3	70.9-108.8				
Silver	62.2	0.420	"	75.3		82.7	72-110.1				
Sodium	449	41.7	"	453		99.2	70.6-118.1				
Thallium	131	2.08	"	165		79.4	70.9-106.7				
Vanadium	157	0.830	"	183		85.6	67.2-106.6				
Zinc	250	2.08	"	286		87.3	75.9-111.5				
Batch BC41686 - EPA 3050B											
Blank (BC41686-BLK1)								Prepared: 03/23/2024 Analyzed: 03/25/2024			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.996	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.504	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	0.996	"								
Zinc	ND	2.49	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41686 - EPA 3050B											
Duplicate (BC41686-DUP1)	*Source sample: 24C1096-02 (Duplicate)								Prepared: 03/23/2024 Analyzed: 03/25/2024		
Aluminum	27300	5.90	mg/kg dry		22000				21.4	35	
Antimony	ND	2.95	"		ND					35	
Arsenic	7.98	1.77	"		4.96				46.6	35	Non-dir.
Barium	275	2.95	"		223				20.9	35	
Beryllium	ND	0.059	"		ND					35	
Cadmium	2.27	0.354	"		2.59				13.3	35	
Calcium	4130	5.90	"		3630				13.0	35	
Chromium	119	0.590	"		85.3				32.7	35	
Cobalt	18.5	0.471	"		14.4				24.9	35	
Copper	113	2.36	"		87.2				25.9	35	
Iron	35600	29.5	"		27600				25.1	35	
Lead	182	0.590	"		101				57.2	35	Non-dir.
Magnesium	13200	5.90	"		11500				14.2	35	
Manganese	721	0.590	"		610				16.7	35	
Nickel	64.8	1.18	"		46.9				32.1	35	
Potassium	10500	5.90	"		9650				8.66	35	
Selenium	6.00	2.95	"		4.23				34.6	35	
Silver	ND	0.595	"		ND					35	
Sodium	826	59.0	"		687				18.3	35	
Thallium	ND	2.95	"		ND					35	
Vanadium	96.9	1.18	"		79.1				20.2	35	
Zinc	232	2.94	"		148				44.3	35	Non-dir.
Matrix Spike (BC41686-MS1)	*Source sample: 24C1096-02 (Matrix Spike)								Prepared: 03/23/2024 Analyzed: 03/25/2024		
Aluminum	28800	5.90	mg/kg dry	236	22000	NR	75-125	High Bias			
Antimony	7.70	2.95	"	29.5	ND	26.1	75-125	Low Bias			
Arsenic	243	1.77	"	236	4.96	101	75-125				
Barium	536	2.95	"	236	223	132	75-125	High Bias			
Beryllium	0.142	0.059	"	5.90	ND	2.40	75-125	Low Bias			
Cadmium	9.47	0.354	"	5.90	2.59	117	75-125				
Calcium	6700	5.90	"	118	3630	NR	75-125	High Bias			
Chromium	147	0.590	"	23.6	85.3	262	75-125	High Bias			
Cobalt	73.1	0.471	"	59.0	14.4	99.6	75-125				
Copper	181	2.36	"	29.5	87.2	318	75-125	High Bias			
Iron	37700	29.5	"	118	27600	NR	75-125	High Bias			
Lead	271	0.590	"	59.0	101	288	75-125	High Bias			
Magnesium	15100	5.90	"	118	11500	NR	75-125	High Bias			
Manganese	811	0.590	"	59.0	610	341	75-125	High Bias			
Nickel	121	1.18	"	59.0	46.9	126	75-125	High Bias			
Potassium	11000	5.90	"	118	9650	NR	75-125	High Bias			
Selenium	238	2.95	"	236	4.23	98.9	75-125				
Silver	ND	0.595	"	5.90	ND		75-125	Low Bias			
Sodium	960	59.0	"	118	687	232	75-125	High Bias			
Thallium	188	2.95	"	236	ND	79.9	75-125				
Vanadium	161	1.18	"	59.0	79.1	139	75-125	High Bias			
Zinc	331	2.94	"	59.0	148	310	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41686 - EPA 3050B											
Post Spike (BC41686-PS1)	*Source sample: 24C1096-02 (Post Spike)							Prepared: 03/23/2024 Analyzed: 03/25/2024			
Aluminum	201		ug/mL	2.00	224	NR	75-125	Low Bias			
Antimony	0.291		"	0.250	0.015	111	75-125				
Arsenic	2.25		"	2.00	0.050	110	75-125				
Barium	4.17		"	2.00	2.27	94.9	75-125				
Beryllium	0.007		"	0.0500	-0.051	13.9	75-125	Low Bias			
Cadmium	0.076		"	0.0500	0.026	99.9	75-125				
Calcium	34.2		"	1.00	36.9	NR	75-125	Low Bias			
Chromium	0.983		"	0.200	0.867	58.1	75-125	Low Bias			
Cobalt	0.640		"	0.500	0.146	98.7	75-125				
Copper	1.08		"	0.250	0.887	76.8	75-125				
Iron	253		"	1.00	281	NR	75-125	Low Bias			
Lead	1.42		"	0.500	1.03	79.1	75-125				
Magnesium	106		"	1.00	117	NR	75-125	Low Bias			
Manganese	6.10		"	0.500	6.20	NR	75-125	Low Bias			
Nickel	0.936		"	0.500	0.477	91.8	75-125				
Potassium	87.2		"	1.00	98.2	NR	75-125	Low Bias			
Selenium	2.23		"	2.00	0.043	109	75-125				
Silver	-0.132		"	0.0500	-0.185		75-125	Low Bias			
Sodium	7.30		"	1.00	6.99	31.8	75-125	Low Bias			
Thallium	1.82		"	2.00	-0.073	91.0	75-125				
Vanadium	1.24		"	0.500	0.804	86.8	75-125				
Zinc	1.83		"	0.500	1.51	65.3	75-125	Low Bias			
Reference (BC41686-SRM1)								Prepared: 03/23/2024 Analyzed: 03/25/2024			
Aluminum	12000	5.00	mg/kg wet	12000		99.7	44.8-128				
Antimony	94.0	2.50	"	331		28.4	2.17-110				
Arsenic	226	1.50	"	268		84.5	70.4-102.2				
Barium	523	2.50	"	534		97.9	77.9-110.8				
Beryllium	127	0.050	"	157		80.9	76.3-107.6				
Cadmium	229	0.300	"	271		84.4	88.1-104.9	Low Bias			
Calcium	6640	5.00	"	7030		94.4	78.3-111.9				
Chromium	246	0.500	"	276		89.2	73.5-107				
Cobalt	277	0.400	"	310		89.6	74.8-105.8				
Copper	292	2.00	"	287		102	75.3-105.9				
Iron	9710	25.0	"	10600		91.3	52.1-126.4				
Lead	292	0.500	"	330		88.4	74.2-108				
Magnesium	2760	5.00	"	2860		96.5	71.4-114.7				
Manganese	372	0.500	"	377		98.8	80.3-114.6				
Nickel	125	0.996	"	142		88.4	72-104.2				
Potassium	2380	5.00	"	2440		97.5	68.5-118.7				
Selenium	150	2.50	"	164		91.5	70.9-108.8				
Silver	77.8	0.504	"	90.4		86.1	72-110.1				
Sodium	545	50.0	"	544		100	70.6-118.1				
Thallium	161	2.50	"	198		81.1	70.9-106.7				
Vanadium	193	0.996	"	220		88.0	67.2-106.6				
Zinc	303	2.49	"	343		88.4	75.9-111.5				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41749 - EPA 3015A											
Blank (BC41749-BLK1)											Prepared: 03/25/2024 Analyzed: 03/27/2024
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	0.112	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BC41749-BS1)											Prepared: 03/25/2024 Analyzed: 03/27/2024
Aluminum	1.95		ug/mL	2.00		97.3	80-120				
Barium	2.13		"	2.00		107	80-120				
Calcium	1.02		"	1.00		102	80-120				
Chromium	0.206		"	0.200		103	80-120				
Cobalt	0.513		"	0.500		103	80-120				
Copper	0.275		"	0.250		110	80-120				
Iron	1.01		"	1.00		101	80-120				
Lead	0.504		"	0.500		101	80-120				
Magnesium	0.970		"	1.00		97.0	80-120				
Manganese	0.527		"	0.500		105	80-120				
Nickel	0.520		"	0.500		104	80-120				
Potassium	1.03		"	1.00		103	80-120				
Silver	0.0479		"	0.0500		95.7	80-120				
Sodium	0.916		"	1.00		91.6	80-120				
Vanadium	0.502		"	0.500		100	80-120				
Zinc	0.507		"	0.500		101	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41749 - EPA 3015A											
Duplicate (BC41749-DUP1)	*Source sample: 24C1134-07 (SWS-1)								Prepared: 03/25/2024 Analyzed: 03/27/2024		
Aluminum	0.223	0.0556	mg/L		0.0676				107	20	Non-dir.
Barium	0.0366	0.0278	"		0.0346				5.48	20	
Calcium	54.0	0.0556	"		53.7				0.594	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	1.16	0.278	"		1.00				14.4	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	13.1	0.0556	"		13.0				0.340	20	
Manganese	0.171	0.00556	"		0.167				2.35	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	1.61	0.0556	"		1.55				4.05	20	
Silver	ND	0.00556	"		ND					20	
Sodium	61.3	0.556	"		61.0				0.530	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BC41749-MS1)	*Source sample: 24C1134-07 (SWS-1)								Prepared: 03/25/2024 Analyzed: 03/27/2024		
Aluminum	2.32	0.0556	mg/L	2.22	0.0676	101	75-125				
Barium	2.43	0.0278	"	2.22	0.0346	108	75-125				
Calcium	54.8	0.0556	"	1.11	53.7	98.6	75-125				
Chromium	0.232	0.00556	"	0.222	ND	104	75-125				
Cobalt	0.574	0.00444	"	0.556	ND	103	75-125				
Copper	0.314	0.0222	"	0.278	ND	113	75-125				
Iron	2.04	0.278	"	1.11	1.00	93.1	75-125				
Lead	0.563	0.00556	"	0.556	ND	101	75-125				
Magnesium	14.0	0.0556	"	1.11	13.0	82.8	75-125				
Manganese	0.754	0.00556	"	0.556	0.167	106	75-125				
Nickel	0.575	0.0111	"	0.556	ND	104	75-125				
Potassium	2.69	0.0556	"	1.11	1.55	103	75-125				
Silver	0.0558	0.00556	"	0.0556	ND	100	75-125				
Sodium	61.4	0.556	"	1.11	61.0	34.9	75-125	Low Bias			
Vanadium	0.571	0.0111	"	0.556	ND	103	75-125				
Zinc	0.596	0.0278	"	0.556	ND	107	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41749 - EPA 3015A											
Post Spike (BC41749-PS1)	*Source sample: 24C1134-07 (SWS-1)							Prepared: 03/25/2024 Analyzed: 03/27/2024			
Aluminum	1.99		ug/mL	2.00	0.0608	96.6	75-125				
Barium	2.15		"	2.00	0.0312	106	75-125				
Calcium	49.7		"	1.00	48.3	142	75-125	High Bias			
Chromium	0.205		"	0.200	0.00269	101	75-125				
Cobalt	0.507		"	0.500	-0.000106	101	75-125				
Copper	0.276		"	0.250	0.00385	109	75-125				
Iron	1.77		"	1.00	0.904	87.1	75-125				
Lead	0.495		"	0.500	0.000990	98.8	75-125				
Magnesium	12.8		"	1.00	11.7	104	75-125				
Manganese	0.669		"	0.500	0.150	104	75-125				
Nickel	0.509		"	0.500	0.00127	102	75-125				
Potassium	2.38		"	1.00	1.39	98.4	75-125				
Silver	0.0535		"	0.0500	-0.000598	107	75-125				
Sodium	56.1		"	1.00	54.9	121	75-125				
Vanadium	0.506		"	0.500	0.000111	101	75-125				
Zinc	0.522		"	0.500	0.0232	99.9	75-125				
Batch BC41771 - EPA 3050B											
Blank (BC41771-BLK1)								Prepared: 03/25/2024 Analyzed: 03/26/2024			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41771 - EPA 3050B											
Duplicate (BC41771-DUP1)	*Source sample: 24C1317-04 (Duplicate)								Prepared: 03/25/2024 Analyzed: 03/26/2024		
Aluminum	12900	4.90	mg/kg dry		11900				8.11	35	
Antimony	ND	2.45	"		ND					35	
Arsenic	7.68	1.47	"		7.26				5.64	35	
Barium	174	2.45	"		73.8				81.0	35	Non-dir.
Beryllium	ND	0.049	"		ND					35	
Cadmium	ND	0.294	"		ND					35	
Calcium	1770	4.90	"		1210				38.0	35	Non-dir.
Chromium	28.3	0.490	"		29.1				2.57	35	
Cobalt	12.7	0.392	"		8.37				41.1	35	Non-dir.
Copper	39.8	1.96	"		35.7				10.8	35	
Iron	22100	24.5	"		19700				11.4	35	
Lead	72.2	0.490	"		27.2				90.5	35	Non-dir.
Magnesium	2820	4.90	"		2480				12.8	35	
Manganese	978	0.490	"		523				60.6	35	Non-dir.
Nickel	18.3	0.976	"		15.0				19.6	35	
Potassium	912	4.90	"		714				24.3	35	
Selenium	3.96	2.45	"		3.81				3.98	35	
Silver	ND	0.494	"		ND					35	
Sodium	86.6	49.0	"		62.2				32.8	35	
Thallium	ND	2.45	"		ND					35	
Vanadium	29.0	0.976	"		27.2				6.51	35	
Zinc	119	2.44	"		55.8				72.3	35	Non-dir.
Matrix Spike (BC41771-MS1)	*Source sample: 24C1317-04 (Matrix Spike)								Prepared: 03/25/2024 Analyzed: 03/26/2024		
Aluminum	13500	4.90	mg/kg dry	196	11900	863	75-125	High Bias			
Antimony	7.88	2.45	"	24.5	ND	32.2	75-125	Low Bias			
Arsenic	199	1.47	"	196	7.26	98.1	75-125				
Barium	324	2.45	"	196	73.8	128	75-125	High Bias			
Beryllium	4.42	0.049	"	4.90	ND	90.2	75-125				
Cadmium	4.26	0.294	"	4.90	ND	86.9	75-125				
Calcium	2020	4.90	"	98.0	1210	828	75-125	High Bias			
Chromium	44.8	0.490	"	19.6	29.1	80.3	75-125				
Cobalt	54.9	0.392	"	49.0	8.37	94.9	75-125				
Copper	66.5	1.96	"	24.5	35.7	126	75-125	High Bias			
Iron	20100	24.5	"	98.0	19700	426	75-125	High Bias			
Lead	109	0.490	"	49.0	27.2	168	75-125	High Bias			
Magnesium	3050	4.90	"	98.0	2480	576	75-125	High Bias			
Manganese	467	0.490	"	49.0	523	NR	75-125	Low Bias			
Nickel	64.3	0.976	"	49.0	15.0	101	75-125				
Potassium	993	4.90	"	98.0	714	285	75-125	High Bias			
Selenium	193	2.45	"	196	3.81	96.6	75-125				
Silver	ND	0.494	"	4.90	ND		75-125	Low Bias			
Sodium	202	49.0	"	98.0	62.2	143	75-125	High Bias			
Thallium	175	2.45	"	196	ND	89.2	75-125				
Vanadium	76.1	0.976	"	49.0	27.2	99.8	75-125				
Zinc	139	2.44	"	49.0	55.8	169	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41771 - EPA 3050B											
Post Spike (BC41771-PS1)	*Source sample: 24C1317-04 (Post Spike)								Prepared: 03/25/2024 Analyzed: 03/26/2024		
Aluminum	137		ug/mL	2.00	121	797	75-125	High Bias			
Antimony	0.270		"	0.250	0.005	106	75-125				
Arsenic	1.99		"	2.00	0.074	95.9	75-125				
Barium	2.72		"	2.00	0.753	98.3	75-125				
Beryllium	0.043		"	0.0500	-0.005	85.2	75-125				
Cadmium	0.048		"	0.0500	-0.004	95.5	75-125				
Calcium	13.5		"	1.00	12.3	123	75-125				
Chromium	0.493		"	0.200	0.297	98.1	75-125				
Cobalt	0.547		"	0.500	0.085	92.4	75-125				
Copper	0.675		"	0.250	0.364	124	75-125				
Iron	213		"	1.00	201	NR	75-125	High Bias			
Lead	0.739		"	0.500	0.278	92.3	75-125				
Magnesium	27.6		"	1.00	25.3	226	75-125	High Bias			
Manganese	5.98		"	0.500	5.34	128	75-125	High Bias			
Nickel	0.616		"	0.500	0.153	92.6	75-125				
Potassium	10.8		"	1.00	7.29	350	75-125	High Bias			
Selenium	1.92		"	2.00	0.039	94.0	75-125				
Silver	0.004		"	0.0500	-0.043	7.44	75-125	Low Bias			
Sodium	2.06		"	1.00	0.635	143	75-125	High Bias			
Thallium	1.71		"	2.00	-0.009	85.6	75-125				
Vanadium	0.756		"	0.500	0.278	95.7	75-125				
Zinc	1.05		"	0.500	0.570	95.2	75-125				
Reference (BC41771-SRM1)									Prepared: 03/25/2024 Analyzed: 03/26/2024		
Aluminum	8530	4.17	mg/kg wet	10000		85.3	44.8-128				
Antimony	75.0	2.08	"	276		27.2	2.17-110				
Arsenic	156	1.25	"	223		70.0	70.4-102.2	Low Bias			
Barium	351	2.08	"	445		79.0	77.9-110.8				
Beryllium	94.5	0.042	"	131		72.2	76.3-107.6	Low Bias			
Cadmium	165	0.250	"	226		73.1	88.1-104.9	Low Bias			
Calcium	4710	4.17	"	5860		80.3	78.3-111.9				
Chromium	176	0.417	"	230		76.6	73.5-107				
Cobalt	195	0.333	"	258		75.6	74.8-105.8				
Copper	203	1.67	"	239		85.0	75.3-105.9				
Iron	6850	20.8	"	8860		77.3	52.1-126.4				
Lead	201	0.417	"	275		73.0	74.2-108	Low Bias			
Magnesium	1910	4.17	"	2380		80.4	71.4-114.7				
Manganese	254	0.417	"	314		80.7	80.3-114.6				
Nickel	88.2	0.830	"	118		74.7	72-104.2				
Potassium	1580	4.17	"	2030		77.9	68.5-118.7				
Selenium	104	2.08	"	137		75.6	70.9-108.8				
Silver	53.8	0.420	"	75.3		71.4	72-110.1	Low Bias			
Sodium	359	41.7	"	453		79.2	70.6-118.1				
Thallium	119	2.08	"	165		72.3	70.9-106.7				
Vanadium	137	0.830	"	183		74.7	67.2-106.6				
Zinc	211	2.08	"	286		73.8	75.9-111.5	Low Bias			

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41601 - EPA 3015A											
Blank (BC41601-BLK1)										Prepared & Analyzed: 03/22/2024	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BC41601-BS1)										Prepared & Analyzed: 03/22/2024	
Antimony	52.2		ug/L	50.0		104	80-120				
Arsenic	47.4		"	50.0		94.8	80-120				
Beryllium	53.1		"	50.0		106	80-120				
Cadmium	48.7		"	50.0		97.4	80-120				
Selenium	48.2		"	50.0		96.3	80-120				
Thallium	51.5		"	50.0		103	80-120				
Duplicate (BC41601-DUP1)	*Source sample: 24C1134-09 (SWS-3)									Prepared & Analyzed: 03/22/2024	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BC41601-MS1)	*Source sample: 24C1134-09 (SWS-3)									Prepared & Analyzed: 03/22/2024	
Antimony	52.6		ug/L	50.0	0.023	105	75-125				
Arsenic	48.3		"	50.0	0.372	95.8	75-125				
Beryllium	49.7		"	50.0	0.003	99.3	75-125				
Cadmium	48.4		"	50.0	0.002	96.7	75-125				
Selenium	47.1		"	50.0	0.287	93.7	75-125				
Thallium	50.0		"	50.0	-0.023	100	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41732 - EPA SW846-7470A											
Blank (BC41732-BLK1)								Prepared & Analyzed: 03/25/2024			
Mercury	ND	0.0002	mg/L								
Blank (BC41732-BLK2)								Prepared & Analyzed: 03/25/2024			
Mercury	ND	0.0002	mg/L								
LCS (BC41732-BS1)								Prepared & Analyzed: 03/25/2024			
Mercury	0.0020274	0.0002	mg/L	0.00200		101	80-120				
LCS (BC41732-BS2)								Prepared & Analyzed: 03/25/2024			
Mercury	0.0021671	0.0002	mg/L	0.00200		108	80-120				
Batch BC41839 - EPA 7473 soil											
Blank (BC41839-BLK1)								Prepared: 03/26/2024 Analyzed: 03/27/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC41839-DUP1)	*Source sample: 24C1124-01 (Duplicate)							Prepared: 03/26/2024 Analyzed: 03/27/2024			
Mercury	0.241	0.0361	mg/kg dry		0.305				23.6	35	
Matrix Spike (BC41839-MS1)	*Source sample: 24C1124-01 (Matrix Spike)							Prepared: 03/26/2024 Analyzed: 03/27/2024			
Mercury	1.28		mg/kg	0.500	0.253	206	75-125	High Bias			
Reference (BC41839-SRM1)								Prepared: 03/26/2024 Analyzed: 03/27/2024			
Mercury	19.703		mg/kg	18.2		108	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41462 - Analysis Preparation											
Blank (BC41462-BLK1)								Prepared & Analyzed: 03/20/2024			
Cyanide, total	ND	0.0100	mg/L								
LCS (BC41462-BS1)								Prepared & Analyzed: 03/20/2024			
Cyanide, total	0.109	0.0100	mg/L	0.100		109	80-120				
Duplicate (BC41462-DUP1)	*Source sample: 24C1107-04 (Duplicate)							Prepared & Analyzed: 03/20/2024			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BC41462-MS1)	*Source sample: 24C1107-04 (Matrix Spike)							Prepared & Analyzed: 03/20/2024			
Cyanide, total	0.101	0.0100	mg/L	0.100	ND	101	79-105				
Matrix Spike Dup (BC41462-MSD1)	*Source sample: 24C1107-04 (Matrix Spike Dup)							Prepared & Analyzed: 03/20/2024			
Cyanide, total	0.102	0.0100	mg/L	0.100	ND	102	79-105		0.985	200	
Batch BC41463 - Analysis Preparation Soil											
Blank (BC41463-BLK1)								Prepared & Analyzed: 03/20/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC41463-DUP1)	*Source sample: 24C1134-01 (Sed-1)							Prepared & Analyzed: 03/20/2024			
Cyanide, total	ND	0.863	mg/kg dry		ND					15	
Matrix Spike (BC41463-MS1)	*Source sample: 24C1134-01 (Sed-1)							Prepared & Analyzed: 03/20/2024			
Cyanide, total	8.20	0.863	mg/kg dry	8.63	ND	95.0	79.6-107				
Matrix Spike Dup (BC41463-MSD1)	*Source sample: 24C1134-01 (Sed-1)							Prepared & Analyzed: 03/20/2024			
Cyanide, total	8.29	0.863	mg/kg dry	8.63	ND	96.0	79.6-107		1.05	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41463 - Analysis Preparation Soil											
Reference (BC41463-SRM1)											Prepared & Analyzed: 03/20/2024
Cyanide, total	54.8		ug/mL	59.7		91.8	38.5-161.4				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41556 - % Solids Prep											
Duplicate (BC41556-DUP1)	*Source sample: 24C1135-06 (Duplicate)							Prepared & Analyzed: 03/21/2024			
% Solids	87.2	0.100	%		87.7				0.639	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24C1134-01	Sed-1	40mL Vial with Stir Bar-Cool 4° C
24C1134-02	Sed-2	40mL Vial with Stir Bar-Cool 4° C
24C1134-03	Sed-3	40mL Vial with Stir Bar-Cool 4° C
24C1134-04	Sed-4	40mL Vial with Stir Bar-Cool 4° C
24C1134-05	Sed-5	40mL Vial with Stir Bar-Cool 4° C
24C1134-06	Sed-6	40mL Vial with Stir Bar-Cool 4° C
24C1134-07	SWS-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1134-08	SWS-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1134-09	SWS-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24C1134-11	Soil Boring 12B	40mL Vial with Stir Bar-Cool 4° C
24C1134-12	Soil Boring 13A	40mL Vial with Stir Bar-Cool 4° C
24C1134-13	Soil Boring 13B	40mL Vial with Stir Bar-Cool 4° C
24C1134-14	Soil Boring 14	40mL Vial with Stir Bar-Cool 4° C
24C1134-15	Soil Boring 14 Dup	40mL Vial with Stir Bar-Cool 4° C
24C1134-16	Soil Boring 15	40mL Vial with Stir Bar-Cool 4° C
24C1134-17	Rinseate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-H	The CCV recovery for this PFAS compound was above control limits.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
S-08	The recovery of this surrogate was outside of QC limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PF-LCS-H	The LCS recovery for this PFAS compound was above control limits.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported

RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1134

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

Page 1 of 2

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day)
				PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson
Samples Collected by: (print AND sign your name)

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

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Sed-1	S	3/18/24 350	VOCs, SVOCs, TAL Metals,	40ml	4
2		315	pesticides, PCBs, PFAS	4oz	1
3		300	cyanide & 1,4dioxane	8oz	1
4		400		250ml	1
5		335			
6		305			
SWS-1	GW	100		40ml	3
-2		1100		1L	4
-3		1030		500ml/250ml	3/2
Field Blank			PFAS	500ml	2

Comments: BCP Site No. C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	3/19/24	Chris Cattani	3-19-24 11:10	Chris Cattani	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by: R	Date/Time: 3/19/24 14:30 Temperature: 4.4 °C Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1134

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: Willow Brook Rentals, LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) ✓
				PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Soil Boring 12B	S	3/18/24 1045	VOCs, SVOCs	40ml	4
13A		936		8oz	1
13B		947			
14		400	VOCs, SVOCs, TAL Metals,	40ml	4
14 Dup		400	Pesticides, PCB's, PFAs, cyanide, 1-4	8oz/250ml	1/1
15		425	dioxane	4oz	1
Rinseate	WW	430	VOCs	40ml	3

Comments: BCP Site No. C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	3/19/24	Chris Catton	3-19-24 11:10	Chris Catton	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/19/24 14:30 4.4° Degrees C

APPENDIX C
GROUNDWATER LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 01/16/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 23A0356

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

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

Report Date: 01/16/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 23A0356

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 06, 2023 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23A0356-01	MW-1	Water	01/05/2023	01/06/2023
23A0356-02	MW-2	Water	01/05/2023	01/06/2023
23A0356-03	MW-3	Water	01/05/2023	01/06/2023
23A0356-04	MW-4	Water	01/05/2023	01/06/2023
23A0356-05	MW-5	Water	01/05/2023	01/06/2023
23A0356-06	MW-6	Water	01/05/2023	01/06/2023
23A0356-07	MW-7	Water	01/05/2023	01/06/2023
23A0356-08	MW-1 Dup	Water	01/05/2023	01/06/2023
23A0356-10	Field Blank	Water	01/05/2023	01/06/2023

General Notes for York Project (SDG) No.: 23A0356

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

Approved By: **Date:** 01/16/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	**1,4-Dichlorobenzene**	**0.360**		ug/L	0.311	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 20:01	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 20:01	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
67-64-1	**Acetone**	**16.5**		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 20:01	JTG
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
71-43-2	**Benzene**	**0.530**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 20:01	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 20:01	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 20:01	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
108-90-7	**Chlorobenzene**	**2.56**		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 20:01	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 20:01	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:01	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.6 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14	01/10/2023 11:42	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 11:42	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.7 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.8 %*	*10.1-41.7*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23A0356-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.9 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.6 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.5 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.0 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.133**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
120-12-7	**Anthracene**	**0.0513**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.44**	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
86-73-7	**Fluorene**	**0.113**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.174**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:07	KH
85-01-8	**Phenanthrene**	**0.133**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:07	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	01/11/2023 08:45	01/12/2023 13:16	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*73.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**6.29**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**9.10**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**3.40**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**2.13**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**7.27**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**14.2**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23A0356-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**8.54**		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	* ADONA	ND		ng/L	7.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.46	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	22.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	22.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	17.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	17.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.178	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:06	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*57.8 %*	*25-150*
Surrogate: M5PFHxA	*50.3 %*	*25-150*
Surrogate: M4PFHpA	*42.8 %*	*25-150*
Surrogate: M3PFHxS	*71.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*47.5 %*	*25-150*
Surrogate: M6PFDA	*58.8 %*	*25-150*
Surrogate: M7PFUdA	*54.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*47.5 %*	*25-150*
Surrogate: M2PFTeDA	*41.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*43.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*23.9 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*62.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*65.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*52.6 %*	*25-200*
Surrogate: M2-8:2 FTS	*50.6 %*	*25-200*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M9PFNA	*58.7 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*52.3 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*33.5 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*69.4 %*		*25-150*						
	Surrogate: M3HFPO-DA	*38.2 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*43.9 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*36.2 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:01	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.250	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 05:01	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:44	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:44	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:44	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:44	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:44	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:44	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:44	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 02:44	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23A0356-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.170**		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**106**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**6.46**		mg/L	0.278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**23.9**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**3.22**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1.99**	B	mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**42.5**		mg/L	0.556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.56**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:19	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.46**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:19	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:19	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:19	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**4.68**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:19	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A0356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 9:20 am	01/06/2023

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:19	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2023 09:58	01/13/2023 09:58	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/09/2023 09:11	01/09/2023 16:58	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A0356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 10:45 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A0356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 10:45 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	**1,2-Dichlorobenzene**	**0.660**		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	**1,3-Dichlorobenzene**	**0.290**		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	**1,4-Dichlorobenzene**	**1.40**		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**3.86**		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A0356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 10:45 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**39.8**		ug/L	1.34	2.00	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**7.13**		ug/L	0.279	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	**Chlorobenzene**	**83.9**		ug/L	0.284	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 20:55	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A0356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 10:45 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.60**		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	**Naphthalene**	**0.680**		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A0356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 10:45 am	01/06/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	*** Tetrahydrofuran**	**2.35**		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 20:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*	*79-122*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**1.83**		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	**1,2-Dichlorobenzene**	**1.67**		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	**1,3-Dichlorobenzene**	**0.440**		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	**1,4-Dichlorobenzene**	**7.31**		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
67-64-1	**Acetone**	**2.26**		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 21:50	JTG
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
71-43-2	**Benzene**	**0.820**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 21:50	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
108-90-7	**Chlorobenzene**	**92.6**		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 21:50	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 21:50	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG
98-82-8	**Isopropylbenzene**	**0.980**		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 21:50	JTG
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 21:50	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.69**		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 21:50	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
95-47-6	**o-Xylene**	**0.310**		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/11/2023 21:50	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/11/2023 21:50	JTG
105-05-5	*** p-Diethylbenzene**	**0.360**		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
109-99-9	* **Tetrahydrofuran**	**1.36**		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 21:50	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
75-69-4	**Trichlorofluoromethane**	**0.480**		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 21:50	JTG
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 21:50	JTG
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 21:50	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 21:50	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.1 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14	01/10/2023 12:15	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:15	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*13.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.8 %*	*50.2-113*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.8 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.8 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.0 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.03**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
120-12-7	**Anthracene**	**0.185**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
56-55-3	**Benzo(a)anthracene**	**0.0615**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.66**	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
206-44-0	**Fluoranthene**	**0.0821**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.256**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 11:39	KH
85-01-8	**Phenanthrene**	**1.36**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 11:39	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**1.02**		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	01/11/2023 08:45	01/12/2023 13:33	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.8 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**5.72**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**12.3**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**9.44**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**17.6**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**42.5**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**160**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
2355-31-9	*** N-MeFOSAA**	**3.12**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
2991-50-6	*** N-EtFOSAA**	**19.4**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**8.01**		ng/L	3.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**6.05**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**11.6**		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
2706-91-4	*** Perfluoro-1-pentanesulfonate (PFPeS)**	**3.36**		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	* ADONA	ND		ng/L	7.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.77	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	23.9	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	23.9	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	19.1	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.91	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	19.1	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ
4151-50-2	*** N-EtFOSA**	**0.626**	B	ng/L	0.191	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:22	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*67.6 %*	*25-150*
Surrogate: M5PFHxA	*74.0 %*	*25-150*
Surrogate: M4PFHpA	*65.4 %*	*25-150*
Surrogate: M3PFHxS	*82.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*75.4 %*	*25-150*
Surrogate: M6PFDA	*72.3 %*	*25-150*
Surrogate: M7PFUdA	*58.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*48.5 %*	*25-150*
Surrogate: M2PFTeDA	*29.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*63.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*89.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.8 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*60.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*57.9 %*	*25-150*
Surrogate: M2-6:2 FTS	*128 %*	*25-200*
Surrogate: M2-8:2 FTS	*65.0 %*	*25-200*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M9PFNA	*83.8 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*147 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*35.3 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*62.0 %*			*25-150*					
	Surrogate: M3HFPO-DA	*62.3 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*32.4 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*30.6 %*			*25-150*					

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:19	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 05:19	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:57	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:57	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:57	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:57	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:57	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:57	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 02:57	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 02:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **23A0356-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

7429-90-5	**Aluminum**	**0.172**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.488**		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**97.2**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**39.2**		mg/L	0.278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00880**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**45.3**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.448**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**8.52**	B	mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**119**		mg/L	0.556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0314**		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 14:14	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**5.78**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A0356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 11:32 am	01/06/2023

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2023 09:58	01/13/2023 09:58	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/09/2023 09:11	01/09/2023 16:58	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**1.66**		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	**1,2-Dichlorobenzene**	**0.400**		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	**1,4-Dichlorobenzene**	**2.51**		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**2.33**		ug/L	1.34	2.00	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	**Chlorobenzene**	**35.9**		ug/L	0.284	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 22:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 22:45	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 22:45	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.300**		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/11/2023 22:45	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/11/2023 22:45	JTG
179601-23-1	**p- & m- Xylenes**	**0.580**		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/11/2023 22:45	JTG
105-05-5	*** p-Diethylbenzene**	**0.350**		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
109-99-9	*** Tetrahydrofuran**	**0.850**		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 22:45	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 22:45	JTG
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 22:45	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 22:45	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.0 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH
2312-35-8	* Propargite	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14	01/10/2023 12:47	KH
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:47	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.1 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **23A0356-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.200**		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.711**	B	ug/L	0.556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.200**		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.189**		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 12:12	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.448**		ug/L	0.300	1	EPA 8270D SIM	01/11/2023 08:45	01/12/2023 13:50	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.9 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**2.81**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**8.00**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**3.91**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**6.78**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**16.1**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**75.5**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
2991-50-6	*** N-EtFOSAA**	**19.2**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**8.99**		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**2.05**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**8.09**		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
919005-14-4	* ADONA	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	22.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	22.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	17.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	17.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:38	ESJ

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **23A0356-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	1.98	B	ng/L	0.178	1	EPA 1633 Draft 2	01/10/2023 15:06	01/13/2023 19:38	ESJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*80.6 %*	*25-150*
Surrogate: M5PFHxA	*85.7 %*	*25-150*
Surrogate: M4PFHpA	*67.7 %*	*25-150*
Surrogate: M3PFHxS	*93.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.8 %*	*25-150*
Surrogate: M6PFDA	*73.7 %*	*25-150*
Surrogate: M7PFUdA	*57.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*39.8 %*	*25-150*
Surrogate: M2PFTeDA	*32.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*85.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*93.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*85.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*79.5 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*57.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*53.2 %*	*25-150*
Surrogate: M2-6:2 FTS	*116 %*	*25-200*
Surrogate: M2-8:2 FTS	*62.1 %*	*25-200*
Surrogate: M9PFNA	*91.1 %*	*25-150*
Surrogate: M2-4:2 FTS	*136 %*	*25-150*
Surrogate: d-N-MeFOSA	*40.6 %*	*25-150*
Surrogate: d-N-EtFOSA	*69.8 %*	*25-150*
Surrogate: M3HFPO-DA	*72.1 %*	*25-150*
Surrogate: d9-N-EtFOSE	*31.0 %*	*25-150*
Surrogate: d7-N-MeFOSE	*37.1 %*	*25-150*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

PEST, 8081 MASTER **Log-in Notes:** **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:37	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 05:37	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.8 %*	*30-150*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.4 %*		*30-150*						

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 03:11	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 03:11	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 03:11	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 03:11	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 03:11	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 03:11	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 03:11	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 03:11	BJ

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12.2**		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:05	CW
7440-39-3	**Barium**	**0.385**		mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:05	CW
7440-70-2	**Calcium**	**93.5**		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:05	CW
7440-47-3	**Chromium**	**0.0158**		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:05	CW
7440-48-4	**Cobalt**	**0.0135**		mg/L	0.00444	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:05	CW
7440-50-8	**Copper**	**0.0311**		mg/L	0.0222	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:05	CW

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**51.7**		mg/L	0.278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0428**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**27.3**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.79**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0251**		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**6.17**	B	mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**167**		mg/L	0.556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.0150**		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.114**		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.50**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.466**		ug/L	0.333	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**7.49**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

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

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A0356-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 12:15 pm	01/06/2023

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2023 09:58	01/13/2023 09:58	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/09/2023 09:11	01/09/2023 16:58	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	01/11/2023 06:19	01/11/2023 23:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 23:40	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 06:19	01/11/2023 23:40	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 06:19	01/11/2023 23:40	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 06:19	01/11/2023 23:40	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 06:19	01/11/2023 23:40	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 06:19	01/11/2023 23:40	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 23:40	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 23:40	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 23:40	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/11/2023 23:40	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/11/2023 23:40	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 23:40	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 23:40	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/11/2023 23:40	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/11/2023 23:40	JTG
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/11/2023 23:40	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/11/2023 23:40	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14	01/10/2023 13:19	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:19	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:45	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:45	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 12:45	KH

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **23A0356-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.708**	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
86-73-7	**Fluorene**	**0.226**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 12:45	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 12:45	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **23A0356-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	01/11/2023 08:45	01/12/2023 14:07	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.5 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**2.63**		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**3.60**		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**2.16**		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**4.58**		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**7.63**		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**4.25**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
919005-14-4	* ADONA	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.65	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	23.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	23.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.6	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.6	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ
4151-50-2	* **N-EtFOSA**	**14.0**	B	ng/L	0.186	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 19:54	ESJ

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	*82.5 %*			*25-150*					
	Surrogate: M5PFHxA	*79.5 %*			*25-150*					
	Surrogate: M4PFHpA	*74.0 %*			*25-150*					
	Surrogate: M3PFHxS	*90.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*73.6 %*			*25-150*					
	Surrogate: M6PFDA	*83.0 %*			*25-150*					
	Surrogate: M7PFUdA	*62.7 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*52.7 %*			*25-150*					
	Surrogate: M2PFTeDA	*54.4 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*79.6 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*92.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*82.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*11.4 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*68.6 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*61.7 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*70.4 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*61.9 %*			*25-200*					
	Surrogate: M9PFNA	*84.9 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*89.7 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*19.7 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*48.9 %*			*25-150*					
	Surrogate: M3HFPO-DA	*70.6 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*27.3 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*19.3 %*			*25-150*					

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **23A0356-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

PEST, 8081 MASTER **Log-in Notes:** **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 05:55	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 05:55	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.4 %*	*30-150*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.2 %*			*30-150*					

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	01/09/2023 08:11	01/11/2023 03:25	BJ
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0627**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.300**		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**136**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**10.7**		mg/L	0.278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**29.4**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2.17**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.08**	B	mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**418**		mg/L	0.556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:36	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.11**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:36	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:36	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:36	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**4.36**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:36	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:36	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2023 09:58	01/13/2023 09:58	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A0356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 1:30 pm	01/06/2023

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/09/2023 09:11	01/09/2023 16:58	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 00:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	**Bromodichloromethane**	**0.630**		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**4.14**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 00:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 00:36	JTG
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 00:36	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2023 00:36	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH
2312-35-8	* Propargite	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14	01/10/2023 13:52	KH
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:52	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*20.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*102 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.7 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:30	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:30	KH
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:30	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 13:30	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:30	KH

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **23A0356-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**3.91**	B	ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 13:30	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 13:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 13:30	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 13:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
91-20-3	**Naphthalene**	**0.0556**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 13:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 13:30	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 13:30	KH
85-01-8	**Phenanthrene**	**0.0889**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 13:30	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	01/11/2023 08:45	01/12/2023 14:24	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.2 %*	*36.6-118*

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **23A0356-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**2.64**		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.62	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.62	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **23A0356-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.62	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.62	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.62	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
919005-14-4	* ADONA	ND		ng/L	7.23	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.52	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	22.6	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	22.6	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.1	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.81	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.1	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.181	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:10	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*75.5 %*	*25-150*
Surrogate: M5PFHxA	*79.2 %*	*25-150*
Surrogate: M4PFHpA	*64.9 %*	*25-150*
Surrogate: M3PFHxS	*81.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*72.0 %*	*25-150*
Surrogate: M6PFDA	*69.7 %*	*25-150*
Surrogate: M7PFUdA	*66.1 %*	*25-150*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*55.5 %*		*25-150*						
	Surrogate: M2PFTeDA	*43.7 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*77.5 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*97.0 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.6 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*20.5 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*73.9 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*80.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*60.4 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*68.6 %*		*25-200*						
	Surrogate: M9PFNA	*76.4 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*58.0 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*41.5 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*67.4 %*		*25-150*						
	Surrogate: M3HFPO-DA	*66.2 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*41.0 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*40.1 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 06:13	BJ

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 06:13	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:06 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:06 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:06 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:06 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:06	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:06	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:06	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:06	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-39-3	**Barium**	**0.110**		mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-70-2	**Calcium**	**62.3**		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7439-95-4	**Magnesium**	**13.6**		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7439-96-5	**Manganese**	**1.85**		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-09-7	**Potassium**	**1.81**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-23-5	**Sodium**	**143**		mg/L	0.556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A0356-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 2:10 pm	01/06/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:10	CW

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:40	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:40	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:40	AJL
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:40	AJL
7782-49-2	**Selenium**	**4.79**		ug/L	1.11	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:40	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:40	AJL

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications:	01/13/2023 09:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 09:58	AD

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201 Certifications:	01/09/2023 09:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/09/2023 16:58	JAMT

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
108-90-7	**Chlorobenzene**	**0.420**		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/12/2023 01:31	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2023 01:31	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2023 01:31	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.12**		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/12/2023 01:31	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 01:31	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2023 01:31	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2023 01:31	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 01:31	JTG

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 01:31	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14	01/10/2023 14:26	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/09/2023 08:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 14:26	KH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.8 %*			*19.7-63.1*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.8 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.3 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.8 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.5 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.2 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.421**		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**7.98**	B	ug/L	1.05	2	EPA 8270D SIM	01/09/2023 08:14	01/11/2023 13:42	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0737**		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0737**		ug/L	0.0526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM	01/09/2023 08:14	01/10/2023 14:02	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 14:02	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 14:02	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 14:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 14:02	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 08:14	01/10/2023 14:02	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 14:02	KH
129-00-0	**Pyrene**	**0.0526**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:14	01/10/2023 14:02	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	01/11/2023 08:45	01/12/2023 14:41	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**2.77**		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**4.86**		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**6.61**		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
2991-50-6	* **N-EtFOSAA**	**3.19**		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **23A0356-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	* ADONA	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.54	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	22.7	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	22.7	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.2	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.2	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ
4151-50-2	*** N-EtFOSA**	**0.683**	B	ng/L	0.182	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:42	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.2 %*	*25-150*
Surrogate: M5PFHxA	*111 %*	*25-150*
Surrogate: M4PFHpA	*94.8 %*	*25-150*
Surrogate: M3PFHxS	*111 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*105 %*	*25-150*
Surrogate: M6PFDA	*107 %*	*25-150*
Surrogate: M7PFUdA	*99.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*78.4 %*	*25-150*
Surrogate: M2PFTeDA	*60.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*120 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*113 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*40.1 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*88.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*87.1 %*	*25-150*
Surrogate: M2-6:2 FTS	*84.3 %*	*25-200*
Surrogate: M2-8:2 FTS	*85.1 %*	*25-200*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M9PFNA	*120 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*106 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*43.6 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*77.3 %*		*25-150*						
	Surrogate: M3HFPO-DA	*99.2 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*49.7 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*49.4 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:07	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 07:07	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:19	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:19	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:19	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:19	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:19	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:19	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:19	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:19	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0890**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.283**		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**161**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13.8**		mg/L	0.278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**40.6**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**3.34**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1.94**	B	mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**123**		mg/L	0.556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0332**		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.16**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**4.47**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A0356-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 3:00 pm	01/06/2023

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2023 09:58	01/13/2023 09:58	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/09/2023 09:11	01/09/2023 16:58	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1 Dup **York Sample ID:** 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	**1,4-Dichlorobenzene**	**0.720**		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**19.1**		ug/L	1.34	2.00	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**0.620**		ug/L	0.279	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	**Chlorobenzene**	**4.96**		ug/L	0.284	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	01/11/2023 06:19	01/12/2023 02:26	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19	01/12/2023 02:26	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 02:26	JTG
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 02:26	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/11/2023 06:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2023 02:26	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.3 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35	01/12/2023 16:52	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	01/11/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:52	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-1 Dup** **York Sample ID:** **23A0356-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.164**		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**0.0513**		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
56-55-3	**Benzo(a)anthracene**	**0.0513**		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.626**	B	ug/L	0.513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.133**		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.164**		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.164**		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	01/11/2023 13:35	01/12/2023 15:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	01/11/2023 08:45	01/12/2023 14:59	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.8 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**6.57**		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**8.16**		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**2.60**		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**8.33**		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**15.4**		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**7.74**		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ

Sample Information

Client Sample ID: **MW-1 Dup** **York Sample ID:** **23A0356-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
919005-14-4	* ADONA	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.61	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	23.1	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	23.1	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.5	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.85	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.5	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 20:58	ESJ

Sample Information

Client Sample ID: **MW-1 Dup** **York Sample ID:** **23A0356-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	1.67	B	ng/L	0.185	1	EPA 1633 Draft 2	01/10/2023 15:06	01/13/2023 20:58	ESJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*93.1 %*	*25-150*
Surrogate: M5PFHxA	*101 %*	*25-150*
Surrogate: M4PFHpA	*86.7 %*	*25-150*
Surrogate: M3PFHxS	*103 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*92.0 %*	*25-150*
Surrogate: M6PFDA	*118 %*	*25-150*
Surrogate: M7PFUdA	*93.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*81.6 %*	*25-150*
Surrogate: M2PFTeDA	*56.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*117 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*101 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*94.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*92.5 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*94.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*84.5 %*	*25-200*
Surrogate: M2-8:2 FTS	*74.6 %*	*25-200*
Surrogate: M9PFNA	*108 %*	*25-150*
Surrogate: M2-4:2 FTS	*105 %*	*25-150*
Surrogate: d-N-MeFOSA	*62.9 %*	*25-150*
Surrogate: d-N-EtFOSA	*84.3 %*	*25-150*
Surrogate: M3HFPO-DA	*89.5 %*	*25-150*
Surrogate: d9-N-EtFOSE	*56.8 %*	*25-150*
Surrogate: d7-N-MeFOSE	*61.7 %*	*25-150*

Sample Information

Client Sample ID: **MW-1 Dup** **York Sample ID:** **23A0356-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:25	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 07:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.4 %*	*30-150*

Sample Information

Client Sample ID: MW-1 Dup

York Sample ID: 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.4 %*		*30-150*						

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:33	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:33	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:33	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:33	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:33	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:33	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:33	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:33	BJ

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:22	CW
7440-39-3	**Barium**	**0.193**		mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:22	CW
7440-70-2	**Calcium**	**110**		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:22	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:22	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:22	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:22	CW

Sample Information

Client Sample ID: **MW-1 Dup** **York Sample ID:** **23A0356-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**8.25**		mg/L	0.278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**24.9**		mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**3.15**		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.26**	B	mg/L	0.0556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**50.5**		mg/L	0.556	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/10/2023 08:28	01/11/2023 15:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.44**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.50**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.28**		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/09/2023 09:49	01/11/2023 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2023 09:58	01/13/2023 09:58	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1 Dup **York Sample ID:** 23A0356-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:15 pm	01/06/2023

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/09/2023 09:11	01/09/2023 16:58	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 23A0356-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:30 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0356-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:30 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.56	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
919005-14-4	* ADONA	ND		ng/L	7.12	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	22.2	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	22.2	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0356-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0356	C314132 Willow Brook Rentals LLC	Water	January 5, 2023 4:30 pm	01/06/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
24448-09-7	* N-MeFOSE	ND		ng/L	17.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
31506-32-8	*** N-MeFOSA**	**2.08**		ng/L	1.78	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	17.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ
4151-50-2	*** N-EtFOSA**	**5.65**	B	ng/L	0.178	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:15	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*97.2 %*	*25-150*
Surrogate: M5PFHxA	*105 %*	*25-150*
Surrogate: M4PFHpA	*103 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*94.8 %*	*25-150*
Surrogate: M6PFDA	*100 %*	*25-150*
Surrogate: M7PFUdA	*88.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.8 %*	*25-150*
Surrogate: M2PFTeDA	*68.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.00 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*111 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*53.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*39.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*89.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*98.1 %*	*25-150*
Surrogate: M2-6:2 FTS	*88.1 %*	*25-200*
Surrogate: M2-8:2 FTS	*87.3 %*	*25-200*
Surrogate: M9PFNA	*113 %*	*25-150*
Surrogate: M2-4:2 FTS	*79.6 %*	*25-150*
Surrogate: d-N-MeFOSA	*13.4 %*	*25-150*
Surrogate: d-N-EtFOSA	*54.5 %*	*25-150*
Surrogate: M3HFPO-DA	*92.2 %*	*25-150*
Surrogate: d9-N-EtFOSE	*20.0 %*	*25-150*
Surrogate: d7-N-MeFOSE	*25.3 %*	*25-150*

Analytical Batch Summary

Batch ID: BA30305 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/09/23
23A0356-01	MW-1	01/09/23
23A0356-03	MW-3	01/09/23
23A0356-03	MW-3	01/09/23
23A0356-04	MW-4	01/09/23
23A0356-04	MW-4	01/09/23
23A0356-05	MW-5	01/09/23
23A0356-05	MW-5	01/09/23
23A0356-06	MW-6	01/09/23
23A0356-06	MW-6	01/09/23
23A0356-07	MW-7	01/09/23
23A0356-07	MW-7	01/09/23
23A0356-08	MW-1 Dup	01/09/23
23A0356-08	MW-1 Dup	01/09/23
BA30305-BLK1	Blank	01/09/23
BA30305-BLK2	Blank	01/09/23
BA30305-BS1	LCS	01/09/23
BA30305-BS2	LCS	01/09/23
BA30305-BSD1	LCS Dup	01/09/23
BA30305-BSD2	LCS Dup	01/09/23

Batch ID: BA30307 **Preparation Method:** EPA 3510C **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/09/23
23A0356-03	MW-3	01/09/23
23A0356-04	MW-4	01/09/23
23A0356-05	MW-5	01/09/23
23A0356-06	MW-6	01/09/23
23A0356-07	MW-7	01/09/23
23A0356-07RE1	MW-7	01/09/23
BA30307-BLK1	Blank	01/09/23
BA30307-BLK2	Blank	01/09/23
BA30307-BS1	LCS	01/09/23
BA30307-BS2	LCS	01/09/23
BA30307-BSD1	LCS Dup	01/09/23

Batch ID: BA30315 **Preparation Method:** Analysis Preparation **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/09/23
23A0356-03	MW-3	01/09/23
23A0356-04	MW-4	01/09/23
23A0356-05	MW-5	01/09/23
23A0356-06	MW-6	01/09/23

23A0356-07	MW-7	01/09/23
23A0356-08	MW-1 Dup	01/09/23
BA30315-BLK1	Blank	01/09/23
BA30315-DUP1	Duplicate	01/09/23
BA30315-MS1	Matrix Spike	01/09/23
BA30315-SRM1	Reference	01/09/23

Batch ID: BA30323 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/09/23
23A0356-03	MW-3	01/09/23
23A0356-04	MW-4	01/09/23
23A0356-05	MW-5	01/09/23
23A0356-06	MW-6	01/09/23
23A0356-07	MW-7	01/09/23
23A0356-08	MW-1 Dup	01/09/23
BA30323-BLK1	Blank	01/09/23
BA30323-BS1	LCS	01/09/23
BA30323-DUP1	Duplicate	01/09/23
BA30323-MS1	Matrix Spike	01/09/23

Batch ID: BA30383 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/10/23
23A0356-03	MW-3	01/10/23
23A0356-04	MW-4	01/10/23
23A0356-05	MW-5	01/10/23
23A0356-06	MW-6	01/10/23
23A0356-07	MW-7	01/10/23
23A0356-08	MW-1 Dup	01/10/23
BA30383-BLK1	Blank	01/10/23
BA30383-BS1	LCS	01/10/23
BA30383-DUP1	Duplicate	01/10/23
BA30383-MS1	Matrix Spike	01/10/23
BA30383-PS1	Post Spike	01/10/23

Batch ID: BA30396 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/10/23
23A0356-03	MW-3	01/10/23
23A0356-04	MW-4	01/10/23
23A0356-05	MW-5	01/10/23
23A0356-06	MW-6	01/10/23
23A0356-07	MW-7	01/10/23
23A0356-08	MW-1 Dup	01/10/23
23A0356-10	Field Blank	01/10/23
BA30396-BLK1	Blank	01/10/23

BA30396-BS1	LCS	01/10/23
BA30396-BS2	LCS	01/10/23

Batch ID: BA30456 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-08	MW-1 Dup	01/11/23
BA30456-BLK1	Blank	01/11/23
BA30456-BLK2	Blank	01/11/23
BA30456-BS1	LCS	01/11/23
BA30456-BS2	LCS	01/11/23
BA30456-BSD1	LCS Dup	01/11/23

Batch ID: BA30472 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/11/23
23A0356-03	MW-3	01/11/23
23A0356-04	MW-4	01/11/23
23A0356-05	MW-5	01/11/23
23A0356-06	MW-6	01/11/23
23A0356-07	MW-7	01/11/23
23A0356-08	MW-1 Dup	01/11/23
BA30472-BLK1	Blank	01/11/23
BA30472-BS1	LCS	01/11/23
BA30472-MS1	Matrix Spike	01/11/23
BA30472-MSD1	Matrix Spike Dup	01/11/23

Batch ID: BA30520 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/11/23
23A0356-02	MW-2	01/11/23
23A0356-03	MW-3	01/11/23
23A0356-04	MW-4	01/11/23
23A0356-05	MW-5	01/11/23
23A0356-06	MW-6	01/11/23
23A0356-07	MW-7	01/11/23
23A0356-08	MW-1 Dup	01/11/23
BA30520-BLK1	Blank	01/11/23
BA30520-BS1	LCS	01/11/23
BA30520-BSD1	LCS Dup	01/11/23

Batch ID: BA30626 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
23A0356-01	MW-1	01/13/23
23A0356-03	MW-3	01/13/23
23A0356-04	MW-4	01/13/23

23A0356-05	MW-5	01/13/23
23A0356-06	MW-6	01/13/23
23A0356-07	MW-7	01/13/23
23A0356-08	MW-1 Dup	01/13/23
BA30626-BLK1	Blank	01/13/23
BA30626-BLK2	Blank	01/13/23
BA30626-BS1	LCS	01/13/23
BA30626-BS2	LCS	01/13/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30520 - EPA 5030B											
Blank (BA30520-BLK1)									Prepared & Analyzed: 01/11/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30520 - EPA 5030B											
Blank (BA30520-BLK1)									Prepared & Analyzed: 01/11/2023		
Dichlorodifluoromethane	ND	0.500	ug/L								
Diisopropyl ether (DIPE)	ND	0.800	"								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30520 - EPA 5030B											
LCS (BA30520-BS1)								Prepared & Analyzed: 01/11/2023			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	9.55		"	10.0		95.5	82-123				
1,1-Dichloroethane	9.53		"	10.0		95.3	82-129				
1,1-Dichloroethylene	9.68		"	10.0		96.8	68-138				
1,1-Dichloropropylene	9.58		"	10.0		95.8	83-133				
1,2,3-Trichlorobenzene	9.04		"	10.0		90.4	76-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128				
1,2,4,5-Tetramethylbenzene	9.29		"	10.0		92.9	85-140				
1,2,4-Trichlorobenzene	9.16		"	10.0		91.6	76-137				
1,2,4-Trimethylbenzene	9.69		"	10.0		96.9	82-132				
1,2-Dibromo-3-chloropropane	9.59		"	10.0		95.9	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	9.75		"	10.0		97.5	79-123				
1,2-Dichloroethane	9.83		"	10.0		98.3	73-132				
1,2-Dichloropropane	9.14		"	10.0		91.4	78-126				
1,3,5-Trimethylbenzene	9.76		"	10.0		97.6	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125				
1,4-Dichlorobenzene	9.93		"	10.0		99.3	85-124				
1,4-Dioxane	404		"	210		192	10-349				
2,2-Dichloropropane	11.5		"	10.0		115	56-150				
2-Butanone	11.5		"	10.0		115	49-152				
2-Chlorotoluene	9.75		"	10.0		97.5	79-130				
2-Hexanone	9.91		"	10.0		99.1	51-146				
4-Chlorotoluene	9.75		"	10.0		97.5	79-128				
4-Methyl-2-pentanone	9.79		"	10.0		97.9	57-145				
Acetone	9.24		"	10.0		92.4	14-150				
Acrolein	8.65		"	10.0		86.5	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	9.53		"	10.0		95.3	78-129				
Bromochloromethane	9.90		"	10.0		99.0	77-128				
Bromodichloromethane	9.20		"	10.0		92.0	79-128				
Bromoform	9.43		"	10.0		94.3	78-133				
Bromomethane	0.750		"	10.0		7.50	43-168	Low Bias			
Carbon disulfide	10.4		"	10.0		104	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.1		"	10.0		101	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	5.94		"	10.0		59.4	43-155				
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	83-129				
cis-1,3-Dichloropropylene	9.29		"	10.0		92.9	80-131				
Cyclohexane	4.47		"	10.0		44.7	63-149	Low Bias			
Dibromochloromethane	9.00		"	10.0		90.0	80-130				
Dibromomethane	9.56		"	10.0		95.6	72-134				
Dichlorodifluoromethane	6.82		"	10.0		68.2	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30520 - EPA 5030B											
LCS (BA30520-BS1)								Prepared & Analyzed: 01/11/2023			
Diisopropyl ether (DIPE)	9.71		ug/L	10.0		97.1	70-130				
Ethyl Benzene	9.72		"	10.0		97.2	80-131				
Ethyl tert-butyl ether (ETBE)	10.3		"	10.0		103	70-130				
Hexachlorobutadiene	7.60		"	10.0		76.0	67-146				
Iodomethane	1.49		"	10.0		14.9	70-130	Low Bias			
Isopropylbenzene	10.3		"	10.0		103	76-140				
Methyl acetate	10.0		"	10.0		100	51-139				
Methyl Methacrylate	9.14		"	10.0		91.4	72-132				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	8.84		"	10.0		88.4	72-143				
Methylene chloride	8.95		"	10.0		89.5	55-137				
Naphthalene	10.1		"	10.0		101	70-147				
n-Butylbenzene	9.12		"	10.0		91.2	79-132				
n-Propylbenzene	10.1		"	10.0		101	78-133				
o-Xylene	9.73		"	10.0		97.3	78-130				
p- & m- Xylenes	19.6		"	20.0		98.0	77-133				
p-Diethylbenzene	9.29		"	10.0		92.9	84-134				
p-Ethyltoluene	11.0		"	10.0		110	88-129				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	9.94		"	10.0		99.4	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Amyl alcohol (TAA)	141		"	100		141	70-130	High Bias			
tert-Amyl methyl ether (TAME)	10.4		"	10.0		104	70-130				
tert-Butyl alcohol (TBA)	62.6		"	50.0		125	25-162				
tert-Butylbenzene	8.79		"	10.0		87.9	77-138				
Tetrachloroethylene	9.72		"	10.0		97.2	82-131				
Tetrahydrofuran	10.4		"	10.0		104	36-166				
Toluene	9.34		"	10.0		93.4	80-127				
trans-1,2-Dichloroethylene	9.60		"	10.0		96.0	80-132				
trans-1,3-Dichloropropylene	9.45		"	10.0		94.5	78-131				
trans-1,4-dichloro-2-butene	10.6		"	10.0		106	63-141				
Trichloroethylene	9.41		"	10.0		94.1	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl acetate	10.4		"	10.0		104	21-90	High Bias			
Vinyl Chloride	7.67		"	10.0		76.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30520 - EPA 5030B											
LCS Dup (BA30520-BSD1)								Prepared & Analyzed: 01/11/2023			
1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0		98.5	82-126		1.51	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		3.77	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		4.05	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.77		"	10.0		97.7	54-165		4.50	30	
1,1,2-Trichloroethane	9.99		"	10.0		99.9	82-123		4.50	30	
1,1-Dichloroethane	9.23		"	10.0		92.3	82-129		3.20	30	
1,1-Dichloroethylene	9.32		"	10.0		93.2	68-138		3.79	30	
1,1-Dichloropropylene	9.17		"	10.0		91.7	83-133		4.37	30	
1,2,3-Trichlorobenzene	9.46		"	10.0		94.6	76-136		4.54	30	
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128		1.97	30	
1,2,4,5-Tetramethylbenzene	9.29		"	10.0		92.9	85-140		0.00	30	
1,2,4-Trichlorobenzene	9.46		"	10.0		94.6	76-137		3.22	30	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	82-132		3.89	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		7.24	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		3.32	30	
1,2-Dichlorobenzene	9.61		"	10.0		96.1	79-123		1.45	30	
1,2-Dichloroethane	9.84		"	10.0		98.4	73-132		0.102	30	
1,2-Dichloropropane	9.09		"	10.0		90.9	78-126		0.549	30	
1,3,5-Trimethylbenzene	9.42		"	10.0		94.2	80-131		3.55	30	
1,3-Dichlorobenzene	9.69		"	10.0		96.9	86-122		4.04	30	
1,3-Dichloropropane	9.77		"	10.0		97.7	81-125		1.76	30	
1,4-Dichlorobenzene	9.61		"	10.0		96.1	85-124		3.28	30	
1,4-Dioxane	433		"	210		206	10-349		7.07	30	
2,2-Dichloropropane	10.8		"	10.0		108	56-150		6.39	30	
2-Butanone	12.3		"	10.0		123	49-152		6.66	30	
2-Chlorotoluene	9.28		"	10.0		92.8	79-130		4.94	30	
2-Hexanone	10.5		"	10.0		105	51-146		5.59	30	
4-Chlorotoluene	9.31		"	10.0		93.1	79-128		4.62	30	
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145		5.75	30	
Acetone	9.65		"	10.0		96.5	14-150		4.34	30	
Acrolein	8.84		"	10.0		88.4	10-153		2.17	30	
Acrylonitrile	10.8		"	10.0		108	51-150		2.54	30	
Benzene	9.90		"	10.0		99.0	85-126		2.99	30	
Bromobenzene	9.30		"	10.0		93.0	78-129		2.44	30	
Bromochloromethane	9.76		"	10.0		97.6	77-128		1.42	30	
Bromodichloromethane	9.14		"	10.0		91.4	79-128		0.654	30	
Bromoform	9.81		"	10.0		98.1	78-133		3.95	30	
Bromomethane	0.800		"	10.0		8.00	43-168	Low Bias	6.45	30	
Carbon disulfide	9.91		"	10.0		99.1	68-146		4.63	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		3.28	30	
Chlorobenzene	10.1		"	10.0		101	88-120		1.38	30	
Chloroethane	9.50		"	10.0		95.0	65-136		5.73	30	
Chloroform	10.0		"	10.0		100	82-128		2.85	30	
Chloromethane	5.42		"	10.0		54.2	43-155		9.15	30	
cis-1,2-Dichloroethylene	9.35		"	10.0		93.5	83-129		2.85	30	
cis-1,3-Dichloropropylene	9.19		"	10.0		91.9	80-131		1.08	30	
Cyclohexane	4.25		"	10.0		42.5	63-149	Low Bias	5.05	30	
Dibromochloromethane	9.09		"	10.0		90.9	80-130		0.995	30	
Dibromomethane	9.56		"	10.0		95.6	72-134		0.00	30	
Dichlorodifluoromethane	6.44		"	10.0		64.4	44-144		5.73	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30520 - EPA 5030B											
LCS Dup (BA30520-BSD1)								Prepared & Analyzed: 01/11/2023			
Diisopropyl ether (DIPE)	9.60		ug/L	10.0		96.0	70-130		1.14	30	
Ethyl Benzene	9.49		"	10.0		94.9	80-131		2.39	30	
Ethyl tert-butyl ether (ETBE)	10.2		"	10.0		102	70-130		0.585	30	
Hexachlorobutadiene	7.87		"	10.0		78.7	67-146		3.49	30	
Iodomethane	1.46		"	10.0		14.6	70-130	Low Bias	2.03	30	
Isopropylbenzene	9.83		"	10.0		98.3	76-140		4.48	30	
Methyl acetate	10.6		"	10.0		106	51-139		6.01	30	
Methyl Methacrylate	9.87		"	10.0		98.7	72-132		7.68	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		2.06	30	
Methylcyclohexane	8.64		"	10.0		86.4	72-143		2.29	30	
Methylene chloride	8.77		"	10.0		87.7	55-137		2.03	30	
Naphthalene	10.7		"	10.0		107	70-147		5.76	30	
n-Butylbenzene	8.78		"	10.0		87.8	79-132		3.80	30	
n-Propylbenzene	9.68		"	10.0		96.8	78-133		3.95	30	
o-Xylene	9.57		"	10.0		95.7	78-130		1.66	30	
p- & m- Xylenes	19.2		"	20.0		95.8	77-133		2.22	30	
p-Diethylbenzene	8.97		"	10.0		89.7	84-134		3.50	30	
p-Ethyltoluene	10.5		"	10.0		105	88-129		4.92	30	
p-Isopropyltoluene	9.82		"	10.0		98.2	81-136		3.50	30	
sec-Butylbenzene	9.64		"	10.0		96.4	79-137		3.06	30	
Styrene	9.80		"	10.0		98.0	67-132		2.32	30	
tert-Amyl alcohol (TAA)	153		"	100		153	70-130	High Bias	7.90	30	
tert-Amyl methyl ether (TAME)	10.7		"	10.0		107	70-130		2.46	30	
tert-Butyl alcohol (TBA)	69.3		"	50.0		139	25-162		10.1	30	
tert-Butylbenzene	8.38		"	10.0		83.8	77-138		4.78	30	
Tetrachloroethylene	9.41		"	10.0		94.1	82-131		3.24	30	
Tetrahydrofuran	11.0		"	10.0		110	36-166		5.40	30	
Toluene	9.08		"	10.0		90.8	80-127		2.82	30	
trans-1,2-Dichloroethylene	9.16		"	10.0		91.6	80-132		4.69	30	
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	78-131		0.422	30	
trans-1,4-dichloro-2-butene	10.9		"	10.0		109	63-141		2.98	30	
Trichloroethylene	9.10		"	10.0		91.0	82-128		3.35	30	
Trichlorofluoromethane	10.1		"	10.0		101	67-139		5.69	30	
Vinyl acetate	10.7		"	10.0		107	21-90	High Bias	2.18	30	
Vinyl Chloride	7.02		"	10.0		70.2	58-145		8.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30307 - EPA 3510C											
Blank (BA30307-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*12.8*		"	*50.0*		*25.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*6.84*		"	*50.0*		*13.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.4*		"	*25.0*		*65.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.3*		"	*25.0*		*53.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.4*		"	*50.0*		*70.8*	*39.3-151*				

Prepared: 01/09/2023 Analyzed: 01/10/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30307 - EPA 3510C											
Blank (BA30307-BLK1)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
Surrogate: SURR: Terphenyl-d14	*17.4*		*ug/L*	*25.0*		*69.5*	*30.7-106*				
Blank (BA30307-BLK2)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	1.19	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30307 - EPA 3510C											
Blank (BA30307-BLK2)											
Prepared: 01/09/2023 Analyzed: 01/10/2023											
Dimethyl phthalate	ND	5.00	ug/L								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30307 - EPA 3510C											
LCS (BA30307-BS1)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
1,1-Biphenyl	12.1	5.00	ug/L	25.0		48.5	33-95				
1,2,4,5-Tetrachlorobenzene	14.9	5.00	"	25.0		59.7	26-120				
2,3,4,6-Tetrachlorophenol	16.8	5.00	"	25.0		67.2	30-130				
2,4,5-Trichlorophenol	12.6	5.00	"	25.0		50.6	32-114				
2,4,6-Trichlorophenol	14.0	5.00	"	25.0		56.0	35-118				
2,4-Dichlorophenol	15.1	5.00	"	25.0		60.4	25-116				
2,4-Dimethylphenol	15.0	5.00	"	25.0		59.8	15-116				
2,4-Dinitrophenol	24.7	5.00	"	25.0		98.7	10-170				
2,4-Dinitrotoluene	32.9	5.00	"	25.0		132	41-128	High Bias			
2,6-Dinitrotoluene	29.1	5.00	"	25.0		116	45-116				
2-Chloronaphthalene	13.4	5.00	"	25.0		53.6	33-112				
2-Chlorophenol	12.7	5.00	"	25.0		50.6	15-120				
2-Methylnaphthalene	14.8	5.00	"	25.0		59.1	24-118				
2-Methylphenol	11.0	5.00	"	25.0		43.8	10-110				
2-Nitroaniline	22.0	5.00	"	25.0		87.9	34-129				
2-Nitrophenol	20.3	5.00	"	25.0		81.2	28-118				
3- & 4-Methylphenols	8.48	5.00	"	25.0		33.9	10-107				
3,3-Dichlorobenzidine	11.2	5.00	"	25.0		44.8	15-187				
3-Nitroaniline	19.8	5.00	"	25.0		79.1	24-134				
4,6-Dinitro-2-methylphenol	39.9	5.00	"	25.0		160	10-153	High Bias			
4-Bromophenyl phenyl ether	14.9	5.00	"	25.0		59.5	34-120				
4-Chloro-3-methylphenol	15.5	5.00	"	25.0		62.0	20-120				
4-Chloroaniline	11.4	5.00	"	25.0		45.7	10-147				
4-Chlorophenyl phenyl ether	14.9	5.00	"	25.0		59.6	27-121				
4-Nitroaniline	20.4	5.00	"	25.0		81.7	13-134				
4-Nitrophenol	5.93	5.00	"	25.0		23.7	10-131				
Acetophenone	11.7	5.00	"	25.0		46.8	25-110				
Benzaldehyde	11.6	5.00	"	25.0		46.6	29-117				
Benzyl butyl phthalate	13.8	5.00	"	25.0		55.4	29-133				
Bis(2-chloroethoxy)methane	14.4	5.00	"	25.0		57.8	10-154				
Bis(2-chloroethyl)ether	24.5	5.00	"	25.0		98.2	17-125				
Bis(2-chloroisopropyl)ether	13.2	5.00	"	25.0		52.8	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	15.6	5.00	"	25.0		62.6	42-126				
Dibenzofuran	14.5	5.00	"	25.0		58.0	36-113				
Diethyl phthalate	14.9	5.00	"	25.0		59.5	38-115				
Dimethyl phthalate	15.1	5.00	"	25.0		60.2	38-129				
Di-n-butyl phthalate	14.9	5.00	"	25.0		59.7	31-120				
Di-n-octyl phthalate	13.6	5.00	"	25.0		54.6	21-149				
Hexachlorocyclopentadiene	11.3	10.0	"	25.0		45.3	10-130				
Isophorone	15.0	5.00	"	25.0		59.8	25-127				
N-nitroso-di-n-propylamine	13.2	5.00	"	25.0		52.8	26-122				
N-Nitrosodiphenylamine	16.7	5.00	"	25.0		66.8	23-149				
Phenol	5.63	5.00	"	25.0		22.5	10-110				
Pyridine	4.30	5.00	"	25.5		16.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*13.5*		*"*	*50.0*		*27.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.03*		*"*	*50.0*		*16.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.9*		*"*	*25.0*		*67.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.2*		*"*	*25.0*		*53.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*36.1*		*"*	*50.0*		*72.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*15.3*		*"*	*25.0*		*61.1*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30307 - EPA 3510C											
LCS (BA30307-BS2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.560	0.0500	"	1.00		56.0	25-116				
Acenaphthylene	0.600	0.0500	"	1.00		60.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Anthracene	0.610	0.0500	"	1.00		61.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.670	0.0500	"	1.00		67.0	33-125				
Benzo(a)pyrene	0.560	0.0500	"	1.00		56.0	32-132				
Benzo(b)fluoranthene	0.690	0.0500	"	1.00		69.0	22-137				
Benzo(g,h,i)perylene	0.820	0.0500	"	1.00		82.0	10-138				
Benzo(k)fluoranthene	0.650	0.0500	"	1.00		65.0	20-137				
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	1.73	0.500	"	1.00		173	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	0.710	0.0500	"	1.00		71.0	32-124				
Dibenzo(a,h)anthracene	0.820	0.0500	"	1.00		82.0	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Fluoranthene	0.730	0.0500	"	1.00		73.0	32-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30307 - EPA 3510C											
LCS (BA30307-BS2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
Fluorene	0.660	0.0500	ug/L	1.00		66.0	28-118				
Hexachlorobenzene	0.740	0.0200	"	1.00		74.0	23-124				
Hexachlorobutadiene	0.570	0.500	"	1.00		57.0	15-123				
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	2.68	0.500	"	1.00		268	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.810	0.0500	"	1.00		81.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.550	0.0500	"	1.00		55.0	18-120				
Nitrobenzene	0.650	0.250	"	1.00		65.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	0.790	0.250	"	1.00		79.0	10-156				
Phenanthrene	0.680	0.0500	"	1.00		68.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.640	0.0500	"	1.00		64.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				
LCS Dup (BA30307-BSD1)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
1,1-Biphenyl	14.2	5.00	ug/L	25.0		57.0	33-95		16.1	20	
1,2,4,5-Tetrachlorobenzene	15.5	5.00	"	25.0		62.0	26-120		3.68	20	
2,3,4,6-Tetrachlorophenol	17.6	5.00	"	25.0		70.4	30-130		4.77	20	
2,4,5-Trichlorophenol	13.5	5.00	"	25.0		54.1	32-114		6.80	20	
2,4,6-Trichlorophenol	15.0	5.00	"	25.0		59.8	35-118		6.63	20	
2,4-Dichlorophenol	15.5	5.00	"	25.0		62.1	25-116		2.74	20	
2,4-Dimethylphenol	15.4	5.00	"	25.0		61.5	15-116		2.84	20	
2,4-Dinitrophenol	28.7	5.00	"	25.0		115	10-170		15.2	20	
2,4-Dinitrotoluene	35.4	5.00	"	25.0		142	41-128	High Bias	7.23	20	
2,6-Dinitrotoluene	31.1	5.00	"	25.0		124	45-116	High Bias	6.45	20	
2-Chloronaphthalene	14.2	5.00	"	25.0		56.6	33-112		5.44	20	
2-Chlorophenol	12.9	5.00	"	25.0		51.7	15-120		2.11	20	
2-Methylnaphthalene	15.2	5.00	"	25.0		60.7	24-118		2.67	20	
2-Methylphenol	11.2	5.00	"	25.0		44.8	10-110		2.26	20	
2-Nitroaniline	23.3	5.00	"	25.0		93.2	34-129		5.88	20	
2-Nitrophenol	21.5	5.00	"	25.0		86.0	28-118		5.84	20	
3- & 4-Methylphenols	8.61	5.00	"	25.0		34.4	10-107		1.52	20	
3,3-Dichlorobenzidine	11.6	5.00	"	25.0		46.4	15-187		3.51	20	
3-Nitroaniline	20.4	5.00	"	25.0		81.6	24-134		3.14	20	
4,6-Dinitro-2-methylphenol	47.0	5.00	"	25.0		188	10-153	High Bias	16.2	20	
4-Bromophenyl phenyl ether	16.1	5.00	"	25.0		64.5	34-120		8.13	20	
4-Chloro-3-methylphenol	16.0	5.00	"	25.0		64.0	20-120		3.17	20	
4-Chloroaniline	11.6	5.00	"	25.0		46.2	10-147		1.13	20	
4-Chlorophenyl phenyl ether	15.8	5.00	"	25.0		63.2	27-121		5.80	20	
4-Nitroaniline	21.6	5.00	"	25.0		86.2	13-134		5.43	20	
4-Nitrophenol	6.63	5.00	"	25.0		26.5	10-131		11.1	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30307 - EPA 3510C											
LCS Dup (BA30307-BSD1)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
Acetophenone	13.6	5.00	ug/L	25.0		54.2	25-110		14.7	20	
Benzaldehyde	13.5	5.00	"	25.0		54.2	29-117		15.1	20	
Benzyl butyl phthalate	14.8	5.00	"	25.0		59.2	29-133		6.63	20	
Bis(2-chloroethoxy)methane	15.0	5.00	"	25.0		60.0	10-154		3.80	20	
Bis(2-chloroethyl)ether	24.9	5.00	"	25.0		99.5	17-125		1.38	20	
Bis(2-chloroisopropyl)ether	13.4	5.00	"	25.0		53.8	10-139		1.80	20	
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias		20	
Carbazole	16.9	5.00	"	25.0		67.8	42-126		7.98	20	
Dibenzofuran	15.3	5.00	"	25.0		61.3	36-113		5.56	20	
Diethyl phthalate	15.9	5.00	"	25.0		63.6	38-115		6.56	20	
Dimethyl phthalate	15.9	5.00	"	25.0		63.6	38-129		5.43	20	
Di-n-butyl phthalate	16.2	5.00	"	25.0		64.6	31-120		7.92	20	
Di-n-octyl phthalate	14.8	5.00	"	25.0		59.4	21-149		8.49	20	
Hexachlorocyclopentadiene	11.4	10.0	"	25.0		45.7	10-130		0.879	20	
Isophorone	15.6	5.00	"	25.0		62.6	25-127		4.58	20	
N-nitroso-di-n-propylamine	13.6	5.00	"	25.0		54.6	26-122		3.43	20	
N-Nitrosodiphenylamine	17.9	5.00	"	25.0		71.6	23-149		7.00	20	
Phenol	5.76	5.00	"	25.0		23.0	10-110		2.28	20	
Pyridine	4.09	5.00	"	25.5		16.0	10-90		5.01	20	
Surrogate: SURR: 2-Fluorophenol	*14.0*		*"*	*50.0*		*28.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.27*		*"*	*50.0*		*16.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.8*		*"*	*25.0*		*71.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.2*		*"*	*25.0*		*57.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.4*		*"*	*50.0*		*78.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.4*		*"*	*25.0*		*65.4*	*30.7-106*				
Batch BA30456 - EPA 3510C											
Blank (BA30456-BLK1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
Blank (BA30456-BLK1)											
Prepared: 01/11/2023 Analyzed: 01/12/2023											
4-Chloroaniline	ND	5.00	ug/L								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*16.1*		"	*50.0*		*32.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.13*		"	*50.0*		*18.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.4*		"	*25.0*		*85.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.7*		"	*25.0*		*66.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.6*		"	*50.0*		*87.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*34.4*		"	*25.0*		*137*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
Blank (BA30456-BLK2)											Prepared: 01/11/2023 Analyzed: 01/12/2023
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	0.720	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BA30456-BS1)											Prepared: 01/11/2023 Analyzed: 01/12/2023
1,1-Biphenyl	13.2	5.00	ug/L	25.0		52.8	33-95				
1,2,4,5-Tetrachlorobenzene	14.2	5.00	"	25.0		56.6	26-120				
2,3,4,6-Tetrachlorophenol	17.0	5.00	"	25.0		67.8	30-130				
2,4,5-Trichlorophenol	13.8	5.00	"	25.0		55.1	32-114				
2,4,6-Trichlorophenol	15.2	5.00	"	25.0		61.0	35-118				
2,4-Dichlorophenol	16.0	5.00	"	25.0		63.9	25-116				
2,4-Dimethylphenol	15.4	5.00	"	25.0		61.7	15-116				
2,4-Dinitrophenol	27.8	5.00	"	25.0		111	10-170				
2,4-Dinitrotoluene	34.7	5.00	"	25.0		139	41-128	High Bias			
2,6-Dinitrotoluene	30.9	5.00	"	25.0		123	45-116	High Bias			
2-Chloronaphthalene	14.5	5.00	"	25.0		58.1	33-112				
2-Chlorophenol	13.1	5.00	"	25.0		52.2	15-120				
2-Methylnaphthalene	15.6	5.00	"	25.0		62.6	24-118				
2-Methylphenol	11.6	5.00	"	25.0		46.6	10-110				
2-Nitroaniline	23.3	5.00	"	25.0		93.1	34-129				
2-Nitrophenol	22.4	5.00	"	25.0		89.8	28-118				
3- & 4-Methylphenols	9.03	5.00	"	25.0		36.1	10-107				
3,3-Dichlorobenzidine	12.9	5.00	"	25.0		51.6	15-187				
3-Nitroaniline	21.2	5.00	"	25.0		84.6	24-134				
4,6-Dinitro-2-methylphenol	42.6	5.00	"	25.0		171	10-153	High Bias			
4-Bromophenyl phenyl ether	16.1	5.00	"	25.0		64.4	34-120				
4-Chloro-3-methylphenol	16.1	5.00	"	25.0		64.2	20-120				
4-Chloroaniline	13.2	5.00	"	25.0		52.6	10-147				
4-Chlorophenyl phenyl ether	15.9	5.00	"	25.0		63.4	27-121				
4-Nitroaniline	22.2	5.00	"	25.0		88.8	13-134				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
LCS (BA30456-BS1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
4-Nitrophenol	6.44	5.00	ug/L	25.0		25.8	10-131				
Acetophenone	12.8	5.00	"	25.0		51.2	25-110				
Benzaldehyde	12.3	5.00	"	25.0		49.2	29-117				
Benzyl butyl phthalate	14.7	5.00	"	25.0		59.0	29-133				
Bis(2-chloroethoxy)methane	15.7	5.00	"	25.0		62.8	10-154				
Bis(2-chloroethyl)ether	26.1	5.00	"	25.0		105	17-125				
Bis(2-chloroisopropyl)ether	14.0	5.00	"	25.0		55.9	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	16.4	5.00	"	25.0		65.4	42-126				
Dibenzofuran	15.5	5.00	"	25.0		62.1	36-113				
Diethyl phthalate	15.4	5.00	"	25.0		61.6	38-115				
Dimethyl phthalate	15.7	5.00	"	25.0		62.9	38-129				
Di-n-butyl phthalate	15.3	5.00	"	25.0		61.3	31-120				
Di-n-octyl phthalate	15.8	5.00	"	25.0		63.1	21-149				
Hexachlorocyclopentadiene	8.76	10.0	"	25.0		35.0	10-130				
Isophorone	15.8	5.00	"	25.0		63.1	25-127				
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0		53.6	26-122				
N-Nitrosodiphenylamine	17.6	5.00	"	25.0		70.3	23-149				
Phenol	6.13	5.00	"	25.0		24.5	10-110				
Pyridine	3.60	5.00	"	25.5		14.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*14.9*		*"*	*50.0*		*29.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.50*		*"*	*50.0*		*19.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.2*		*"*	*25.0*		*76.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.1*		*"*	*25.0*		*60.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.7*		*"*	*50.0*		*81.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*68.6*	*30.7-106*				
LCS (BA30456-BS2)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
Acenaphthene	0.490	0.0500	ug/L	1.00		49.0	25-116				
Acenaphthylene	0.510	0.0500	"	1.00		51.0	26-116				
Anthracene	0.480	0.0500	"	1.00		48.0	25-123				
Benzo(a)anthracene	0.540	0.0500	"	1.00		54.0	33-125				
Benzo(a)pyrene	0.440	0.0500	"	1.00		44.0	32-132				
Benzo(b)fluoranthene	0.540	0.0500	"	1.00		54.0	22-137				
Benzo(g,h,i)perylene	0.650	0.0500	"	1.00		65.0	10-138				
Benzo(k)fluoranthene	0.530	0.0500	"	1.00		53.0	20-137				
Bis(2-ethylhexyl)phthalate	1.08	0.500	"	1.00		108	10-189				
Chrysene	0.570	0.0500	"	1.00		57.0	32-124				
Dibenzo(a,h)anthracene	0.630	0.0500	"	1.00		63.0	16-133				
Fluoranthene	0.600	0.0500	"	1.00		60.0	32-121				
Fluorene	0.560	0.0500	"	1.00		56.0	28-118				
Hexachlorobenzene	0.660	0.0200	"	1.00		66.0	23-124				
Hexachlorobutadiene	0.540	0.500	"	1.00		54.0	15-123				
Hexachloroethane	2.50	0.500	"	1.00		250	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.640	0.0500	"	1.00		64.0	15-135				
Naphthalene	0.520	0.0500	"	1.00		52.0	18-120				
Nitrobenzene	0.620	0.250	"	1.00		62.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.680	0.250	"	1.00		68.0	10-156				
Phenanthrene	0.560	0.0500	"	1.00		56.0	24-127				
Pyrene	0.510	0.0500	"	1.00		51.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
LCS Dup (BA30456-BSD1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,1-Biphenyl	15.4	5.00	ug/L	25.0		61.7	33-95		15.5	20	
1,2,4,5-Tetrachlorobenzene	15.7	5.00	"	25.0		62.9	26-120		10.6	20	
2,3,4,6-Tetrachlorophenol	14.7	5.00	"	25.0		58.8	30-130		14.3	20	
2,4,5-Trichlorophenol	15.1	5.00	"	25.0		60.2	32-114		8.88	20	
2,4,6-Trichlorophenol	16.7	5.00	"	25.0		66.6	35-118		8.90	20	
2,4-Dichlorophenol	17.8	5.00	"	25.0		71.1	25-116		10.7	20	
2,4-Dimethylphenol	17.4	5.00	"	25.0		69.4	15-116		11.8	20	
2,4-Dinitrophenol	31.6	5.00	"	25.0		126	10-170		12.8	20	
2,4-Dinitrotoluene	38.2	5.00	"	25.0		153	41-128	High Bias	9.66	20	
2,6-Dinitrotoluene	34.4	5.00	"	25.0		137	45-116	High Bias	10.7	20	
2-Chloronaphthalene	16.3	5.00	"	25.0		65.3	33-112		11.6	20	
2-Chlorophenol	14.6	5.00	"	25.0		58.2	15-120		10.8	20	
2-Methylnaphthalene	17.4	5.00	"	25.0		69.6	24-118		10.6	20	
2-Methylphenol	13.0	5.00	"	25.0		52.2	10-110		11.3	20	
2-Nitroaniline	26.2	5.00	"	25.0		105	34-129		11.7	20	
2-Nitrophenol	25.4	5.00	"	25.0		102	28-118		12.5	20	
3- & 4-Methylphenols	10.3	5.00	"	25.0		41.0	10-107		12.8	20	
3,3-Dichlorobenzidine	14.0	5.00	"	25.0		56.2	15-187		8.54	20	
3-Nitroaniline	23.1	5.00	"	25.0		92.6	24-134		8.99	20	
4,6-Dinitro-2-methylphenol	47.6	5.00	"	25.0		190	10-153	High Bias	11.0	20	
4-Bromophenyl phenyl ether	17.8	5.00	"	25.0		71.0	34-120		9.81	20	
4-Chloro-3-methylphenol	17.7	5.00	"	25.0		70.7	20-120		9.55	20	
4-Chloroaniline	14.7	5.00	"	25.0		58.8	10-147		11.1	20	
4-Chlorophenyl phenyl ether	17.5	5.00	"	25.0		69.9	27-121		9.72	20	
4-Nitroaniline	24.3	5.00	"	25.0		97.1	13-134		8.95	20	
4-Nitrophenol	6.51	5.00	"	25.0		26.0	10-131		1.08	20	
Acetophenone	14.8	5.00	"	25.0		59.1	25-110		14.2	20	
Benzaldehyde	14.5	5.00	"	25.0		58.2	29-117		16.7	20	
Benzyl butyl phthalate	15.8	5.00	"	25.0		63.3	29-133		7.13	20	
Bis(2-chloroethoxy)methane	17.5	5.00	"	25.0		69.9	10-154		10.7	20	
Bis(2-chloroethyl)ether	29.2	5.00	"	25.0		117	17-125		11.3	20	
Bis(2-chloroisopropyl)ether	15.7	5.00	"	25.0		62.9	10-139		11.7	20	
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias		20	
Carbazole	18.1	5.00	"	25.0		72.6	42-126		10.3	20	
Dibenzofuran	17.0	5.00	"	25.0		68.2	36-113		9.34	20	
Diethyl phthalate	16.8	5.00	"	25.0		67.4	38-115		8.93	20	
Dimethyl phthalate	17.2	5.00	"	25.0		68.8	38-129		8.93	20	
Di-n-butyl phthalate	16.6	5.00	"	25.0		66.3	31-120		7.83	20	
Di-n-octyl phthalate	16.4	5.00	"	25.0		65.8	21-149		4.16	20	
Hexachlorocyclopentadiene	9.86	10.0	"	25.0		39.4	10-130		11.8	20	
Isophorone	17.7	5.00	"	25.0		70.8	25-127		11.5	20	
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		62.0	26-122		14.5	20	
N-Nitrosodiphenylamine	19.6	5.00	"	25.0		78.4	23-149		10.9	20	
Phenol	6.73	5.00	"	25.0		26.9	10-110		9.33	20	
Pyridine	3.96	5.00	"	25.5		15.5	10-90		9.52	20	
Surrogate: SURR: 2-Fluorophenol	*14.0*		*"*	*50.0*		*28.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.77*		*"*	*50.0*		*17.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.6*		*"*	*25.0*		*74.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.4*		*"*	*25.0*		*57.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.5*		*"*	*50.0*		*77.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.2*		*"*	*25.0*		*64.7*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30472 - EPA 3535A											
Blank (BA30472-BLK1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.1*	*36.6-118*				
LCS (BA30472-BS1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	4.22	0.300	ug/L	4.00		106	50-130				
Surrogate: 1,4-Dioxane-d8	*3.03*		*"*	*4.00*		*75.7*	*36.6-118*				
Matrix Spike (BA30472-MS1)	*Source sample: 23A0352-01 (Matrix Spike)								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	4.96	0.300	ug/L	4.00	0.944	100	50-130				
Surrogate: 1,4-Dioxane-d8	*2.66*		*"*	*4.00*		*66.6*	*50-130*				
Matrix Spike Dup (BA30472-MSD1)	*Source sample: 23A0352-01 (Matrix Spike Dup)								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	5.06	0.300	ug/L	4.00	0.944	103	50-130		1.92	30	
Surrogate: 1,4-Dioxane-d8	*2.76*		*"*	*4.00*		*69.0*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)											Prepared: 01/10/2023 Analyzed: 01/13/2023
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	8.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	8.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	8.00	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	8.00	"								
9CL-PF3ONS	ND	8.00	"								
ADONA	ND	8.00	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	0.975	0.200	"								
Surrogate: M3PFBS	*37.3*		*"*	*46.6*		*80.1*	*25-150*				
Surrogate: M5PFHxA	*39.4*		*"*	*50.0*		*78.8*	*25-150*				
Surrogate: M4PFHpA	*34.5*		*"*	*50.0*		*69.0*	*25-150*				
Surrogate: M3PFHxS	*49.2*		*"*	*47.4*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.4*		*"*	*50.0*		*66.8*	*25-150*				
Surrogate: M6PFDA	*21.0*		*"*	*25.0*		*84.2*	*25-150*				
Surrogate: M7PFUdA	*19.1*		*"*	*25.0*		*76.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)									Prepared: 01/10/2023 Analyzed: 01/13/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.9*		*ng/L*	*25.0*		*63.8*	*25-150*				
Surrogate: M2PFTeDA	*14.6*		*"*	*25.0*		*58.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*167*		*"*	*200*		*83.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*51.2*		*"*	*47.9*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.8*		*"*	*100*		*78.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.65*		*"*	*50.0*		*11.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*83.2*		*"*	*100*		*83.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*88.2*		*"*	*100*		*88.2*	*25-150*				
Surrogate: M2-6:2 FTS	*69.8*		*"*	*95.1*		*73.4*	*25-200*				
Surrogate: M2-8:2 FTS	*65.1*		*"*	*96.0*		*67.8*	*25-200*				
Surrogate: M9PFNA	*21.2*		*"*	*25.0*		*84.9*	*25-150*				
Surrogate: M2-4:2 FTS	*64.2*		*"*	*93.8*		*68.4*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		*"*	*50.0*		*23.1*	*25-150*				
Surrogate: d-N-EtFOSA	*34.3*		*"*	*50.0*		*68.6*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*200*		*70.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*121*		*"*	*500*		*24.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*113*		*"*	*500*		*22.7*	*25-150*				
LCS (BA30396-BS1)									Prepared: 01/10/2023 Analyzed: 01/13/2023		
Perfluorobutanesulfonic acid (PFBS)	66.6	2.00	ng/L	70.8		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	74.8	2.00	"	80.0		93.5	50-150				
Perfluoroheptanoic acid (PFHpA)	82.3	2.00	"	80.0		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	82.6	2.00	"	73.2		113	50-150				
Perfluorooctanoic acid (PFOA)	69.9	2.00	"	80.0		87.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	69.2	2.00	"	74.4		93.1	50-150				
Perfluorononanoic acid (PFNA)	66.9	2.00	"	80.0		83.6	50-150				
Perfluorodecanoic acid (PFDA)	72.3	2.00	"	80.0		90.4	50-150				
Perfluoroundecanoic acid (PFUnA)	73.3	2.00	"	80.0		91.6	50-150				
Perfluorododecanoic acid (PFDoA)	77.6	2.00	"	80.0		97.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	91.7	2.00	"	80.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	73.2	2.00	"	80.0		91.6	50-150				
N-MeFOSAA	73.9	2.00	"	80.0		92.3	50-150				
N-EtFOSAA	71.6	2.00	"	80.0		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	148	4.00	"	160		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	75.1	2.00	"	80.0		93.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	73.9	2.00	"	76.4		96.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	68.3	2.00	"	77.2		88.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	293	8.00	"	304		96.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	279	8.00	"	307		90.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	288	8.00	"	320		90.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	148	4.00	"	142		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	108	4.00	"	160		67.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	156	4.00	"	160		97.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	152	4.00	"	160		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	63.8	2.00	"	75.2		84.8	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS1)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	269	8.00	ng/L	300		89.8	50-150				
HFPO-DA (Gen-X)	155	8.00	"	160		96.6	50-150				
11CL-PF3OUdS	185	8.00	"	151		122	50-150				
9CL-PF3ONS	206	8.00	"	150		138	50-150				
ADONA	180	8.00	"	151		119	50-150				
Perfluorododecanesulfonic acid (PFDoS)	63.0	2.00	"	77.6		81.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	79.6	2.00	"	76.8		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	200	5.00	"	320		62.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1330	25.0	"	1600		83.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1430	25.0	"	1600		89.6	50-150				
N-MeFOSE	717	20.0	"	800		89.7	50-150				
N-MeFOSA	101	2.00	"	80.0		127	50-150				
N-EtFOSE	793	20.0	"	800		99.2	50-150				
N-EtFOSA	48.0	0.200	"	80.0		60.0	50-150				
Surrogate: M3PFBS	*38.7*		"	*46.6*		*83.0*	*25-150*				
Surrogate: M5PFHxA	*43.1*		"	*50.0*		*86.2*	*25-150*				
Surrogate: M4PFHpA	*38.2*		"	*50.0*		*76.3*	*25-150*				
Surrogate: M3PFHxS	*48.4*		"	*47.4*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*42.5*		"	*50.0*		*85.0*	*25-150*				
Surrogate: M6PFDA	*20.8*		"	*25.0*		*83.2*	*25-150*				
Surrogate: M7PFUdA	*19.5*		"	*25.0*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.1*		"	*25.0*		*68.4*	*25-150*				
Surrogate: M2PFTeDA	*14.4*		"	*25.0*		*57.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*187*		"	*200*		*93.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*44.6*		"	*47.9*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.4*		"	*100*		*86.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.69*		"	*50.0*		*13.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.7*		"	*100*		*72.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*71.1*		"	*100*		*71.1*	*25-150*				
Surrogate: M2-6:2 FTS	*76.8*		"	*95.1*		*80.7*	*25-200*				
Surrogate: M2-8:2 FTS	*77.2*		"	*96.0*		*80.5*	*25-200*				
Surrogate: M9PFNA	*23.4*		"	*25.0*		*93.4*	*25-150*				
Surrogate: M2-4:2 FTS	*70.5*		"	*93.8*		*75.2*	*25-150*				
Surrogate: d-N-MeFOSA	*9.49*		"	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*30.6*		"	*50.0*		*61.2*	*25-150*				
Surrogate: M3HFPO-DA	*140*		"	*200*		*70.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*112*		"	*500*		*22.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*120*		"	*500*		*23.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Perfluorobutanesulfonic acid (PFBS)	7.09	2.00	ng/L	7.08		100	50-150				
Perfluorohexanoic acid (PFHxA)	7.52	2.00	"	8.00		94.0	50-150				
Perfluoroheptanoic acid (PFHpA)	7.43	2.00	"	8.00		92.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.07	2.00	"	7.32		124	50-150				
Perfluorooctanoic acid (PFOA)	7.71	2.00	"	8.00		96.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.93	2.00	"	7.44		93.2	50-150				
Perfluorononanoic acid (PFNA)	6.32	2.00	"	8.00		79.0	50-150				
Perfluorodecanoic acid (PFDA)	7.51	2.00	"	8.00		93.9	50-150				
Perfluoroundecanoic acid (PFUnA)	6.76	2.00	"	8.00		84.5	50-150				
Perfluorododecanoic acid (PFDoA)	7.17	2.00	"	8.00		89.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	7.77	2.00	"	8.00		97.1	50-150				
Perfluorotetradecanoic acid (PFTA)	7.77	2.00	"	8.00		97.1	50-150				
N-MeFOSAA	7.70	2.00	"	8.00		96.3	50-150				
N-EtFOSAA	7.81	2.00	"	8.00		97.6	50-150				
Perfluoropentanoic acid (PFPeA)	14.5	4.00	"	16.0		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.11	2.00	"	8.00		88.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.81	2.00	"	7.64		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.88	2.00	"	7.72		102	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	28.8	8.00	"	30.4		94.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	32.0	8.00	"	30.7		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.8	8.00	"	32.0		86.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	4.00	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.53	4.00	"	16.0		53.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	15.8	4.00	"	16.0		98.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	14.6	4.00	"	16.0		91.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.52	2.00	"	7.52		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	29.2	8.00	"	30.0		97.5	50-150				
HFPO-DA (Gen-X)	12.7	8.00	"	16.0		79.5	50-150				
11CL-PF3OUdS	17.3	8.00	"	15.1		114	50-150				
9CL-PF3ONS	18.9	8.00	"	15.0		126	50-150				
ADONA	16.4	8.00	"	15.1		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	6.24	2.00	"	7.76		80.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.88	2.00	"	7.68		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.10	5.00	"	32.0		22.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	51.0	25.0	"	160		31.9	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	63.3	25.0	"	160		39.5	50-150	Low Bias			
N-MeFOSE	67.0	20.0	"	80.0		83.7	50-150				
N-MeFOSA	8.68	2.00	"	8.00		109	50-150				
N-EtFOSE	71.6	20.0	"	80.0		89.4	50-150				
N-EtFOSA	5.88	0.200	"	8.00		73.6	50-150				
Surrogate: M3PFBS	*33.7*		"	*46.6*		*72.4*	*25-150*				
Surrogate: M5PFHxA	*39.6*		"	*50.0*		*79.2*	*25-150*				
Surrogate: M4PFHpA	*36.5*		"	*50.0*		*73.1*	*25-150*				
Surrogate: M3PFHxS	*39.9*		"	*47.4*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.8*		"	*50.0*		*69.6*	*25-150*				
Surrogate: M6PFDA	*19.6*		"	*25.0*		*78.3*	*25-150*				
Surrogate: M7PFUdA	*21.4*		"	*25.0*		*85.4*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.6*		*ng/L*	*25.0*		*70.4*	*25-150*				
Surrogate: M2PFTeDA	*15.0*		*"*	*25.0*		*59.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*165*		*"*	*200*		*82.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*42.1*		*"*	*47.9*		*88.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.0*		*"*	*100*		*80.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.36*		*"*	*50.0*		*12.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.5*		*"*	*100*		*74.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*72.1*		*"*	*100*		*72.1*	*25-150*				
Surrogate: M2-6:2 FTS	*65.4*		*"*	*95.1*		*68.8*	*25-200*				
Surrogate: M2-8:2 FTS	*61.9*		*"*	*96.0*		*64.5*	*25-200*				
Surrogate: M9PFNA	*22.0*		*"*	*25.0*		*87.9*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*93.8*		*61.4*	*25-150*				
Surrogate: d-N-MeFOSA	*9.50*		*"*	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*26.1*		*"*	*50.0*		*52.2*	*25-150*				
Surrogate: M3HFPO-DA	*144*		*"*	*200*		*72.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*148*		*"*	*500*		*29.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*124*		*"*	*500*		*24.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30305 - EPA SW846-3510C Low Level											
Blank (BA30305-BLK1)									Prepared: 01/09/2023 Analyzed: 01/13/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.200*		*72.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.121*		*"*	*0.200*		*60.4*	*30-150*				
LCS (BA30305-BS1)									Prepared: 01/09/2023 Analyzed: 01/13/2023		
4,4'-DDD	0.0887	0.00400	ug/L	0.100		88.7	40-140				
4,4'-DDE	0.0855	0.00400	"	0.100		85.5	40-140				
4,4'-DDT	0.105	0.00400	"	0.100		105	40-140				
Aldrin	0.0660	0.00400	"	0.100		66.0	40-140				
alpha-BHC	0.0722	0.00400	"	0.100		72.2	40-140				
alpha-Chlordane	0.0855	0.00400	"	0.100		85.5	40-140				
beta-BHC	0.0957	0.00400	"	0.100		95.7	40-140				
delta-BHC	0.0822	0.00400	"	0.100		82.2	40-140				
Dieldrin	0.0949	0.00200	"	0.100		94.9	40-140				
Endosulfan I	0.0916	0.00400	"	0.100		91.6	40-140				
Endosulfan II	0.0943	0.00400	"	0.100		94.3	40-140				
Endosulfan sulfate	0.0908	0.00400	"	0.100		90.8	40-140				
Endrin	0.0973	0.00400	"	0.100		97.3	40-140				
Endrin aldehyde	0.112	0.0100	"	0.100		112	40-140				
Endrin ketone	0.0954	0.0100	"	0.100		95.4	40-140				
gamma-BHC (Lindane)	0.0798	0.00400	"	0.100		79.8	40-140				
gamma-Chlordane	0.0831	0.0100	"	0.100		83.1	40-140				
Heptachlor	0.0765	0.00400	"	0.100		76.5	40-140				
Heptachlor epoxide	0.0939	0.00400	"	0.100		93.9	40-140				
Methoxychlor	0.108	0.00400	"	0.100		108	40-140				
Surrogate: Decachlorobiphenyl	*0.0984*		*"*	*0.200*		*49.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.200*		*57.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30305 - EPA SW846-3510C Low Level											
LCS Dup (BA30305-BSD1)								Prepared: 01/09/2023 Analyzed: 01/13/2023			
4,4'-DDD	0.104	0.00400	ug/L	0.100		104	40-140		16.4	20	
4,4'-DDE	0.0985	0.00400	"	0.100		98.5	40-140		14.1	20	
4,4'-DDT	0.113	0.00400	"	0.100		113	40-140		7.20	20	
Aldrin	0.0765	0.00400	"	0.100		76.5	40-140		14.7	20	
alpha-BHC	0.0819	0.00400	"	0.100		81.9	40-140		12.5	20	
alpha-Chlordane	0.0977	0.00400	"	0.100		97.7	40-140		13.4	20	
beta-BHC	0.110	0.00400	"	0.100		110	40-140		14.1	20	
delta-BHC	0.0947	0.00400	"	0.100		94.7	40-140		14.1	20	
Dieldrin	0.111	0.00200	"	0.100		111	40-140		15.8	20	
Endosulfan I	0.105	0.00400	"	0.100		105	40-140		13.7	20	
Endosulfan II	0.110	0.00400	"	0.100		110	40-140		15.4	20	
Endosulfan sulfate	0.111	0.00400	"	0.100		111	40-140		19.8	20	
Endrin	0.114	0.00400	"	0.100		114	40-140		16.1	20	
Endrin aldehyde	0.124	0.0100	"	0.100		124	40-140		9.80	20	
Endrin ketone	0.112	0.0100	"	0.100		112	40-140		15.8	20	
gamma-BHC (Lindane)	0.0917	0.00400	"	0.100		91.7	40-140		13.8	20	
gamma-Chlordane	0.0952	0.0100	"	0.100		95.2	40-140		13.6	20	
Heptachlor	0.0870	0.00400	"	0.100		87.0	40-140		12.9	20	
Heptachlor epoxide	0.107	0.00400	"	0.100		107	40-140		13.5	20	
Methoxychlor	0.126	0.00400	"	0.100		126	40-140		15.5	20	
Surrogate: Decachlorobiphenyl	*0.107*		*"*	*0.200*		*53.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.113*		*"*	*0.200*		*56.3*	*30-150*				
Batch S3A1315 - BA30224											
Performance Mix (S3A1315-PEM1)								Prepared & Analyzed: 01/12/2023			
4,4'-DDD	15.3		ng/mL	0.00			0-200				
4,4'-DDE	1.50		"	0.00			0-200				
4,4'-DDT	214		"	200		107	0-200				
Endrin	115		"	100		115	0-200				
Endrin aldehyde	2.86		"	0.00			0-200				
Endrin ketone	8.94		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S3A1316 - BA30285											
Performance Mix (S3A1316-PEM1)							Prepared & Analyzed: 01/12/2023				
4,4'-DDD	11.4		ng/mL	0.00			0-200				
4,4'-DDE	1.29		"	0.00			0-200				
4,4'-DDT	211		"	200		105	0-200				
Endrin	112		"	100		112	0-200				
Endrin aldehyde	2.41		"	0.00			0-200				
Endrin ketone	7.36		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30305 - EPA SW846-3510C Low Level											
Blank (BA30305-BLK2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.130*		*"*	*0.200*		*65.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.140*		*"*	*0.200*		*70.0*	*30-120*				
LCS (BA30305-BS2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
Aroclor 1016	0.564	0.0500	ug/L	1.00		56.4	40-120				
Aroclor 1260	0.584	0.0500	"	1.00		58.4	40-120				
Surrogate: Tetrachloro-m-xylene	*0.117*		*"*	*0.200*		*58.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0780*		*"*	*0.200*		*39.0*	*30-120*				
LCS Dup (BA30305-BSD2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
Aroclor 1016	0.754	0.0500	ug/L	1.00		75.4	40-120		28.8	30	
Aroclor 1260	0.826	0.0500	"	1.00		82.6	40-120		34.3	30	Non-dir.
Surrogate: Tetrachloro-m-xylene	*0.130*		*"*	*0.200*		*65.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.110*		*"*	*0.200*		*55.0*	*30-120*				
Batch S3A0930 - BA30359											
Aroclor Reference (S3A0930-ARC1)								Prepared & Analyzed: 01/09/2023			
Surrogate: Tetrachloro-m-xylene	*0.209*		*ug/mL*	*0.200*		*104*					
Surrogate: Decachlorobiphenyl	*0.225*		*"*	*0.200*		*112*					

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S3A1114 - BA30359											
Aroclor Reference (S3A1114-ARC1)											Prepared & Analyzed: 01/10/2023
Surrogate: Tetrachloro-m-xylene	*0.215*		*ug/mL*	*0.200*		*108*					
Surrogate: Decachlorobiphenyl	*0.186*		*"*	*0.200*		*93.0*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Blank (BA30383-BLK1)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.0717	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA30383-BS1)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Aluminum	1.48		ug/mL	2.00		73.9	80-120	Low Bias			
Barium	1.80		"	2.00		90.2	80-120				
Calcium	0.885		"	1.00		88.5	80-120				
Chromium	0.172		"	0.200		86.0	80-120				
Cobalt	0.460		"	0.500		92.0	80-120				
Copper	0.226		"	0.250		90.3	80-120				
Iron	0.873		"	1.00		87.3	80-120				
Lead	0.446		"	0.500		89.2	80-120				
Magnesium	0.849		"	1.00		84.9	80-120				
Manganese	0.445		"	0.500		89.1	80-120				
Nickel	0.449		"	0.500		89.7	80-120				
Potassium	0.876		"	1.00		87.6	80-120				
Silver	0.0445		"	0.0500		89.1	80-120				
Sodium	0.830		"	1.00		83.0	80-120				
Vanadium	0.431		"	0.500		86.2	80-120				
Zinc	0.448		"	0.500		89.6	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Duplicate (BA30383-DUP1)	*Source sample: 23A0356-08 (MW-1 Dup)								Prepared: 01/10/2023 Analyzed: 01/11/2023		
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	0.178	0.0278	"		0.193				7.70	20	
Calcium	107	0.0556	"		110				2.08	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	7.67	0.278	"		8.25				7.21	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	23.2	0.0556	"		24.9				7.23	20	
Manganese	2.93	0.00556	"		3.15				7.01	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	2.20	0.0556	"		2.26				2.81	20	
Silver	ND	0.00556	"		ND					20	
Sodium	49.3	0.556	"		50.5				2.33	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BA30383-MS1)	*Source sample: 23A0356-08 (MW-1 Dup)								Prepared: 01/10/2023 Analyzed: 01/11/2023		
Aluminum	1.78	0.0556	mg/L	2.22	ND	80.2	75-125				
Barium	2.12	0.0278	"	2.22	0.193	86.7	75-125				
Calcium	106	0.0556	"	1.11	110	NR	75-125	Low Bias			
Chromium	0.188	0.00556	"	0.222	ND	84.4	75-125				
Cobalt	0.481	0.00444	"	0.556	ND	86.5	75-125				
Copper	0.239	0.0222	"	0.278	ND	86.1	75-125				
Iron	8.77	0.278	"	1.11	8.25	47.3	75-125	Low Bias			
Lead	0.449	0.00556	"	0.556	ND	80.7	75-125				
Magnesium	24.3	0.0556	"	1.11	24.9	NR	75-125	Low Bias			
Manganese	3.40	0.00556	"	0.556	3.15	46.2	75-125	Low Bias			
Nickel	0.477	0.0111	"	0.556	ND	85.9	75-125				
Potassium	3.02	0.0556	"	1.11	2.26	68.1	75-125	Low Bias			
Silver	0.0465	0.00556	"	0.0556	ND	83.6	75-125				
Sodium	49.6	0.556	"	1.11	50.5	NR	75-125	Low Bias			
Vanadium	0.476	0.0111	"	0.556	ND	85.6	75-125				
Zinc	0.484	0.0278	"	0.556	ND	87.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Post Spike (BA30383-PS1)	*Source sample: 23A0356-08 (MW-1 Dup)							Prepared: 01/10/2023 Analyzed: 01/11/2023			
Aluminum	1.60		ug/mL	2.00	0.0236	78.9	75-125				
Barium	1.90		"	2.00	0.173	86.5	75-125				
Calcium	95.9		"	1.00	98.6	NR	75-125	Low Bias			
Chromium	0.168		"	0.200	0.000546	83.7	75-125				
Cobalt	0.436		"	0.500	0.00389	86.4	75-125				
Copper	0.216		"	0.250	0.00360	84.8	75-125				
Iron	7.70		"	1.00	7.42	27.9	75-125	Low Bias			
Lead	0.413		"	0.500	-0.00395	82.5	75-125				
Magnesium	21.3		"	1.00	22.4	NR	75-125	Low Bias			
Manganese	2.99		"	0.500	2.83	32.1	75-125	Low Bias			
Nickel	0.435		"	0.500	0.00291	86.4	75-125				
Potassium	2.71		"	1.00	2.03	68.0	75-125	Low Bias			
Silver	0.0410		"	0.0500	0.000745	80.5	75-125				
Sodium	44.4		"	1.00	45.4	NR	75-125	Low Bias			
Vanadium	0.429		"	0.500	-0.000533	85.7	75-125				
Zinc	0.440		"	0.500	0.0223	83.5	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30323 - EPA 3015A											
Blank (BA30323-BLK1)										Prepared: 01/09/2023 Analyzed: 01/11/2023	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BA30323-BS1)										Prepared: 01/09/2023 Analyzed: 01/11/2023	
Antimony	48.8		ug/L	50.0		97.7	80-120				
Arsenic	49.4		"	50.0		98.9	80-120				
Beryllium	51.5		"	50.0		103	80-120				
Cadmium	49.3		"	50.0		98.6	80-120				
Selenium	59.5		"	50.0		119	80-120				
Thallium	52.2		"	50.0		104	80-120				
Duplicate (BA30323-DUP1)	*Source sample: 23A0372-03 (Duplicate)									Prepared: 01/09/2023 Analyzed: 01/11/2023	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	1.96	1.11	"		5.22				90.7	20	Non-dir.
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA30323-MS1)	*Source sample: 23A0372-03 (Matrix Spike)									Prepared: 01/09/2023 Analyzed: 01/11/2023	
Antimony	48.4		ug/L	50.0	0.008	96.8	75-125				
Arsenic	50.2		"	50.0	0.00002	100	75-125				
Beryllium	48.6		"	50.0	0.004	97.2	75-125				
Cadmium	48.3		"	50.0	0.0006	96.7	75-125				
Selenium	58.7		"	50.0	4.70	108	75-125				
Thallium	51.5		"	50.0	-0.004	103	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30626 - EPA SW846-7470A											
Blank (BA30626-BLK1)								Prepared & Analyzed: 01/13/2023			
Mercury	ND	0.0002	mg/L								
Blank (BA30626-BLK2)								Prepared & Analyzed: 01/13/2023			
Mercury	ND	0.0002	mg/L								
LCS (BA30626-BS1)								Prepared & Analyzed: 01/13/2023			
Mercury	0.0019807	0.0002	mg/L	0.00200		99.0	80-120				
LCS (BA30626-BS2)								Prepared & Analyzed: 01/13/2023			
Mercury	0.0019324	0.0002	mg/L	0.00200		96.6	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30315 - Analysis Preparation											
Blank (BA30315-BLK1)								Prepared & Analyzed: 01/09/2023			
Cyanide, total	ND	0.0100	mg/L								
Duplicate (BA30315-DUP1)	*Source sample: 23A0233-09 (Duplicate)							Prepared & Analyzed: 01/09/2023			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BA30315-MS1)	*Source sample: 23A0233-09 (Matrix Spike)							Prepared & Analyzed: 01/09/2023			
Cyanide, total	0.108	0.0100	mg/L	0.200	ND	54.0	79-105	Low Bias			
Reference (BA30315-SRM1)								Prepared & Analyzed: 01/09/2023			
Cyanide, total	0.158	0.0100	mg/L	0.200		79.0	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0356-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0356-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0356-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0356-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0356-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0356-06	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0356-07	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0356-08	MW-1 Dup	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SRD1	The serial dilution for this element was outside control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: The Trip Blank was not received by the Lab

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 23A0356

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc	Company: Same	Company: Same
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Deborah Thompson
Deborah Thompson
Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	1/5/23 0920 am	8260, 8270, TAL Metals,	(3)40ml
MW-2 *		1045 am	pesticides / PCBs, PFAs (1633)	(4)1L
MW-3		1132 am	cyanide + 1,4 dioxane	(3)250ml
MW-4		1215 pm		
MW-5		130 pm		
MW-6		210 pm		
MW-7		300 pm		
MW-1 Dup.		415 pm		
Trip Blank	O	420 pm		(3)40ml
Field Blank	I	430 pm	PFAs	(3)250

Comments: * MW-2 VOCs (8260) only. Limited sample quantity.

Samples iced/chilled at time of lab pickup? circle (Yes) or No

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	1/6/23	Client York	1-6-23 9:25	Client York	1-6-23 1405
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlackman	1/6/23 1405 3.4 Degrees C

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/22/2024
Client Project ID: Willow Brook Rentals LLC
York Project (SDG) No.: 24D0867

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Report Date: 04/22/2024
Client Project ID: Willow Brook Rentals LLC
York Project (SDG) No.: 24D0867

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 12, 2024 and listed below. The project was identified as your project: **Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24D0867-01	MW-8	Ground Water	04/11/2024	04/12/2024
24D0867-02	MW-9	Ground Water	04/11/2024	04/12/2024
24D0867-03	MW-10	Ground Water	04/11/2024	04/12/2024
24D0867-04	Trip Blank	Water	04/11/2024	04/12/2024
24D0867-05	Field Blank	Ground Water	04/11/2024	04/12/2024

General Notes for York Project (SDG) No.: 24D0867

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 04/22/2024

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **24D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	QL-02	ug/L	0.216	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**1.49**	QL-02	ug/L	0.255	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**0.650**		ug/L	0.310	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	**1,2-Dichlorobenzene**	**0.640**		ug/L	0.270	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02, CCVE	ug/L	0.283	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	**1,4-Dichlorobenzene**	**3.58**		ug/L	0.311	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:22	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **24D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	**Acetone**	**1.42**		ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	**Benzene**	**9.60**		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	**Chlorobenzene**	**91.9**		ug/L	1.42	2.50	5	EPA 8260D Certifications:	04/18/2024 08:00	04/18/2024 18:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **24D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**1.77**		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	**Ethyl Benzene**	**0.390**		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	QL-02, CCVE	ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD
98-82-8	**Isopropylbenzene**	**6.83**		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.460**		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	**Naphthalene**	**3.92**	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	**n-Butylbenzene**	**0.440**	QL-02, CCVE	ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
103-65-1	**n-Propylbenzene**	**3.53**		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-47-6	**o-Xylene**	**0.660**		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	**p- & m- Xylenes**	**0.690**		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* **p-Diethylbenzene**	**0.440**	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **24D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	**sec-Butylbenzene**	**0.490**		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-65-0	**tert-Butyl alcohol (TBA)**	**2.18**	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	**trans-1,4-dichloro-2-butene**	**4.08**		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	**Xylenes, Total**	**1.35**		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/18/2024 22:03	SKF
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/18/2024 22:03	SKF
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/18/2024 22:03	SKF
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
91-57-6	**2-Methylnaphthalene**	**3.12**	J	ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/18/2024 22:03	SKF
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/18/2024 22:03	SKF

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:03	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.2 %*	*10.1-41.7*

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **24D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.5 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*81.0 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*122 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.6 %*			*30.7-106*						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.70**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	**Acenaphthylene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	**Anthracene**	**0.140**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.680**		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**1.48**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**2.82**	B	ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**1.08**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
129-00-0	**Pyrene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 14:46	SKF
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**1.78**		ug/L	0.300	1	EPA 8270E SIM	04/15/2024 09:23	04/16/2024 15:21	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.9 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**3.49**		ng/L	0.468	1.76	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:42	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**7.17**		ng/L	0.349	1.99	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:42	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.51**	PF-CCV-L, PF-LCS-L	ng/L	0.707	1.99	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:42	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**5.20**		ng/L	0.677	1.82	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:42	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**20.3**		ng/L	0.418	1.99	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:42	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**69.7**		ng/L	0.817	1.85	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:42	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.47**	J	ng/L	0.518	1.99	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:42	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.747	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.13	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.877	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.737	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.687	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
2355-31-9	**N-MeFOSAA**	**1.86**	J	ng/L	0.787	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
2991-50-6	**N-EtFOSAA**	**18.8**		ng/L	1.03	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**5.65**		ng/L	0.229	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.877	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.55**	J	ng/L	0.906	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.06	7.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.04	7.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**24.4**		ng/L	0.329	7.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.498	3.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:42	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.13	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:42	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.249	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:42	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.369	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:42	ESJ
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.35**	J	ng/L	0.757	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.78	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.22	7.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.37	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.697	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	ADONA	ND		ng/L	0.528	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.926	1.93	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.857	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:42	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.02	4.98	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.30	24.9	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.43	24.9	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.57	1.99	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.79	1.99	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:42	ESJ

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*108 %*		*25-150*
Surrogate: M5PFHxA	*119 %*		*25-150*
Surrogate: M4PFHpA	*146 %*		*25-150*
Surrogate: M3PFHxS	*117 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*100 %*		*25-150*
Surrogate: M6PFDA	*96.2 %*		*25-150*
Surrogate: M7PFUdA	*82.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*76.1 %*		*25-150*
Surrogate: M2PFTeDA	*55.6 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*15.7 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*115 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*127 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*85.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*72.1 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*57.1 %*		*25-150*
Surrogate: M2-6:2 FTS	*452 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*108 %*		*25-200*

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M9PFNA	*107 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*666 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*71.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*47.9 %*			*25-150*						
	Surrogate: M3HFPO-DA	*104 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*48.8 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*56.2 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00202	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0101	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0101	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0101	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00404	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.101	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.202	1	EPA 8081B	04/18/2024 07:40	04/19/2024 18:47	TAH
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*48.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	**Aroclor 1232**	**0.116**		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
53469-21-9	Aroclor 1242	ND		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.116**		ug/L	0.0505	1	EPA 8082A	04/18/2024 07:40	04/19/2024 20:49	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*49.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **24D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.130**		mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.396**		mg/L	0.0278	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**138**		mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**25.8**		mg/L	0.278	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**29.9**		mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.954**		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.64**	M-CCV 1	mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**101**	M-CCV 1	mg/L	0.556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0343**		mg/L	0.0278	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.40**		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0867-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 9:00 am	04/12/2024

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	04/22/2024 08:20	04/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	04/17/2024 14:43	04/17/2024 17:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	QL-02	ug/L	0.216	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **24D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**1.51**	QL-02	ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**23.9**		ug/L	0.310	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	**1,2-Dichlorobenzene**	**0.280**		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	**1,3,5-Trimethylbenzene**	**8.93**		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	**1,4-Dichlorobenzene**	**3.42**		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	**Chlorobenzene**	**19.0**		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 14:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**30.5**		ug/L	0.290	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:			
98-82-8	**Isopropylbenzene**	**3.23**		ug/L	0.405	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.27**		ug/L	0.244	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**2.80**	B	ug/L	0.212	2.00	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
104-51-8	**n-Butylbenzene**	**4.96**	CCVE, QL-02	ug/L	0.399	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**7.01**		ug/L	0.384	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**16.0**		ug/L	0.261	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**140**		ug/L	2.89	5.00	5	EPA 8260D	04/18/2024 08:00	04/18/2024 19:18	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* **p-Diethylbenzene**	**1.76**	QL-02	ug/L	0.341	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:			
622-96-8	* **p-Ethyltoluene**	**15.5**		ug/L	0.200	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.530**		ug/L	0.444	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	**Styrene**	**0.470**		ug/L	0.255	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	**tert-Butyl alcohol (TBA)**	**2.56**	CCVE	ug/L	0.608	1.00	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
109-99-9	*** Tetrahydrofuran**	**0.580**		ug/L	0.485	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:			
108-88-3	**Toluene**	**13.0**		ug/L	0.346	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	**trans-1,4-dichloro-2-butene**	**4.97**		ug/L	0.283	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 14:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**155**		ug/L	4.20	7.50	5	EPA 8260D	04/18/2024 08:00	04/18/2024 19:18	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*124 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/18/2024 22:43	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SKF
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43	SKF
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/18/2024 22:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SKF

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.7 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*110 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*124 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.4 %*	*30.7-106*

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **24D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.50**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	**Acenaphthylene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	**Anthracene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.97**		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**1.03**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**2.48**	B	ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	**Phenanthrene**	**0.220**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:17	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.304**		ug/L	0.300	1	EPA 8270E SIM	04/15/2024 09:23	04/16/2024 15:39	KH
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.7 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**3.63**		ng/L	0.447	1.68	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**13.6**		ng/L	0.333	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**12.4**	PF-CCV-L, PF-LCS-L	ng/L	0.675	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**6.57**		ng/L	0.647	1.74	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**44.3**		ng/L	0.400	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**68.1**		ng/L	0.780	1.77	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.38**		ng/L	0.495	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.880**	J	ng/L	0.713	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.837	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.704	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.656	1.90	1	EPA 1633 Draft 3	04/19/2024 09:26	04/21/2024 20:58	ESJ
								Certifications: NJDEP-NY037			

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **24D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	**N-MeFOSAA**	**0.799**	J	ng/L	0.751	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
2991-50-6	**N-EtFOSAA**	**11.6**		ng/L	0.980	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**13.5**		ng/L	0.219	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.905**	J	ng/L	0.837	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.72**	J	ng/L	0.866	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**3.45**	J	ng/L	1.01	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.95	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**25.5**		ng/L	0.314	7.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.476	3.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:58	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:58	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.238	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:58	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.352	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 20:58	ESJ
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.36**	J	ng/L	0.723	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.07	7.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.666	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
919005-14-4	ADONA	ND		ng/L	0.504	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.885	1.85	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.818	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 20:58	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.76	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ
914637-49-3	*** 3-Perfluoropentyl propanoic acid (FPePA)**	**13.0**	J	ng/L	6.97	23.8	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.01	23.8	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.80	19.0	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.90	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.80	19.0	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.90	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 20:58	ESJ

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*131 %*		*25-150*
Surrogate: M5PFHxA	*136 %*		*25-150*
Surrogate: M4PFHpA	*157 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*134 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*114 %*		*25-150*
Surrogate: M6PFDA	*108 %*		*25-150*
Surrogate: M7PFUdA	*91.3 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*80.4 %*		*25-150*
Surrogate: M2PFTeDA	*50.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*69.9 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*142 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*140 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*82.8 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*74.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*66.8 %*		*25-150*
Surrogate: M2-6:2 FTS	*623 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*141 %*		*25-200*
Surrogate: M9PFNA	*115 %*		*25-150*
Surrogate: M2-4:2 FTS	*781 %*	PFSu-H	*25-150*
Surrogate: d-N-MeFOSA	*69.9 %*		*25-150*
Surrogate: d-N-EtFOSA	*49.4 %*		*25-150*
Surrogate: M3HFPO-DA	*117 %*		*25-150*
Surrogate: d9-N-EtFOSE	*48.6 %*		*25-150*
Surrogate: d7-N-MeFOSE	*59.7 %*		*25-150*

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	TAH
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	04/18/2024 07:40	04/19/2024 19:05	TAH

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.1 %*	*30-150*

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.2 %*			*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	**Aroclor 1232**	**0.121**		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.121**		ug/L	0.0500	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:15	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0680**		mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.432**		mg/L	0.0278	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**98.8**		mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24D0867-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**47.0**		mg/L	0.278	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**36.1**		mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.933**		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**9.98**	M-CCV 1	mg/L	0.0556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**223**	M-CCV 1	mg/L	0.556	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0316**		mg/L	0.0278	1	EPA 6010D	04/18/2024 08:31	04/20/2024 19:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.53**		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	04/22/2024 08:20	04/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **24D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 10:20 am	04/12/2024

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	04/17/2024 14:43	04/17/2024 17:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	QL-02	ug/L	0.216	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**0.430**	QL-02	ug/L	0.255	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**5.53**		ug/L	0.310	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	**1,3,5-Trimethylbenzene**	**1.74**		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	**1,4-Dichlorobenzene**	**1.06**		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	**Acetone**	**1.65**		ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	**Chlorobenzene**	**10.9**		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	**Ethyl Benzene**	**24.0**		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD
98-82-8	**Isopropylbenzene**	**0.760**		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.330**		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	**Naphthalene**	**0.420**	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	**n-Butylbenzene**	**0.760**	CCVE, QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	**n-Propylbenzene**	**1.47**		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	**o-Xylene**	**10.7**		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	**p- & m- Xylenes**	**93.5**		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD
622-96-8	*** p-Ethyltoluene**	**4.10**		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	**Styrene**	**0.330**		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	*** Tetrahydrofuran**	**3.01**		ug/L	0.485	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD
108-88-3	**Toluene**	**21.3**		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	**trans-1,4-dichloro-2-butene**	**1.29**		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/16/2024 08:00	04/16/2024 15:19	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**104**		ug/L	0.839	1.50	1	EPA 8260D	04/16/2024 08:00	04/16/2024 15:19	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*124 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 24D0867-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/18/2024 07:45	04/19/2024 17:07	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 24D0867-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/18/2024 07:45	04/19/2024 17:07	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*22.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*103 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*126 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*94.2 %*	*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.780**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:48	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:48	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:48	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:48	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:48	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:48	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	04/18/2024 07:45	04/19/2024 15:48	SKF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.580**		ug/L	0.500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	**Fluorene**	**0.420**		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	**Naphthalene**	**0.250**	B	ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
85-01-8	**Phenanthrene**	**0.150**		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	04/18/2024 07:45	04/19/2024 15:48	SKF CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	04/15/2024 09:23	04/16/2024 15:57	KH NJDEP-CT005,NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.4 %*	*36.6-118*

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**0.913**	J	ng/L	0.482	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**19.2**		ng/L	0.359	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**7.52**	PF-CCV-L, PF-LCS-L	ng/L	0.727	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**3.73**		ng/L	0.697	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**29.7**		ng/L	0.430	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**48.1**		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.06**		ng/L	0.533	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.768	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.16	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.902	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.758	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.707	2.05	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
2355-31-9	**N-MeFOSAA**	**1.27**	J	ng/L	0.809	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
2991-50-6	**N-EtFOSAA**	**13.5**		ng/L	1.06	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**19.8**		ng/L	0.236	4.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**1.00**	J	ng/L	0.902	2.05	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.82**	J	ng/L	0.932	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.35	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.09	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.10	7.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**16.8**		ng/L	0.338	8.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.512	3.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 21:14	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.19	4.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 21:14	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.256	4.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 21:14	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.379	4.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 21:14	ESJ
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**0.781**	J	ng/L	0.779	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.83	7.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.31	8.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.41	7.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.717	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
919005-14-4	ADONA	ND		ng/L	0.543	7.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.953	1.99	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.881	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 21:14	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.08	5.12	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.51	25.6	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.70	25.6	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.09	20.5	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.62	2.05	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.09	20.5	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.84	2.05	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 21:14	ESJ

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*107 %*		*25-150*
Surrogate: M5PFHxA	*118 %*		*25-150*
Surrogate: M4PFHpA	*153 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*111 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*97.4 %*		*25-150*
Surrogate: M6PFDA	*102 %*		*25-150*

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	*87.1 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*69.0 %*			*25-150*						
	Surrogate: M2PFTeDA	*38.2 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*64.1 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*133 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*133 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*91.3 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*73.7 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*66.0 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*440 %*	PFSu-H		*25-200*						
	Surrogate: M2-8:2 FTS	*105 %*			*25-200*						
	Surrogate: M9PFNA	*99.7 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*615 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*64.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*51.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*97.6 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*50.9 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*54.7 %*			*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 24D0867-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B	04/18/2024 07:40	04/19/2024 19:23	TAH
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	**Aroclor 1232**	**0.556**		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.556**		ug/L	0.0541	1	EPA 8082A	04/18/2024 07:40	04/19/2024 21:28	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.101**		mg/L	0.0556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.341**		mg/L	0.0278	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**110**		mg/L	0.0556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**38.6**		mg/L	0.278	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**32.1**		mg/L	0.0556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**1.36**		mg/L	0.00556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**5.82**	M-BS, M-CCV 1	mg/L	0.0556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **24D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**121**	M-BS, M-CCV 1, B	mg/L	0.556	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	04/19/2024 08:26	04/20/2024 19:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:19	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.39**		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:19	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:19	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:19	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:19	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/19/2024 08:33	04/22/2024 13:19	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	04/22/2024 08:20	04/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	04/17/2024 14:43	04/17/2024 17:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Water	April 11, 2024 3:00 pm	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND	QL-02	ug/L	0.216	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	QL-02	ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Water	April 11, 2024 3:00 pm	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE, ICVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Water	April 11, 2024 3:00 pm	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.466	0.800	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.479	0.800	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-88-4	* Iodomethane	ND	CCVE, ICVE, QL-02	ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
80-62-6	Methyl Methacrylate	ND		ug/L	0.415	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	**Methylene chloride**	**0.510**		ug/L	0.397	2.00	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
91-20-3	**Naphthalene**	**0.270**	B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
104-51-8	n-Butylbenzene	ND	CCVE, QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Water	April 11, 2024 3:00 pm	04/12/2024

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.16	8.00	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.511	0.800	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	* Tetrahydrofuran	ND		ug/L	0.485	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	04/15/2024 03:00	04/16/2024 07:22	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.445	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.332	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-CCV-L	ng/L	0.673	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.644	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.398	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.777	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.493	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.710	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.834	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.701	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.654	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.748	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.976	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.218	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.834	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.862	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.00	7.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.541**	J	ng/L	0.313	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.474	3.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 22:03	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 22:03	ESJ

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.237	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 22:03	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.350	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	04/19/2024 09:26	04/21/2024 22:03	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.720	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.663	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
919005-14-4	ADONA	ND		ng/L	0.502	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.881	1.84	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.815	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	04/19/2024 09:26	04/21/2024 22:03	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.74	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.94	23.7	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.97	23.7	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.89	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3 Certifications:	04/19/2024 09:26	04/21/2024 22:03	ESJ

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*112 %*		*25-150*
Surrogate: M5PFHxA	*94.4 %*		*25-150*
Surrogate: M4PFHpA	*166 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*112 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*83.8 %*		*25-150*
Surrogate: M6PFDA	*96.6 %*		*25-150*
Surrogate: M7PFUdA	*82.3 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*57.3 %*		*25-150*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0867	Willow Brook Rentals LLC	Ground Water	April 11, 2024 11:30 am	04/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2PFTeDA	*46.3 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.46 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*97.1 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*51.1 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*89.6 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*83.6 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*69.9 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*138 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*107 %*			*25-200*						
	Surrogate: M9PFNA	*90.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*116 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*71.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*57.8 %*			*25-150*						
	Surrogate: M3HFPO-DA	*90.4 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*46.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*50.5 %*			*25-150*						

Analytical Batch Summary

Batch ID: BD41130 **Preparation Method:** EPA 3535A **Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/15/24
24D0867-02	MW-9	04/15/24
24D0867-03	MW-10	04/15/24
BD41130-BLK1	Blank	04/15/24
BD41130-BS1	LCS	04/15/24
BD41130-MS1	Matrix Spike	04/15/24
BD41130-MSD1	Matrix Spike Dup	04/15/24

Batch ID: BD41176 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-04	Trip Blank	04/15/24
BD41176-BLK1	Blank	04/15/24
BD41176-BS1	LCS	04/15/24
BD41176-BSD1	LCS Dup	04/15/24

Batch ID: BD41230 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/16/24
24D0867-02	MW-9	04/16/24
24D0867-03	MW-10	04/16/24
BD41230-BLK1	Blank	04/16/24
BD41230-BS1	LCS	04/16/24
BD41230-BSD1	LCS Dup	04/16/24

Batch ID: BD41372 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/17/24
24D0867-02	MW-9	04/17/24
24D0867-03	MW-10	04/17/24
BD41372-BLK1	Blank	04/17/24
BD41372-BS1	LCS	04/17/24
BD41372-DUP1	Duplicate	04/17/24
BD41372-MS1	Matrix Spike	04/17/24
BD41372-MSD1	Matrix Spike Dup	04/17/24

Batch ID: BD41412 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/18/24
24D0867-02	MW-9	04/18/24

24D0867-03	MW-10	04/18/24
BD41412-BLK1	Blank	04/18/24
BD41412-BLK2	Blank	04/18/24
BD41412-BS1	LCS	04/18/24
BD41412-BS2	LCS	04/18/24
BD41412-BSD1	LCS Dup	04/18/24

Batch ID: BD41421 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/18/24
24D0867-02	MW-9	04/18/24
BD41421-BLK1	Blank	04/18/24
BD41421-BS1	LCS	04/18/24
BD41421-DUP1	Duplicate	04/18/24
BD41421-MS1	Matrix Spike	04/18/24
BD41421-PS1	Post Spike	04/18/24

Batch ID: BD41426 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/18/24
24D0867-01	MW-8	04/18/24
24D0867-02	MW-9	04/18/24
24D0867-02	MW-9	04/18/24
24D0867-03	MW-10	04/18/24
24D0867-03	MW-10	04/18/24
BD41426-BLK1	Blank	04/18/24
BD41426-BLK2	Blank	04/18/24
BD41426-BS1	LCS	04/18/24
BD41426-BS2	LCS	04/18/24
BD41426-BSD1	LCS Dup	04/18/24
BD41426-BSD2	LCS Dup	04/18/24

Batch ID: BD41433 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01RE1	MW-8	04/18/24
24D0867-02RE1	MW-9	04/18/24
BD41433-BLK1	Blank	04/18/24
BD41433-BS1	LCS	04/18/24
BD41433-BSD1	LCS Dup	04/18/24

Batch ID: BD41517 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-03	MW-10	04/19/24
BD41517-BLK1	Blank	04/19/24
BD41517-BS1	LCS	04/19/24

BD41517-DUP1	Duplicate	04/19/24
BD41517-MS1	Matrix Spike	04/19/24
BD41517-PS1	Post Spike	04/19/24

Batch ID: BD41518 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/19/24
24D0867-02	MW-9	04/19/24
24D0867-03	MW-10	04/19/24
BD41518-BLK1	Blank	04/19/24
BD41518-BS1	LCS	04/19/24
BD41518-DUP1	Duplicate	04/19/24
BD41518-MS1	Matrix Spike	04/19/24

Batch ID: BD41531 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/19/24
24D0867-02	MW-9	04/19/24
24D0867-03	MW-10	04/19/24
24D0867-05	Field Blank	04/19/24
BD41531-BLK1	Blank	04/19/24
BD41531-BS1	LCS	04/19/24
BD41531-BS2	LCS	04/19/24
BD41531-DUP1	Duplicate	04/19/24

Batch ID: BD41627 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24D0867-01	MW-8	04/22/24
24D0867-02	MW-9	04/22/24
24D0867-03	MW-10	04/22/24
BD41627-BLK1	Blank	04/22/24
BD41627-BLK2	Blank	04/22/24
BD41627-BS1	LCS	04/22/24
BD41627-BS2	LCS	04/22/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41176 - EPA 5030B											
Blank (BD41176-BLK1)											Prepared & Analyzed: 04/15/2024
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41176 - EPA 5030B											
Blank (BD41176-BLK1)											Prepared & Analyzed: 04/15/2024
Dichlorodifluoromethane	ND	0.500	ug/L								
Diisopropyl ether (DIPE)	ND	0.800	"								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	0.670	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		"	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.79*		"	*10.0*		*97.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41176 - EPA 5030B											
LCS (BD41176-BS1)								Prepared & Analyzed: 04/15/2024			
1,1,1,2-Tetrachloroethane	8.44		ug/L	10.0		84.4	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42		"	10.0		94.2	54-165				
1,1,2-Trichloroethane	9.35		"	10.0		93.5	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,1-Dichloropropylene	10.2		"	10.0		102	83-133				
1,2,3-Trichlorobenzene	8.75		"	10.0		87.5	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4,5-Tetramethylbenzene	8.71		"	10.0		87.1	85-140				
1,2,4-Trichlorobenzene	8.78		"	10.0		87.8	76-137				
1,2,4-Trimethylbenzene	9.58		"	10.0		95.8	82-132				
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147				
1,2-Dibromoethane	10.0		"	10.0		100	83-124				
1,2-Dichlorobenzene	9.12		"	10.0		91.2	79-123				
1,2-Dichloroethane	13.0		"	10.0		130	73-132				
1,2-Dichloropropane	9.84		"	10.0		98.4	78-126				
1,3,5-Trimethylbenzene	9.45		"	10.0		94.5	80-131				
1,3-Dichlorobenzene	7.27		"	10.0		72.7	86-122	Low Bias			
1,3-Dichloropropane	10.0		"	10.0		100	81-125				
1,4-Dichlorobenzene	9.07		"	10.0		90.7	85-124				
1,4-Dioxane	191		"	210		91.0	10-349				
2,2-Dichloropropane	11.1		"	10.0		111	56-150				
2-Butanone	8.09		"	10.0		80.9	49-152				
2-Chlorotoluene	9.88		"	10.0		98.8	79-130				
2-Hexanone	10.1		"	10.0		101	51-146				
4-Chlorotoluene	9.87		"	10.0		98.7	79-128				
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145				
Acetone	6.81		"	10.0		68.1	14-150				
Acrolein	7.39		"	10.0		73.9	10-153				
Acrylonitrile	10.1		"	10.0		101	51-150				
Benzene	9.92		"	10.0		99.2	85-126				
Bromobenzene	9.81		"	10.0		98.1	78-129				
Bromochloromethane	11.2		"	10.0		112	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	9.47		"	10.0		94.7	78-133				
Bromomethane	6.66		"	10.0		66.6	43-168				
Carbon disulfide	8.49		"	10.0		84.9	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	9.04		"	10.0		90.4	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	9.14		"	10.0		91.4	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Cyclohexane	9.75		"	10.0		97.5	63-149				
Dibromochloromethane	9.38		"	10.0		93.8	80-130				
Dibromomethane	9.92		"	10.0		99.2	72-134				
Dichlorodifluoromethane	11.4		"	10.0		114	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41176 - EPA 5030B											
LCS (BD41176-BS1)								Prepared & Analyzed: 04/15/2024			
Diisopropyl ether (DIPE)	11.7		ug/L	10.0		117	70-130				
Ethyl Benzene	9.88		"	10.0		98.8	80-131				
Ethyl tert-butyl ether (ETBE)	11.6		"	10.0		116	70-130				
Hexachlorobutadiene	8.77		"	10.0		87.7	67-146				
Iodomethane	5.04		"	10.0		50.4	70-130	Low Bias			
Isopropylbenzene	9.86		"	10.0		98.6	76-140				
Methyl acetate	9.62		"	10.0		96.2	51-139				
Methyl Methacrylate	9.76		"	10.0		97.6	72-132				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135				
Methylcyclohexane	8.54		"	10.0		85.4	72-143				
Methylene chloride	9.82		"	10.0		98.2	55-137				
Naphthalene	9.49		"	10.0		94.9	70-147				
n-Butylbenzene	7.40		"	10.0		74.0	79-132	Low Bias			
n-Propylbenzene	9.56		"	10.0		95.6	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	20.7		"	20.0		103	77-133				
p-Diethylbenzene	8.57		"	10.0		85.7	84-134				
p-Ethyltoluene	9.96		"	10.0		99.6	88-129				
p-Isopropyltoluene	9.03		"	10.0		90.3	81-136				
sec-Butylbenzene	8.95		"	10.0		89.5	79-137				
Styrene	9.44		"	10.0		94.4	67-132				
tert-Amyl alcohol (TAA)	121		"	100		121	70-130				
tert-Amyl methyl ether (TAME)	11.0		"	10.0		110	70-130				
tert-Butyl alcohol (TBA)	57.9		"	50.0		116	25-162				
tert-Butylbenzene	9.53		"	10.0		95.3	77-138				
Tetrachloroethylene	3.74		"	10.0		37.4	82-131	Low Bias			
Tetrahydrofuran	10.1		"	10.0		101	36-166				
Toluene	9.55		"	10.0		95.5	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131				
trans-1,4-dichloro-2-butene	10.4		"	10.0		104	63-141				
Trichloroethylene	8.81		"	10.0		88.1	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl acetate	11.9		"	10.0		119	21-90	High Bias			
Vinyl Chloride	8.62		"	10.0		86.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.0*		*"*	*10.0*		*120*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41176 - EPA 5030B											
LCS Dup (BD41176-BSD1)								Prepared & Analyzed: 04/15/2024			
1,1,1,2-Tetrachloroethane	7.76		ug/L	10.0		77.6	82-126	Low Bias	8.40	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		11.1	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		4.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.35		"	10.0		83.5	54-165		12.0	30	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	82-123		5.49	30	
1,1-Dichloroethane	9.59		"	10.0		95.9	82-129		10.3	30	
1,1-Dichloroethylene	9.28		"	10.0		92.8	68-138		12.2	30	
1,1-Dichloropropylene	9.20		"	10.0		92.0	83-133		10.6	30	
1,2,3-Trichlorobenzene	8.15		"	10.0		81.5	76-136		7.10	30	
1,2,3-Trichloropropane	9.80		"	10.0		98.0	77-128		4.39	30	
1,2,4,5-Tetramethylbenzene	8.07		"	10.0		80.7	85-140	Low Bias	7.63	30	
1,2,4-Trichlorobenzene	8.29		"	10.0		82.9	76-137		5.74	30	
1,2,4-Trimethylbenzene	8.78		"	10.0		87.8	82-132		8.71	30	
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105	45-147		4.94	30	
1,2-Dibromoethane	9.46		"	10.0		94.6	83-124		5.75	30	
1,2-Dichlorobenzene	8.54		"	10.0		85.4	79-123		6.57	30	
1,2-Dichloroethane	12.1		"	10.0		121	73-132		7.09	30	
1,2-Dichloropropane	9.22		"	10.0		92.2	78-126		6.51	30	
1,3,5-Trimethylbenzene	8.58		"	10.0		85.8	80-131		9.65	30	
1,3-Dichlorobenzene	6.69		"	10.0		66.9	86-122	Low Bias	8.31	30	
1,3-Dichloropropane	9.55		"	10.0		95.5	81-125		4.80	30	
1,4-Dichlorobenzene	8.40		"	10.0		84.0	85-124	Low Bias	7.67	30	
1,4-Dioxane	179		"	210		85.3	10-349		6.51	30	
2,2-Dichloropropane	9.90		"	10.0		99.0	56-150		11.2	30	
2-Butanone	7.71		"	10.0		77.1	49-152		4.81	30	
2-Chlorotoluene	9.02		"	10.0		90.2	79-130		9.10	30	
2-Hexanone	9.20		"	10.0		92.0	51-146		8.93	30	
4-Chlorotoluene	9.02		"	10.0		90.2	79-128		9.00	30	
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145		4.90	30	
Acetone	6.45		"	10.0		64.5	14-150		5.43	30	
Acrolein	7.38		"	10.0		73.8	10-153		0.135	30	
Acrylonitrile	9.37		"	10.0		93.7	51-150		7.20	30	
Benzene	8.98		"	10.0		89.8	85-126		9.95	30	
Bromobenzene	9.22		"	10.0		92.2	78-129		6.20	30	
Bromochloromethane	10.3		"	10.0		103	77-128		8.39	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		5.29	30	
Bromoform	8.80		"	10.0		88.0	78-133		7.33	30	
Bromomethane	6.42		"	10.0		64.2	43-168		3.67	30	
Carbon disulfide	7.50		"	10.0		75.0	68-146		12.4	30	
Carbon tetrachloride	8.95		"	10.0		89.5	77-141		11.1	30	
Chlorobenzene	9.38		"	10.0		93.8	88-120		9.64	30	
Chloroethane	8.09		"	10.0		80.9	65-136		11.1	30	
Chloroform	10.1		"	10.0		101	82-128		8.69	30	
Chloromethane	7.79		"	10.0		77.9	43-155		15.9	30	
cis-1,2-Dichloroethylene	9.91		"	10.0		99.1	83-129		9.97	30	
cis-1,3-Dichloropropylene	9.32		"	10.0		93.2	80-131		7.14	30	
Cyclohexane	8.66		"	10.0		86.6	63-149		11.8	30	
Dibromochloromethane	8.72		"	10.0		87.2	80-130		7.29	30	
Dibromomethane	9.50		"	10.0		95.0	72-134		4.33	30	
Dichlorodifluoromethane	9.89		"	10.0		98.9	44-144		14.1	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41176 - EPA 5030B											
LCS Dup (BD41176-BSD1)								Prepared & Analyzed: 04/15/2024			
Diisopropyl ether (DIPE)	10.9		ug/L	10.0		109	70-130		7.27	30	
Ethyl Benzene	8.96		"	10.0		89.6	80-131		9.77	30	
Ethyl tert-butyl ether (ETBE)	10.9		"	10.0		109	70-130		6.40	30	
Hexachlorobutadiene	7.95		"	10.0		79.5	67-146		9.81	30	
Iodomethane	4.99		"	10.0		49.9	70-130	Low Bias	0.997	30	
Isopropylbenzene	9.03		"	10.0		90.3	76-140		8.79	30	
Methyl acetate	8.89		"	10.0		88.9	51-139		7.89	30	
Methyl Methacrylate	9.14		"	10.0		91.4	72-132		6.56	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		5.27	30	
Methylcyclohexane	7.66		"	10.0		76.6	72-143		10.9	30	
Methylene chloride	9.05		"	10.0		90.5	55-137		8.16	30	
Naphthalene	8.99		"	10.0		89.9	70-147		5.41	30	
n-Butylbenzene	6.52		"	10.0		65.2	79-132	Low Bias	12.6	30	
n-Propylbenzene	8.66		"	10.0		86.6	78-133		9.88	30	
o-Xylene	9.11		"	10.0		91.1	78-130		10.3	30	
p- & m- Xylenes	18.5		"	20.0		92.6	77-133		11.0	30	
p-Diethylbenzene	7.76		"	10.0		77.6	84-134	Low Bias	9.92	30	
p-Ethyltoluene	9.02		"	10.0		90.2	88-129		9.91	30	
p-Isopropyltoluene	8.13		"	10.0		81.3	81-136		10.5	30	
sec-Butylbenzene	8.10		"	10.0		81.0	79-137		9.97	30	
Styrene	8.53		"	10.0		85.3	67-132		10.1	30	
tert-Amyl alcohol (TAA)	111		"	100		111	70-130		8.63	30	
tert-Amyl methyl ether (TAME)	10.3		"	10.0		103	70-130		6.49	30	
tert-Butyl alcohol (TBA)	53.8		"	50.0		108	25-162		7.41	30	
tert-Butylbenzene	8.62		"	10.0		86.2	77-138		10.0	30	
Tetrachloroethylene	3.40		"	10.0		34.0	82-131	Low Bias	9.52	30	
Tetrahydrofuran	9.04		"	10.0		90.4	36-166		10.9	30	
Toluene	8.73		"	10.0		87.3	80-127		8.97	30	
trans-1,2-Dichloroethylene	9.55		"	10.0		95.5	80-132		10.2	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		6.30	30	
trans-1,4-dichloro-2-butene	9.58		"	10.0		95.8	63-141		7.73	30	
Trichloroethylene	8.05		"	10.0		80.5	82-128	Low Bias	9.02	30	
Trichlorofluoromethane	9.59		"	10.0		95.9	67-139		10.4	30	
Vinyl acetate	11.1		"	10.0		111	21-90	High Bias	7.05	30	
Vinyl Chloride	7.68		"	10.0		76.8	58-145		11.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41230 - EPA 5030B											
Blank (BD41230-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								

Prepared & Analyzed: 04/16/2024

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41230 - EPA 5030B											
Blank (BD41230-BLK1)									Prepared & Analyzed: 04/16/2024		
Diisopropyl ether (DIPE)	ND	0.800	ug/L								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	0.280	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.0*		*"*	*10.0*		*120*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41230 - EPA 5030B											
LCS (BD41230-BS1)								Prepared & Analyzed: 04/16/2024			
1,1,1,2-Tetrachloroethane	7.86		ug/L	10.0		78.6	82-126	Low Bias			
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	54-165				
1,1,2-Trichloroethane	8.89		"	10.0		88.9	82-123				
1,1-Dichloroethane	9.99		"	10.0		99.9	82-129				
1,1-Dichloroethylene	9.90		"	10.0		99.0	68-138				
1,1-Dichloropropylene	9.85		"	10.0		98.5	83-133				
1,2,3-Trichlorobenzene	8.54		"	10.0		85.4	76-136				
1,2,3-Trichloropropane	9.97		"	10.0		99.7	77-128				
1,2,4,5-Tetramethylbenzene	8.37		"	10.0		83.7	85-140	Low Bias			
1,2,4-Trichlorobenzene	8.58		"	10.0		85.8	76-137				
1,2,4-Trimethylbenzene	9.10		"	10.0		91.0	82-132				
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147				
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124				
1,2-Dichlorobenzene	8.68		"	10.0		86.8	79-123				
1,2-Dichloroethane	12.6		"	10.0		126	73-132				
1,2-Dichloropropane	9.12		"	10.0		91.2	78-126				
1,3,5-Trimethylbenzene	9.03		"	10.0		90.3	80-131				
1,3-Dichlorobenzene	6.91		"	10.0		69.1	86-122	Low Bias			
1,3-Dichloropropane	9.44		"	10.0		94.4	81-125				
1,4-Dichlorobenzene	8.70		"	10.0		87.0	85-124				
1,4-Dioxane	197		"	210		93.8	10-349				
2,2-Dichloropropane	12.1		"	10.0		121	56-150				
2-Butanone	8.33		"	10.0		83.3	49-152				
2-Chlorotoluene	9.28		"	10.0		92.8	79-130				
2-Hexanone	9.62		"	10.0		96.2	51-146				
4-Chlorotoluene	9.28		"	10.0		92.8	79-128				
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145				
Acetone	6.64		"	10.0		66.4	14-150				
Acrolein	9.35		"	10.0		93.5	10-153				
Acrylonitrile	9.73		"	10.0		97.3	51-150				
Benzene	9.25		"	10.0		92.5	85-126				
Bromobenzene	9.22		"	10.0		92.2	78-129				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	10.0		"	10.0		100	79-128				
Bromoform	9.00		"	10.0		90.0	78-133				
Bromomethane	5.53		"	10.0		55.3	43-168				
Carbon disulfide	8.08		"	10.0		80.8	68-146				
Carbon tetrachloride	9.59		"	10.0		95.9	77-141				
Chlorobenzene	9.57		"	10.0		95.7	88-120				
Chloroethane	8.73		"	10.0		87.3	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	8.61		"	10.0		86.1	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	9.41		"	10.0		94.1	80-131				
Cyclohexane	9.36		"	10.0		93.6	63-149				
Dibromochloromethane	8.78		"	10.0		87.8	80-130				
Dibromomethane	9.50		"	10.0		95.0	72-134				
Dichlorodifluoromethane	10.2		"	10.0		102	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41230 - EPA 5030B											
LCS (BD41230-BS1)								Prepared & Analyzed: 04/16/2024			
Diisopropyl ether (DIPE)	11.2		ug/L	10.0		112	70-130				
Ethyl Benzene	9.25		"	10.0		92.5	80-131				
Ethyl tert-butyl ether (ETBE)	11.2		"	10.0		112	70-130				
Hexachlorobutadiene	8.89		"	10.0		88.9	67-146				
Iodomethane	3.99		"	10.0		39.9	70-130	Low Bias			
Isopropylbenzene	9.38		"	10.0		93.8	76-140				
Methyl acetate	9.97		"	10.0		99.7	51-139				
Methyl Methacrylate	9.32		"	10.0		93.2	72-132				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylcyclohexane	8.28		"	10.0		82.8	72-143				
Methylene chloride	9.57		"	10.0		95.7	55-137				
Naphthalene	8.59		"	10.0		85.9	70-147				
n-Butylbenzene	7.26		"	10.0		72.6	79-132	Low Bias			
n-Propylbenzene	9.19		"	10.0		91.9	78-133				
o-Xylene	9.37		"	10.0		93.7	78-130				
p- & m- Xylenes	19.4		"	20.0		96.9	77-133				
p-Diethylbenzene	8.34		"	10.0		83.4	84-134	Low Bias			
p-Ethyltoluene	9.51		"	10.0		95.1	88-129				
p-Isopropyltoluene	8.67		"	10.0		86.7	81-136				
sec-Butylbenzene	8.75		"	10.0		87.5	79-137				
Styrene	8.75		"	10.0		87.5	67-132				
tert-Amyl alcohol (TAA)	119		"	100		119	70-130				
tert-Amyl methyl ether (TAME)	10.7		"	10.0		107	70-130				
tert-Butyl alcohol (TBA)	57.6		"	50.0		115	25-162				
tert-Butylbenzene	9.07		"	10.0		90.7	77-138				
Tetrachloroethylene	3.58		"	10.0		35.8	82-131	Low Bias			
Tetrahydrofuran	9.96		"	10.0		99.6	36-166				
Toluene	8.83		"	10.0		88.3	80-127				
trans-1,2-Dichloroethylene	9.94		"	10.0		99.4	80-132				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131				
trans-1,4-dichloro-2-butene	9.79		"	10.0		97.9	63-141				
Trichloroethylene	8.28		"	10.0		82.8	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl acetate	11.4		"	10.0		114	21-90	High Bias			
Vinyl Chloride	8.49		"	10.0		84.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.1*		*"*	*10.0*		*121*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41230 - EPA 5030B											
LCS Dup (BD41230-BSD1)								Prepared & Analyzed: 04/16/2024			
1,1,1,2-Tetrachloroethane	8.20		ug/L	10.0		82.0	82-126		4.23	30	
1,1,1-Trichloroethane	12.0		"	10.0		120	78-136		6.74	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		0.0969	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	54-165		7.48	30	
1,1,2-Trichloroethane	9.15		"	10.0		91.5	82-123		2.88	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		5.36	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		6.17	30	
1,1-Dichloropropylene	10.4		"	10.0		104	83-133		5.72	30	
1,2,3-Trichlorobenzene	9.34		"	10.0		93.4	76-136		8.95	30	
1,2,3-Trichloropropane	9.97		"	10.0		99.7	77-128		0.00	30	
1,2,4,5-Tetramethylbenzene	8.77		"	10.0		87.7	85-140		4.67	30	
1,2,4-Trichlorobenzene	9.18		"	10.0		91.8	76-137		6.76	30	
1,2,4-Trimethylbenzene	9.51		"	10.0		95.1	82-132		4.41	30	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147		2.02	30	
1,2-Dibromoethane	9.80		"	10.0		98.0	83-124		1.96	30	
1,2-Dichlorobenzene	8.92		"	10.0		89.2	79-123		2.73	30	
1,2-Dichloroethane	12.7		"	10.0		127	73-132		1.42	30	
1,2-Dichloropropane	9.54		"	10.0		95.4	78-126		4.50	30	
1,3,5-Trimethylbenzene	9.46		"	10.0		94.6	80-131		4.65	30	
1,3-Dichlorobenzene	7.12		"	10.0		71.2	86-122	Low Bias	2.99	30	
1,3-Dichloropropane	9.75		"	10.0		97.5	81-125		3.23	30	
1,4-Dichlorobenzene	8.94		"	10.0		89.4	85-124		2.72	30	
1,4-Dioxane	192		"	210		91.3	10-349		2.76	30	
2,2-Dichloropropane	12.6		"	10.0		126	56-150		3.65	30	
2-Butanone	8.31		"	10.0		83.1	49-152		0.240	30	
2-Chlorotoluene	9.62		"	10.0		96.2	79-130		3.60	30	
2-Hexanone	9.73		"	10.0		97.3	51-146		1.14	30	
4-Chlorotoluene	9.61		"	10.0		96.1	79-128		3.49	30	
4-Methyl-2-pentanone	10.5		"	10.0		105	57-145		0.382	30	
Acetone	6.54		"	10.0		65.4	14-150		1.52	30	
Acrolein	9.24		"	10.0		92.4	10-153		1.18	30	
Acrylonitrile	10.0		"	10.0		100	51-150		3.14	30	
Benzene	9.78		"	10.0		97.8	85-126		5.57	30	
Bromobenzene	9.44		"	10.0		94.4	78-129		2.36	30	
Bromochloromethane	11.0		"	10.0		110	77-128		3.52	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		4.01	30	
Bromoform	9.14		"	10.0		91.4	78-133		1.54	30	
Bromomethane	6.89		"	10.0		68.9	43-168		21.9	30	
Carbon disulfide	8.57		"	10.0		85.7	68-146		5.89	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		7.82	30	
Chlorobenzene	10.0		"	10.0		100	88-120		4.89	30	
Chloroethane	9.33		"	10.0		93.3	65-136		6.64	30	
Chloroform	11.0		"	10.0		110	82-128		4.55	30	
Chloromethane	9.08		"	10.0		90.8	43-155		5.31	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		4.28	30	
cis-1,3-Dichloropropylene	9.88		"	10.0		98.8	80-131		4.87	30	
Cyclohexane	10.2		"	10.0		102	63-149		8.20	30	
Dibromochloromethane	9.07		"	10.0		90.7	80-130		3.25	30	
Dibromomethane	9.76		"	10.0		97.6	72-134		2.70	30	
Dichlorodifluoromethane	11.0		"	10.0		110	44-144		7.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41230 - EPA 5030B											
LCS Dup (BD41230-BSD1)								Prepared & Analyzed: 04/16/2024			
Diisopropyl ether (DIPE)	11.5		ug/L	10.0		115	70-130		3.00	30	
Ethyl Benzene	9.83		"	10.0		98.3	80-131		6.08	30	
Ethyl tert-butyl ether (ETBE)	11.5		"	10.0		115	70-130		2.73	30	
Hexachlorobutadiene	9.68		"	10.0		96.8	67-146		8.51	30	
Iodomethane	5.06		"	10.0		50.6	70-130	Low Bias	23.6	30	
Isopropylbenzene	9.90		"	10.0		99.0	76-140		5.39	30	
Methyl acetate	10.0		"	10.0		100	51-139		0.500	30	
Methyl Methacrylate	9.41		"	10.0		94.1	72-132		0.961	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		2.69	30	
Methylcyclohexane	8.98		"	10.0		89.8	72-143		8.11	30	
Methylene chloride	9.83		"	10.0		98.3	55-137		2.68	30	
Naphthalene	9.10		"	10.0		91.0	70-147		5.77	30	
n-Butylbenzene	7.82		"	10.0		78.2	79-132	Low Bias	7.43	30	
n-Propylbenzene	9.72		"	10.0		97.2	78-133		5.61	30	
o-Xylene	9.86		"	10.0		98.6	78-130		5.10	30	
p- & m- Xylenes	20.5		"	20.0		102	77-133		5.62	30	
p-Diethylbenzene	8.96		"	10.0		89.6	84-134		7.17	30	
p-Ethyltoluene	10.0		"	10.0		100	88-129		5.02	30	
p-Isopropyltoluene	9.26		"	10.0		92.6	81-136		6.58	30	
sec-Butylbenzene	9.33		"	10.0		93.3	79-137		6.42	30	
Styrene	9.16		"	10.0		91.6	67-132		4.58	30	
tert-Amyl alcohol (TAA)	124		"	100		124	70-130		3.94	30	
tert-Amyl methyl ether (TAME)	11.0		"	10.0		110	70-130		2.86	30	
tert-Butyl alcohol (TBA)	58.5		"	50.0		117	25-162		1.41	30	
tert-Butylbenzene	9.63		"	10.0		96.3	77-138		5.99	30	
Tetrachloroethylene	3.84		"	10.0		38.4	82-131	Low Bias	7.01	30	
Tetrahydrofuran	10.1		"	10.0		101	36-166		1.20	30	
Toluene	9.35		"	10.0		93.5	80-127		5.72	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		5.38	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131		2.11	30	
trans-1,4-dichloro-2-butene	10.0		"	10.0		100	63-141		2.42	30	
Trichloroethylene	8.67		"	10.0		86.7	82-128		4.60	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		8.30	30	
Vinyl acetate	11.8		"	10.0		118	21-90	High Bias	3.37	30	
Vinyl Chloride	9.13		"	10.0		91.3	58-145		7.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.2*		*"*	*10.0*		*122*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.54*		*"*	*10.0*		*95.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41433 - EPA 5030B											
Blank (BD41433-BLK1)									Prepared & Analyzed: 04/18/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	1.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41433 - EPA 5030B											
Blank (BD41433-BLK1)									Prepared & Analyzed: 04/18/2024		
Diisopropyl ether (DIPE)	ND	0.800	ug/L								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	0.260	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41433 - EPA 5030B											
LCS (BD41433-BS1)								Prepared & Analyzed: 04/18/2024			
1,1,1,2-Tetrachloroethane	8.89		ug/L	10.0		88.9	82-126				
1,1,1-Trichloroethane	9.35		"	10.0		93.5	78-136				
1,1,2,2-Tetrachloroethane	9.22		"	10.0		92.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	8.69		"	10.0		86.9	82-123				
1,1-Dichloroethane	8.91		"	10.0		89.1	82-129				
1,1-Dichloroethylene	10.1		"	10.0		101	68-138				
1,1-Dichloropropylene	9.46		"	10.0		94.6	83-133				
1,2,3-Trichlorobenzene	14.4		"	10.0		144	76-136	High Bias			
1,2,3-Trichloropropane	8.84		"	10.0		88.4	77-128				
1,2,4,5-Tetramethylbenzene	9.98		"	10.0		99.8	85-140				
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137				
1,2,4-Trimethylbenzene	9.45		"	10.0		94.5	82-132				
1,2-Dibromo-3-chloropropane	9.31		"	10.0		93.1	45-147				
1,2-Dibromoethane	9.08		"	10.0		90.8	83-124				
1,2-Dichlorobenzene	9.21		"	10.0		92.1	79-123				
1,2-Dichloroethane	8.90		"	10.0		89.0	73-132				
1,2-Dichloropropane	9.07		"	10.0		90.7	78-126				
1,3,5-Trimethylbenzene	9.29		"	10.0		92.9	80-131				
1,3-Dichlorobenzene	9.26		"	10.0		92.6	86-122				
1,3-Dichloropropane	8.97		"	10.0		89.7	81-125				
1,4-Dichlorobenzene	9.00		"	10.0		90.0	85-124				
1,4-Dioxane	198		"	210		94.2	10-349				
2,2-Dichloropropane	9.95		"	10.0		99.5	56-150				
2-Butanone	9.35		"	10.0		93.5	49-152				
2-Chlorotoluene	9.52		"	10.0		95.2	79-130				
2-Hexanone	8.64		"	10.0		86.4	51-146				
4-Chlorotoluene	9.25		"	10.0		92.5	79-128				
4-Methyl-2-pentanone	9.52		"	10.0		95.2	57-145				
Acetone	6.98		"	10.0		69.8	14-150				
Acrolein	11.5		"	10.0		115	10-153				
Acrylonitrile	8.84		"	10.0		88.4	51-150				
Benzene	8.90		"	10.0		89.0	85-126				
Bromobenzene	8.86		"	10.0		88.6	78-129				
Bromochloromethane	8.83		"	10.0		88.3	77-128				
Bromodichloromethane	8.91		"	10.0		89.1	79-128				
Bromoform	9.45		"	10.0		94.5	78-133				
Bromomethane	7.77		"	10.0		77.7	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	9.92		"	10.0		99.2	77-141				
Chlorobenzene	9.44		"	10.0		94.4	88-120				
Chloroethane	9.67		"	10.0		96.7	65-136				
Chloroform	8.90		"	10.0		89.0	82-128				
Chloromethane	9.87		"	10.0		98.7	43-155				
cis-1,2-Dichloroethylene	8.94		"	10.0		89.4	83-129				
cis-1,3-Dichloropropylene	8.79		"	10.0		87.9	80-131				
Cyclohexane	10.2		"	10.0		102	63-149				
Dibromochloromethane	8.94		"	10.0		89.4	80-130				
Dibromomethane	8.89		"	10.0		88.9	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41433 - EPA 5030B											
LCS (BD41433-BS1)								Prepared & Analyzed: 04/18/2024			
Diisopropyl ether (DIPE)	9.41		ug/L	10.0		94.1	70-130				
Ethyl Benzene	9.02		"	10.0		90.2	80-131				
Ethyl tert-butyl ether (ETBE)	9.47		"	10.0		94.7	70-130				
Hexachlorobutadiene	10.7		"	10.0		107	67-146				
Iodomethane	8.58		"	10.0		85.8	70-130				
Isopropylbenzene	9.40		"	10.0		94.0	76-140				
Methyl acetate	8.88		"	10.0		88.8	51-139				
Methyl Methacrylate	8.86		"	10.0		88.6	72-132				
Methyl tert-butyl ether (MTBE)	8.88		"	10.0		88.8	76-135				
Methylcyclohexane	10.2		"	10.0		102	72-143				
Methylene chloride	7.47		"	10.0		74.7	55-137				
Naphthalene	12.1		"	10.0		121	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	9.53		"	10.0		95.3	78-133				
o-Xylene	9.15		"	10.0		91.5	78-130				
p- & m- Xylenes	18.4		"	20.0		92.0	77-133				
p-Diethylbenzene	10.3		"	10.0		103	84-134				
p-Ethyltoluene	9.82		"	10.0		98.2	88-129				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.19		"	10.0		91.9	67-132				
tert-Amyl alcohol (TAA)	93.8		"	100		93.8	70-130				
tert-Amyl methyl ether (TAME)	9.16		"	10.0		91.6	70-130				
tert-Butyl alcohol (TBA)	46.9		"	50.0		93.9	25-162				
tert-Butylbenzene	9.83		"	10.0		98.3	77-138				
Tetrachloroethylene	5.93		"	10.0		59.3	82-131	Low Bias			
Tetrahydrofuran	8.96		"	10.0		89.6	36-166				
Toluene	8.97		"	10.0		89.7	80-127				
trans-1,2-Dichloroethylene	9.29		"	10.0		92.9	80-132				
trans-1,3-Dichloropropylene	8.92		"	10.0		89.2	78-131				
trans-1,4-dichloro-2-butene	9.02		"	10.0		90.2	63-141				
Trichloroethylene	9.02		"	10.0		90.2	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl acetate	13.6		"	10.0		136	21-90	High Bias			
Vinyl Chloride	10.1		"	10.0		101	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.82*		*"*	*10.0*		*98.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41433 - EPA 5030B											
LCS Dup (BD41433-BSD1)								Prepared & Analyzed: 04/18/2024			
1,1,1,2-Tetrachloroethane	9.09		ug/L	10.0		90.9	82-126		2.22	30	
1,1,1-Trichloroethane	9.01		"	10.0		90.1	78-136		3.70	30	
1,1,2,2-Tetrachloroethane	9.73		"	10.0		97.3	76-129		5.38	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.94		"	10.0		99.4	54-165		3.94	30	
1,1,2-Trichloroethane	9.62		"	10.0		96.2	82-123		10.2	30	
1,1-Dichloroethane	8.72		"	10.0		87.2	82-129		2.16	30	
1,1-Dichloroethylene	9.65		"	10.0		96.5	68-138		4.75	30	
1,1-Dichloropropylene	9.09		"	10.0		90.9	83-133		3.99	30	
1,2,3-Trichlorobenzene	18.1		"	10.0		181	76-136	High Bias	22.8	30	
1,2,3-Trichloropropane	9.37		"	10.0		93.7	77-128		5.82	30	
1,2,4,5-Tetramethylbenzene	9.71		"	10.0		97.1	85-140		2.74	30	
1,2,4-Trichlorobenzene	12.2		"	10.0		122	76-137		12.6	30	
1,2,4-Trimethylbenzene	8.71		"	10.0		87.1	82-132		8.15	30	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147		14.4	30	
1,2-Dibromoethane	10.0		"	10.0		100	83-124		10.1	30	
1,2-Dichlorobenzene	9.21		"	10.0		92.1	79-123		0.00	30	
1,2-Dichloroethane	9.69		"	10.0		96.9	73-132		8.50	30	
1,2-Dichloropropane	9.03		"	10.0		90.3	78-126		0.442	30	
1,3,5-Trimethylbenzene	8.44		"	10.0		84.4	80-131		9.59	30	
1,3-Dichlorobenzene	8.85		"	10.0		88.5	86-122		4.53	30	
1,3-Dichloropropane	9.75		"	10.0		97.5	81-125		8.33	30	
1,4-Dichlorobenzene	8.76		"	10.0		87.6	85-124		2.70	30	
1,4-Dioxane	236		"	210		113	10-349		17.7	30	
2,2-Dichloropropane	9.46		"	10.0		94.6	56-150		5.05	30	
2-Butanone	5.77		"	10.0		57.7	49-152		47.4	30	Non-dir.
2-Chlorotoluene	8.09		"	10.0		80.9	79-130		16.2	30	
2-Hexanone	10.5		"	10.0		105	51-146		19.5	30	
4-Chlorotoluene	8.50		"	10.0		85.0	79-128		8.45	30	
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145		16.4	30	
Acetone	7.95		"	10.0		79.5	14-150		13.0	30	
Acrolein	12.2		"	10.0		122	10-153		5.56	30	
Acrylonitrile	10.9		"	10.0		109	51-150		21.0	30	
Benzene	8.79		"	10.0		87.9	85-126		1.24	30	
Bromobenzene	8.34		"	10.0		83.4	78-129		6.05	30	
Bromochloromethane	9.40		"	10.0		94.0	77-128		6.25	30	
Bromodichloromethane	9.07		"	10.0		90.7	79-128		1.78	30	
Bromoform	10.8		"	10.0		108	78-133		13.1	30	
Bromomethane	8.51		"	10.0		85.1	43-168		9.09	30	
Carbon disulfide	9.77		"	10.0		97.7	68-146		4.89	30	
Carbon tetrachloride	9.54		"	10.0		95.4	77-141		3.91	30	
Chlorobenzene	9.32		"	10.0		93.2	88-120		1.28	30	
Chloroethane	9.39		"	10.0		93.9	65-136		2.94	30	
Chloroform	8.88		"	10.0		88.8	82-128		0.225	30	
Chloromethane	9.42		"	10.0		94.2	43-155		4.67	30	
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	83-129		1.01	30	
cis-1,3-Dichloropropylene	9.04		"	10.0		90.4	80-131		2.80	30	
Cyclohexane	9.93		"	10.0		99.3	63-149		2.19	30	
Dibromochloromethane	9.72		"	10.0		97.2	80-130		8.36	30	
Dibromomethane	9.62		"	10.0		96.2	72-134		7.89	30	
Dichlorodifluoromethane	11.3		"	10.0		113	44-144		4.76	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41433 - EPA 5030B											
LCS Dup (BD41433-BSD1)								Prepared & Analyzed: 04/18/2024			
Diisopropyl ether (DIPE)	10.2		ug/L	10.0		102	70-130		7.66	30	
Ethyl Benzene	8.66		"	10.0		86.6	80-131		4.07	30	
Ethyl tert-butyl ether (ETBE)	10.5		"	10.0		105	70-130		10.6	30	
Hexachlorobutadiene	10.2		"	10.0		102	67-146		4.80	30	
Iodomethane	8.78		"	10.0		87.8	70-130		2.30	30	
Isopropylbenzene	8.18		"	10.0		81.8	76-140		13.9	30	
Methyl acetate	10.3		"	10.0		103	51-139		14.4	30	
Methyl Methacrylate	10.2		"	10.0		102	72-132		14.1	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		15.8	30	
Methylcyclohexane	9.57		"	10.0		95.7	72-143		5.88	30	
Methylene chloride	7.82		"	10.0		78.2	55-137		4.58	30	
Naphthalene	14.0		"	10.0		140	70-147		14.4	30	
n-Butylbenzene	9.75		"	10.0		97.5	79-132		7.50	30	
n-Propylbenzene	8.45		"	10.0		84.5	78-133		12.0	30	
o-Xylene	8.97		"	10.0		89.7	78-130		1.99	30	
p- & m- Xylenes	17.8		"	20.0		88.8	77-133		3.65	30	
p-Diethylbenzene	9.66		"	10.0		96.6	84-134		6.12	30	
p-Ethyltoluene	8.76		"	10.0		87.6	88-129	Low Bias	11.4	30	
p-Isopropyltoluene	9.22		"	10.0		92.2	81-136		8.42	30	
sec-Butylbenzene	9.16		"	10.0		91.6	79-137		10.6	30	
Styrene	9.26		"	10.0		92.6	67-132		0.759	30	
tert-Amyl alcohol (TAA)	120		"	100		120	70-130		24.3	30	
tert-Amyl methyl ether (TAME)	10.6		"	10.0		106	70-130		14.4	30	
tert-Butyl alcohol (TBA)	67.0		"	50.0		134	25-162		35.2	30	Non-dir.
tert-Butylbenzene	8.80		"	10.0		88.0	77-138		11.1	30	
Tetrachloroethylene	5.56		"	10.0		55.6	82-131	Low Bias	6.44	30	
Tetrahydrofuran	11.4		"	10.0		114	36-166		23.5	30	
Toluene	8.55		"	10.0		85.5	80-127		4.79	30	
trans-1,2-Dichloroethylene	8.98		"	10.0		89.8	80-132		3.39	30	
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	78-131		7.65	30	
trans-1,4-dichloro-2-butene	9.44		"	10.0		94.4	63-141		4.55	30	
Trichloroethylene	8.42		"	10.0		84.2	82-128		6.88	30	
Trichlorofluoromethane	9.94		"	10.0		99.4	67-139		3.94	30	
Vinyl acetate	15.4		"	10.0		154	21-90	High Bias	12.2	30	
Vinyl Chloride	9.66		"	10.0		96.6	58-145		4.35	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.26*		*"*	*10.0*		*92.6*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

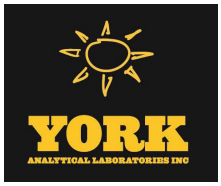
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41412 - EPA 3510C											
Blank (BD41412-BLK1)											Prepared & Analyzed: 04/18/2024
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*22.1*		*"*	*50.0*		*44.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*13.5*		*"*	*50.0*		*27.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*32.0*		*"*	*25.0*		*128*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*23.3*		*"*	*25.0*		*93.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*66.3*		*"*	*50.0*		*133*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41412 - EPA 3510C											
Blank (BD41412-BLK1)									Prepared & Analyzed: 04/18/2024		
Surrogate: SURR: Terphenyl-d14	*28.1*		*ug/L*	*25.0*		*112*	*30.7-106*				
Blank (BD41412-BLK2)									Prepared & Analyzed: 04/18/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0600	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41412 - EPA 3510C											
LCS (BD41412-BS1)							Prepared & Analyzed: 04/18/2024				
1,1-Biphenyl	19.4	5.00	ug/L	25.0		77.6	33-95				
1,2,4,5-Tetrachlorobenzene	19.6	5.00	"	25.0		78.2	26-120				
2,3,4,6-Tetrachlorophenol	20.7	5.00	"	25.0		82.7	30-130				
2,4,5-Trichlorophenol	19.2	5.00	"	25.0		76.6	32-114				
2,4,6-Trichlorophenol	21.1	5.00	"	25.0		84.3	35-118				
2,4-Dichlorophenol	22.2	5.00	"	25.0		88.8	25-116				
2,4-Dimethylphenol	18.1	5.00	"	25.0		72.3	15-116				
2,4-Dinitrophenol	24.2	5.00	"	25.0		96.8	10-170				
2,4-Dinitrotoluene	28.5	5.00	"	25.0		114	41-128				
2,6-Dinitrotoluene	28.4	5.00	"	25.0		114	45-116				
2-Chloronaphthalene	19.1	5.00	"	25.0		76.5	33-112				
2-Chlorophenol	17.0	5.00	"	25.0		68.0	15-120				
2-Methylnaphthalene	21.0	5.00	"	25.0		83.8	24-118				
2-Methylphenol	17.4	5.00	"	25.0		69.8	10-110				
2-Nitroaniline	26.0	5.00	"	25.0		104	34-129				
2-Nitrophenol	25.8	5.00	"	25.0		103	28-118				
3- & 4-Methylphenols	11.4	5.00	"	25.0		45.6	10-107				
3,3-Dichlorobenzidine	23.3	5.00	"	25.0		93.3	15-187				
3-Nitroaniline	18.4	5.00	"	25.0		73.8	24-134				
4,6-Dinitro-2-methylphenol	30.5	5.00	"	25.0		122	10-153				
4-Bromophenyl phenyl ether	22.5	5.00	"	25.0		90.0	34-120				
4-Chloro-3-methylphenol	24.1	5.00	"	25.0		96.4	20-120				
4-Chloroaniline	11.4	5.00	"	25.0		45.8	10-147				
4-Chlorophenyl phenyl ether	20.7	5.00	"	25.0		82.8	27-121				
4-Nitroaniline	22.2	5.00	"	25.0		88.6	13-134				
4-Nitrophenol	33.8	5.00	"	25.0		135	10-131	High Bias			
Acetophenone	22.6	5.00	"	25.0		90.2	25-110				
Benzaldehyde	17.8	5.00	"	25.0		71.0	29-117				
Benzyl butyl phthalate	17.9	5.00	"	25.0		71.8	29-133				
Bis(2-chloroethoxy)methane	22.8	5.00	"	25.0		91.3	10-154				
Bis(2-chloroethyl)ether	29.6	5.00	"	25.0		119	17-125				
Bis(2-chloroisopropyl)ether	28.9	5.00	"	25.0		116	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	20.1	5.00	"	25.0		80.4	42-126				
Dibenzofuran	20.0	5.00	"	25.0		80.1	36-113				
Diethyl phthalate	19.4	5.00	"	25.0		77.4	38-115				
Dimethyl phthalate	20.5	5.00	"	25.0		82.1	38-129				
Di-n-butyl phthalate	19.0	5.00	"	25.0		76.2	31-120				
Di-n-octyl phthalate	18.4	5.00	"	25.0		73.6	21-149				
Hexachlorocyclopentadiene	6.41	10.0	"	25.0		25.6	10-130				
Isophorone	25.8	5.00	"	25.0		103	25-127				
N-nitroso-di-n-propylamine	23.6	5.00	"	25.0		94.6	26-122				
N-Nitrosodiphenylamine	22.5	5.00	"	25.0		89.9	23-149				
Phenol	7.52	5.00	"	25.0		30.1	10-110				
Pyridine	11.7	5.00	"	35.0		33.3	10-90				
Surrogate: SURR: 2-Fluorophenol	*22.0*		*"*	*50.0*		*43.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.1*		*"*	*50.0*		*24.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*28.8*		*"*	*25.0*		*115*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21.4*		*"*	*25.0*		*85.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*61.0*		*"*	*50.0*		*122*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.9*		*"*	*25.0*		*95.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41412 - EPA 3510C											
LCS (BD41412-BS2)							Prepared & Analyzed: 04/18/2024				
Acenaphthene	0.670	0.0500	ug/L	1.00		67.0	25-116				
Acenaphthylene	0.740	0.0500	"	1.00		74.0	26-116				
Anthracene	0.470	0.0500	"	1.00		47.0	25-123				
Benzo(a)anthracene	0.730	0.0500	"	1.00		73.0	33-125				
Benzo(a)pyrene	0.690	0.0500	"	1.00		69.0	32-132				
Benzo(b)fluoranthene	0.890	0.0500	"	1.00		89.0	22-137				
Benzo(g,h,i)perylene	0.950	0.0500	"	1.00		95.0	10-138				
Benzo(k)fluoranthene	0.830	0.0500	"	1.00		83.0	20-137				
Bis(2-ethylhexyl)phthalate	1.07	0.500	"	1.00		107	10-189				
Chrysene	0.760	0.0500	"	1.00		76.0	32-124				
Dibenzo(a,h)anthracene	0.950	0.0500	"	1.00		95.0	16-133				
Fluoranthene	0.830	0.0500	"	1.00		83.0	32-121				
Fluorene	0.760	0.0500	"	1.00		76.0	28-118				
Hexachlorobenzene	0.960	0.0200	"	1.00		96.0	23-124				
Hexachlorobutadiene	0.720	0.500	"	1.00		72.0	15-123				
Hexachloroethane	3.58	0.500	"	1.00		358	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.950	0.0500	"	1.00		95.0	15-135				
Naphthalene	0.770	0.0500	"	1.00		77.0	18-120				
Nitrobenzene	0.490	0.250	"	1.00		49.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.24	0.250	"	1.00		124	10-156				
Phenanthrene	0.710	0.0500	"	1.00		71.0	24-127				
Pyrene	0.740	0.0500	"	1.00		74.0	31-132				
LCS Dup (BD41412-BSD1)							Prepared & Analyzed: 04/18/2024				
1,1-Biphenyl	23.1	5.00	ug/L	25.0		92.2	33-95		17.3	20	
1,2,4,5-Tetrachlorobenzene	23.4	5.00	"	25.0		93.6	26-120		18.0	20	
2,3,4,6-Tetrachlorophenol	24.2	5.00	"	25.0		96.8	30-130		15.7	20	
2,4,5-Trichlorophenol	22.6	5.00	"	25.0		90.2	32-114		16.3	20	
2,4,6-Trichlorophenol	24.8	5.00	"	25.0		99.3	35-118		16.3	20	
2,4-Dichlorophenol	25.7	5.00	"	25.0		103	25-116		14.6	20	
2,4-Dimethylphenol	21.7	5.00	"	25.0		86.9	15-116		18.3	20	
2,4-Dinitrophenol	28.7	5.00	"	25.0		115	10-170		17.1	20	
2,4-Dinitrotoluene	34.8	5.00	"	25.0		139	41-128	High Bias	19.9	20	
2,6-Dinitrotoluene	33.6	5.00	"	25.0		135	45-116	High Bias	16.8	20	
2-Chloronaphthalene	22.7	5.00	"	25.0		90.7	33-112		17.0	20	
2-Chlorophenol	20.7	5.00	"	25.0		82.8	15-120		19.7	20	
2-Methylnaphthalene	24.4	5.00	"	25.0		97.6	24-118		15.1	20	
2-Methylphenol	21.6	5.00	"	25.0		86.6	10-110		21.4	20	Non-dir.
2-Nitroaniline	31.1	5.00	"	25.0		124	34-129		17.7	20	
2-Nitrophenol	30.2	5.00	"	25.0		121	28-118	High Bias	15.6	20	
3- & 4-Methylphenols	14.1	5.00	"	25.0		56.6	10-107		21.4	20	Non-dir.
3,3-Dichlorobenzidine	27.2	5.00	"	25.0		109	15-187		15.2	20	
3-Nitroaniline	22.0	5.00	"	25.0		88.2	24-134		17.8	20	
4,6-Dinitro-2-methylphenol	38.2	5.00	"	25.0		153	10-153		22.4	20	Non-dir.
4-Bromophenyl phenyl ether	26.7	5.00	"	25.0		107	34-120		17.1	20	
4-Chloro-3-methylphenol	28.2	5.00	"	25.0		113	20-120		15.7	20	
4-Chloroaniline	14.2	5.00	"	25.0		56.6	10-147		21.2	20	Non-dir.
4-Chlorophenyl phenyl ether	24.5	5.00	"	25.0		98.1	27-121		16.8	20	
4-Nitroaniline	25.8	5.00	"	25.0		103	13-134		15.1	20	
4-Nitrophenol	41.3	5.00	"	25.0		165	10-131	High Bias	19.9	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41412 - EPA 3510C											
LCS Dup (BD41412-BSD1)								Prepared & Analyzed: 04/18/2024			
Acetophenone	26.2	5.00	ug/L	25.0		105	25-110		15.1	20	
Benzaldehyde	21.0	5.00	"	25.0		83.9	29-117		16.6	20	
Benzyl butyl phthalate	21.4	5.00	"	25.0		85.5	29-133		17.5	20	
Bis(2-chloroethoxy)methane	26.7	5.00	"	25.0		107	10-154		15.8	20	
Bis(2-chloroethyl)ether	34.4	5.00	"	25.0		138	17-125	High Bias	14.9	20	
Bis(2-chloroisopropyl)ether	29.0	5.00	"	25.0		116	10-139		0.518	20	
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias		20	
Carbazole	24.1	5.00	"	25.0		96.4	42-126		18.1	20	
Dibenzofuran	23.7	5.00	"	25.0		95.0	36-113		17.0	20	
Diethyl phthalate	22.8	5.00	"	25.0		91.4	38-115		16.5	20	
Dimethyl phthalate	24.2	5.00	"	25.0		96.7	38-129		16.3	20	
Di-n-butyl phthalate	22.8	5.00	"	25.0		91.2	31-120		17.9	20	
Di-n-octyl phthalate	22.8	5.00	"	25.0		91.3	21-149		21.4	20	Non-dir.
Hexachlorocyclopentadiene	8.54	10.0	"	25.0		34.2	10-130		28.5	20	Non-dir.
Isophorone	30.2	5.00	"	25.0		121	25-127		15.6	20	
N-nitroso-di-n-propylamine	27.8	5.00	"	25.0		111	26-122		16.2	20	
N-Nitrosodiphenylamine	26.9	5.00	"	25.0		108	23-149		17.9	20	
Phenol	10.7	5.00	"	25.0		42.7	10-110		34.6	20	Non-dir.
Pyridine	12.4	5.00	"	35.0		35.6	10-90		6.55	20	
Surrogate: SURR: 2-Fluorophenol	*27.7*		*"*	*50.0*		*55.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*15.9*		*"*	*50.0*		*31.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*32.4*		*"*	*25.0*		*129*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*24.1*		*"*	*25.0*		*96.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*70.6*		*"*	*50.0*		*141*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*27.1*		*"*	*25.0*		*108*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41130 - EPA 3535A											
Blank (BD41130-BLK1)									Prepared: 04/15/2024 Analyzed: 04/16/2024		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.73*		*"*	*4.00*		*68.2*	*36.6-118*				
LCS (BD41130-BS1)									Prepared: 04/15/2024 Analyzed: 04/16/2024		
1,4-Dioxane	3.50	0.300	ug/L	4.00		87.6	50-130				
Surrogate: 1,4-Dioxane-d8	*2.89*		*"*	*4.00*		*72.2*	*36.6-118*				
Matrix Spike (BD41130-MS1)	*Source sample: 24D0573-20 (Matrix Spike)								Prepared: 04/15/2024 Analyzed: 04/16/2024		
1,4-Dioxane	3.22	0.300	ug/L	4.00	ND	80.4	50-130				
Surrogate: 1,4-Dioxane-d8	*2.69*		*"*	*4.00*		*67.3*	*50-130*				
Matrix Spike Dup (BD41130-MSD1)	*Source sample: 24D0573-20 (Matrix Spike Dup)								Prepared: 04/15/2024 Analyzed: 04/16/2024		
1,4-Dioxane	3.42	0.300	ug/L	4.00	ND	85.6	50-130		6.27	30	
Surrogate: 1,4-Dioxane-d8	*2.56*		*"*	*4.00*		*64.0*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41531 - EPA 1633 Prep											
Blank (BD41531-BLK1)											Prepared: 04/19/2024 Analyzed: 04/21/2024
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*61.8*		"	*46.6*		*133*	*25-150*				
Surrogate: M5PFHxA	*69.1*		"	*50.0*		*138*	*25-150*				
Surrogate: M4PFHpA	*105*		"	*50.0*		*210*	*25-150*				
Surrogate: M3PFHxS	*42.5*		"	*47.4*		*89.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.8*		"	*50.0*		*79.6*	*25-150*				
Surrogate: M6PFDA	*6.36*		"	*25.0*		*25.4*	*25-150*				
Surrogate: M7PFUdA	*1.52*		"	*25.0*		*6.08*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41531 - EPA 1633 Prep											
Blank (BD41531-BLK1)								Prepared: 04/19/2024 Analyzed: 04/21/2024			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.134*		*ng/L*	*25.0*		*0.537*	*25-150*				
Surrogate: M2PFTeDA	*0.0326*		*"*	*25.0*		*0.131*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*124*		*"*	*200*		*62.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*8.79*		*"*	*47.9*		*18.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*148*		*"*	*100*		*148*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*8.79*		*"*	*50.0*		*17.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.13*		*"*	*100*		*4.13*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.87*		*"*	*100*		*1.87*	*25-150*				
Surrogate: M2-6:2 FTS	*110*		*"*	*95.1*		*116*	*25-200*				
Surrogate: M2-8:2 FTS	*16.9*		*"*	*96.0*		*17.6*	*25-200*				
Surrogate: M9PFNA	*13.8*		*"*	*25.0*		*55.4*	*25-150*				
Surrogate: M2-4:2 FTS	*138*		*"*	*93.8*		*147*	*25-150*				
Surrogate: d-N-MeFOSA	*18.5*		*"*	*50.0*		*36.9*	*25-150*				
Surrogate: d-N-EtFOSA	*2.63*		*"*	*50.0*		*5.26*	*25-150*				
Surrogate: M3HFPO-DA	*252*		*"*	*200*		*126*	*25-150*				
Surrogate: d9-N-EtFOSE	*0.103*		*"*	*500*		*0.0207*	*25-150*				
Surrogate: d7-N-MeFOSE	*0.519*		*"*	*500*		*0.104*	*25-150*				
LCS (BD41531-BS1)								Prepared: 04/19/2024 Analyzed: 04/21/2024			
Perfluorobutanesulfonic acid (PFBS)	61.2	3.54	ng/L	70.8		86.5	50-150				
Perfluorohexanoic acid (PFHxA)	77.3	4.00	"	80.0		96.6	50-150				
Perfluoroheptanoic acid (PFHpA)	44.1	4.00	"	80.0		55.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	71.9	3.66	"	73.2		98.3	50-150				
Perfluorooctanoic acid (PFOA)	82.7	4.00	"	80.0		103	50-150				
Perfluorooctanesulfonic acid (PFOS)	60.5	3.72	"	74.4		81.3	50-150				
Perfluorononanoic acid (PFNA)	86.0	4.00	"	80.0		107	50-150				
Perfluorodecanoic acid (PFDA)	107	4.00	"	80.0		134	50-150				
Perfluoroundecanoic acid (PFUnA)	89.5	4.00	"	80.0		112	50-150				
Perfluorododecanoic acid (PFDoA)	92.7	4.00	"	80.0		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	108	4.00	"	80.0		135	50-150				
Perfluorotetradecanoic acid (PFTA)	78.0	4.00	"	80.0		97.5	50-150				
N-MeFOSAA	81.9	4.00	"	80.0		102	50-150				
N-EtFOSAA	75.1	4.00	"	80.0		93.9	50-150				
Perfluoropentanoic acid (PFPeA)	145	8.00	"	160		90.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	77.1	4.00	"	80.0		96.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	58.8	3.82	"	76.4		76.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	51.7	3.86	"	77.2		67.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	371	15.2	"	304		122	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	312	15.4	"	307		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	293	16.0	"	320		91.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	127	7.12	"	142		89.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	157	8.00	"	160		98.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	63.0	8.00	"	160		39.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	157	8.00	"	160		98.2	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	68.4	3.76	"	75.2		91.0	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41531 - EPA 1633 Prep											
LCS (BD41531-BS1)								Prepared: 04/19/2024 Analyzed: 04/21/2024			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	372	15.0	ng/L	300		124	50-150				
HFPO-DA (Gen-X)	138	16.0	"	160		86.4	50-150				
11CL-PF3OUdS	108	15.1	"	151		71.3	50-150				
9CL-PF3ONS	140	15.0	"	150		93.6	50-150				
ADONA	161	15.1	"	151		106	50-150				
Perfluorododecanesulfonic acid (PFDoS)	34.1	3.88	"	77.6		44.0	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	52.3	3.84	"	76.8		68.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	337	10.0	"	320		105	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1850	50.0	"	1600		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	2160	50.0	"	1600		135	50-150				
N-MeFOSE	713	40.0	"	800		89.1	50-150				
N-MeFOSA	95.0	4.00	"	80.0		119	50-150				
N-EtFOSE	689	40.0	"	800		86.1	50-150				
N-EtFOSA	93.1	4.00	"	80.0		116	50-150				
Surrogate: M3PFBS	*52.9*		"	*46.6*		*113*	*25-150*				
Surrogate: M5PFHxA	*48.7*		"	*50.0*		*97.5*	*25-150*				
Surrogate: M4PFHpA	*79.6*		"	*50.0*		*159*	*25-150*				
Surrogate: M3PFHxS	*53.5*		"	*47.4*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*42.6*		"	*50.0*		*85.3*	*25-150*				
Surrogate: M6PFDA	*19.5*		"	*25.0*		*78.1*	*25-150*				
Surrogate: M7PFUdA	*19.6*		"	*25.0*		*78.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.3*		"	*25.0*		*49.2*	*25-150*				
Surrogate: M2PFTeDA	*8.78*		"	*25.0*		*35.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*26.8*		"	*200*		*13.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*56.2*		"	*47.9*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*93.0*		"	*100*		*93.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*40.7*		"	*50.0*		*81.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*76.1*		"	*100*		*76.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*61.8*		"	*100*		*61.8*	*25-150*				
Surrogate: M2-6:2 FTS	*150*		"	*95.1*		*158*	*25-200*				
Surrogate: M2-8:2 FTS	*112*		"	*96.0*		*117*	*25-200*				
Surrogate: M9PFNA	*24.1*		"	*25.0*		*96.5*	*25-150*				
Surrogate: M2-4:2 FTS	*124*		"	*93.8*		*132*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		"	*50.0*		*23.1*	*25-150*				
Surrogate: d-N-EtFOSA	*8.49*		"	*50.0*		*17.0*	*25-150*				
Surrogate: M3HFPO-DA	*191*		"	*200*		*95.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*137*		"	*500*		*27.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*147*		"	*500*		*29.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41531 - EPA 1633 Prep											
LCS (BD41531-BS2)								Prepared: 04/19/2024 Analyzed: 04/21/2024			
Perfluorobutanesulfonic acid (PFBS)	12.5	3.54	ng/L	14.2		88.6	50-150				
Perfluorohexanoic acid (PFHxA)	15.1	4.00	"	16.0		94.3	50-150				
Perfluoroheptanoic acid (PFHpA)	7.75	4.00	"	16.0		48.4	50-150	Low Bias			
Perfluorohexanesulfonic acid (PFHxS)	16.4	3.66	"	14.6		112	50-150				
Perfluorooctanoic acid (PFOA)	17.4	4.00	"	16.0		109	50-150				
Perfluorooctanesulfonic acid (PFOS)	14.2	3.72	"	14.9		95.2	50-150				
Perfluorononanoic acid (PFNA)	15.5	4.00	"	16.0		96.9	50-150				
Perfluorodecanoic acid (PFDA)	17.9	4.00	"	16.0		112	50-150				
Perfluoroundecanoic acid (PFUnA)	17.6	4.00	"	16.0		110	50-150				
Perfluorododecanoic acid (PFDoA)	17.4	4.00	"	16.0		109	50-150				
Perfluorotridecanoic acid (PFTrDA)	14.8	4.00	"	16.0		92.5	50-150				
Perfluorotetradecanoic acid (PFTA)	12.6	4.00	"	16.0		79.1	50-150				
N-MeFOSAA	16.5	4.00	"	16.0		103	50-150				
N-EtFOSAA	14.4	4.00	"	16.0		90.0	50-150				
Perfluoropentanoic acid (PFPeA)	29.1	8.00	"	32.0		91.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	16.0	4.00	"	16.0		100	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	14.0	3.82	"	15.3		91.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	12.5	3.86	"	15.4		80.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	73.0	15.2	"	60.8		120	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	61.7	15.4	"	61.4		100	50-150				
Perfluoro-n-butanoic acid (PFBA)	60.7	16.0	"	64.0		94.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	23.7	7.12	"	28.5		83.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	31.8	8.00	"	32.0		99.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	28.4	8.00	"	32.0		88.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	28.3	8.00	"	32.0		88.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	14.0	3.76	"	15.0		93.0	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	74.5	15.0	"	60.0		124	50-150				
HFPO-DA (Gen-X)	29.1	16.0	"	32.0		91.1	50-150				
11CL-PF3OUdS	22.7	15.1	"	30.2		75.1	50-150				
9CL-PF3ONS	29.1	15.0	"	29.9		97.3	50-150				
ADONA	33.2	15.1	"	30.2		110	50-150				
Perfluorododecanesulfonic acid (PFDoS)	11.1	3.88	"	15.5		71.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	12.8	3.84	"	15.4		83.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	82.0	10.0	"	64.0		128	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	347	50.0	"	320		108	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	395	50.0	"	320		123	50-150				
N-MeFOSE	140	40.0	"	160		87.3	50-150				
N-MeFOSA	15.0	4.00	"	16.0		93.8	50-150				
N-EtFOSE	136	40.0	"	160		85.2	50-150				
N-EtFOSA	15.5	4.00	"	16.0		97.2	50-150				
Surrogate: M3PFBS	*65.1*		"	*46.6*		*140*	*25-150*				
Surrogate: M5PFHxA	*64.8*		"	*50.0*		*130*	*25-150*				
Surrogate: M4PFHpA	*111*		"	*50.0*		*222*	*25-150*				
Surrogate: M3PFHxS	*66.2*		"	*47.4*		*140*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*53.2*		"	*50.0*		*106*	*25-150*				
Surrogate: M6PFDA	*32.7*		"	*25.0*		*131*	*25-150*				
Surrogate: M7PFUdA	*26.5*		"	*25.0*		*106*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41531 - EPA 1633 Prep											
LCS (BD41531-BS2)									Prepared: 04/19/2024 Analyzed: 04/21/2024		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*18.6*		*ng/L*	*25.0*		*74.5*	*25-150*				
Surrogate: M2PFTeDA	*15.7*		*"*	*25.0*		*62.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*229*		*"*	*200*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*66.8*		*"*	*47.9*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*142*		*"*	*100*		*142*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*53.9*		*"*	*50.0*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*105*		*"*	*100*		*105*	*25-150*				
Surrogate: d5-N-EtFOSAA	*88.0*		*"*	*100*		*88.0*	*25-150*				
Surrogate: M2-6:2 FTS	*176*		*"*	*95.1*		*185*	*25-200*				
Surrogate: M2-8:2 FTS	*128*		*"*	*96.0*		*134*	*25-200*				
Surrogate: M9PFNA	*29.9*		*"*	*25.0*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*151*		*"*	*93.8*		*161*	*25-150*				
Surrogate: d-N-MeFOSA	*20.0*		*"*	*50.0*		*40.0*	*25-150*				
Surrogate: d-N-EtFOSA	*15.7*		*"*	*50.0*		*31.4*	*25-150*				
Surrogate: M3HFPO-DA	*238*		*"*	*200*		*119*	*25-150*				
Surrogate: d9-N-EtFOSE	*298*		*"*	*500*		*59.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*333*		*"*	*500*		*66.6*	*25-150*				
Duplicate (BD41531-DUP1)	*Source sample: 24D0896-01 (Duplicate)								Prepared: 04/19/2024 Analyzed: 04/21/2024		
Perfluorobutanesulfonic acid (PFBS)	1.16	1.76	ng/L		1.21				4.08	30	
Perfluorohexanoic acid (PFHxA)	9.53	1.99	"		10.0				5.19	30	
Perfluoroheptanoic acid (PFHpA)	2.69	1.99	"		2.72				1.12	30	
Perfluorohexanesulfonic acid (PFHxS)	1.17	1.82	"		1.24				5.70	30	
Perfluorooctanoic acid (PFOA)	16.6	1.99	"		17.0				2.36	30	
Perfluorooctanesulfonic acid (PFOS)	13.8	1.85	"		10.2				30.4	30	Non-dir.
Perfluorononanoic acid (PFNA)	3.15	1.99	"		3.61				13.7	30	
Perfluorodecanoic acid (PFDA)	1.73	1.99	"		1.80				3.82	30	
Perfluoroundecanoic acid (PFUnA)	ND	1.99	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.99	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	1.99	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.99	"		ND					30	
N-MeFOSAA	ND	1.99	"		ND					30	
N-EtFOSAA	2.28	1.99	"		1.36				50.4	30	Non-dir.
Perfluoropentanoic acid (PFPeA)	4.88	3.98	"		5.14				5.11	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.99	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.90	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.92	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.56	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.64	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	3.83	7.95	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.54	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.98	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.98	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.98	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.87	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41531 - EPA 1633 Prep											
Duplicate (BD41531-DUP1)	*Source sample: 24D0896-01 (Duplicate)								Prepared: 04/19/2024 Analyzed: 04/21/2024		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.46	ng/L		ND					30	
HFPO-DA (Gen-X)	ND	7.95	"		ND					30	
11CL-PF3OUdS	ND	7.52	"		ND					30	
9CL-PF3ONS	ND	7.44	"		ND					30	
ADONA	ND	7.52	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.93	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.91	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.97	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	24.9	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	24.9	"		ND					30	
N-MeFOSE	ND	19.9	"		ND					30	
N-MeFOSA	ND	1.99	"		ND					30	
N-EtFOSE	ND	19.9	"		ND					30	
N-EtFOSA	ND	1.99	"		ND					30	
Surrogate: M3PFBS	*24.4*		"	*23.2*		*105*	*25-150*				
Surrogate: M5PFHxA	*26.4*		"	*24.9*		*106*	*25-150*				
Surrogate: M4PFHpA	*38.1*		"	*24.9*		*153*	*25-150*				
Surrogate: M3PFHxS	*25.6*		"	*23.6*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*23.0*		"	*24.9*		*92.6*	*25-150*				
Surrogate: M6PFDA	*12.8*		"	*12.4*		*103*	*25-150*				
Surrogate: M7PFUdA	*11.0*		"	*12.4*		*88.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.71*		"	*12.4*		*62.0*	*25-150*				
Surrogate: M2PFTeDA	*5.53*		"	*12.4*		*44.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*47.6*		"	*99.4*		*47.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.0*		"	*23.8*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*59.6*		"	*49.7*		*120*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.1*		"	*24.9*		*88.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*37.4*		"	*49.7*		*75.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*34.1*		"	*49.7*		*68.6*	*25-150*				
Surrogate: M2-6:2 FTS	*133*		"	*47.3*		*280*	*25-200*				
Surrogate: M2-8:2 FTS	*44.1*		"	*47.7*		*92.3*	*25-200*				
Surrogate: M9PFNA	*12.0*		"	*12.4*		*96.6*	*25-150*				
Surrogate: M2-4:2 FTS	*221*		"	*46.6*		*474*	*25-150*				
Surrogate: d-N-MeFOSA	*17.1*		"	*24.9*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*11.1*		"	*24.9*		*44.7*	*25-150*				
Surrogate: M3HFPO-DA	*89.9*		"	*99.4*		*90.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*117*		"	*249*		*47.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*127*		"	*249*		*51.0*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41426 - EPA SW846-3510C Low Level											
Blank (BD41426-BLK1)									Prepared: 04/18/2024 Analyzed: 04/19/2024		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.162*		*"*	*0.200*		*81.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.146*		*"*	*0.200*		*73.2*	*30-150*				
LCS (BD41426-BS1)									Prepared: 04/18/2024 Analyzed: 04/19/2024		
4,4'-DDD	0.0808	0.00400	ug/L	0.100		80.8	40-140				
4,4'-DDE	0.0738	0.00400	"	0.100		73.8	40-140				
4,4'-DDT	0.0944	0.00400	"	0.100		94.4	40-140				
Aldrin	0.0614	0.00400	"	0.100		61.4	40-140				
alpha-BHC	0.0709	0.00400	"	0.100		70.9	40-140				
alpha-Chlordane	0.0702	0.00400	"	0.100		70.2	40-140				
beta-BHC	0.0876	0.00400	"	0.100		87.6	40-140				
delta-BHC	0.0791	0.00400	"	0.100		79.1	40-140				
Dieldrin	0.0760	0.00200	"	0.100		76.0	40-140				
Endosulfan I	0.0781	0.00400	"	0.100		78.1	40-140				
Endosulfan II	0.0863	0.00400	"	0.100		86.3	40-140				
Endosulfan sulfate	0.0800	0.00400	"	0.100		80.0	40-140				
Endrin	0.0843	0.00400	"	0.100		84.3	40-140				
Endrin aldehyde	0.0945	0.0100	"	0.100		94.5	40-140				
Endrin ketone	0.0906	0.0100	"	0.100		90.6	40-140				
gamma-BHC (Lindane)	0.0776	0.00400	"	0.100		77.6	40-140				
gamma-Chlordane	0.0731	0.0100	"	0.100		73.1	40-140				
Heptachlor	0.0762	0.00400	"	0.100		76.2	40-140				
Heptachlor epoxide	0.0752	0.00400	"	0.100		75.2	40-140				
Methoxychlor	0.105	0.00400	"	0.100		105	40-140				
Surrogate: Decachlorobiphenyl	*0.159*		*"*	*0.200*		*79.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.140*		*"*	*0.200*		*70.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41426 - EPA SW846-3510C Low Level											
LCS Dup (BD41426-BSD1)									Prepared: 04/18/2024 Analyzed: 04/19/2024		
4,4'-DDD	0.0793	0.00400	ug/L	0.100		79.3	40-140		1.87	20	
4,4'-DDE	0.0716	0.00400	"	0.100		71.6	40-140		2.90	20	
4,4'-DDT	0.0950	0.00400	"	0.100		95.0	40-140		0.614	20	
Aldrin	0.0610	0.00400	"	0.100		61.0	40-140		0.645	20	
alpha-BHC	0.0692	0.00400	"	0.100		69.2	40-140		2.39	20	
alpha-Chlordane	0.0684	0.00400	"	0.100		68.4	40-140		2.59	20	
beta-BHC	0.0827	0.00400	"	0.100		82.7	40-140		5.71	20	
delta-BHC	0.0760	0.00400	"	0.100		76.0	40-140		3.95	20	
Dieldrin	0.0737	0.00200	"	0.100		73.7	40-140		3.08	20	
Endosulfan I	0.0760	0.00400	"	0.100		76.0	40-140		2.79	20	
Endosulfan II	0.0851	0.00400	"	0.100		85.1	40-140		1.42	20	
Endosulfan sulfate	0.0794	0.00400	"	0.100		79.4	40-140		0.737	20	
Endrin	0.0818	0.00400	"	0.100		81.8	40-140		2.97	20	
Endrin aldehyde	0.0930	0.0100	"	0.100		93.0	40-140		1.51	20	
Endrin ketone	0.0903	0.0100	"	0.100		90.3	40-140		0.369	20	
gamma-BHC (Lindane)	0.0754	0.00400	"	0.100		75.4	40-140		2.87	20	
gamma-Chlordane	0.0717	0.0100	"	0.100		71.7	40-140		1.96	20	
Heptachlor	0.0749	0.00400	"	0.100		74.9	40-140		1.77	20	
Heptachlor epoxide	0.0732	0.00400	"	0.100		73.2	40-140		2.70	20	
Methoxychlor	0.102	0.00400	"	0.100		102	40-140		2.74	20	
Surrogate: Decachlorobiphenyl	*0.161*		*"*	*0.200*		*80.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.140*		*"*	*0.200*		*70.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41426 - EPA SW846-3510C Low Level											
Blank (BD41426-BLK2)									Prepared: 04/18/2024 Analyzed: 04/19/2024		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.139*		*"*	*0.200*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.188*		*"*	*0.200*		*94.0*	*30-120*				
LCS (BD41426-BS2)									Prepared: 04/18/2024 Analyzed: 04/19/2024		
Aroclor 1016	0.720	0.0500	ug/L	1.00		72.0	40-120				
Aroclor 1260	0.873	0.0500	"	1.00		87.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.129*		*"*	*0.200*		*64.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.186*		*"*	*0.200*		*93.0*	*30-120*				
LCS Dup (BD41426-BSD2)									Prepared: 04/18/2024 Analyzed: 04/19/2024		
Aroclor 1016	0.750	0.0500	ug/L	1.00		75.0	40-120		4.19	30	
Aroclor 1260	0.885	0.0500	"	1.00		88.5	40-120		1.41	30	
Surrogate: Tetrachloro-m-xylene	*0.135*		*"*	*0.200*		*67.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.179*		*"*	*0.200*		*89.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41421 - EPA 3015A											
Blank (BD41421-BLK1)											Prepared: 04/18/2024 Analyzed: 04/20/2024
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BD41421-BS1)											Prepared: 04/18/2024 Analyzed: 04/20/2024
Aluminum	2.01		ug/mL	2.00		100	80-120				
Barium	2.21		"	2.00		110	80-120				
Calcium	1.05		"	1.00		105	80-120				
Chromium	0.212		"	0.200		106	80-120				
Cobalt	0.531		"	0.500		106	80-120				
Copper	0.302		"	0.250		121	80-120	High Bias			
Iron	0.924		"	1.00		92.4	80-120				
Lead	0.518		"	0.500		104	80-120				
Magnesium	0.986		"	1.00		98.6	80-120				
Manganese	0.551		"	0.500		110	80-120				
Nickel	0.535		"	0.500		107	80-120				
Potassium	1.10		"	1.00		110	80-120				
Silver	0.0512		"	0.0500		102	80-120				
Sodium	0.904		"	1.00		90.4	80-120				
Vanadium	0.524		"	0.500		105	80-120				
Zinc	0.516		"	0.500		103	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41421 - EPA 3015A											
Duplicate (BD41421-DUP1)	*Source sample: 24D0825-01 (Duplicate)								Prepared: 04/18/2024 Analyzed: 04/20/2024		
Aluminum	0.144	0.0556	mg/L		0.148				2.59	20	
Barium	0.0363	0.0278	"		0.0361				0.583	20	
Calcium	33.0	0.0556	"		33.0				0.0130	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	2.71	0.278	"		2.62				3.54	20	
Lead	0.00632	0.00556	"		ND					20	
Magnesium	21.0	0.0556	"		21.1				0.804	20	
Manganese	0.194	0.00556	"		0.192				0.987	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	22.3	0.0556	"		22.7				1.61	20	
Silver	ND	0.00556	"		ND					20	
Sodium	220	0.556	"		227				3.00	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0470	0.0278	"		0.0583				21.6	20	Non-dir.
Matrix Spike (BD41421-MS1)	*Source sample: 24D0825-01 (Matrix Spike)								Prepared: 04/18/2024 Analyzed: 04/20/2024		
Aluminum	2.59	0.0556	mg/L	2.22	0.148	110	75-125				
Barium	2.47	0.0278	"	2.22	0.0361	109	75-125				
Calcium	34.0	0.0556	"	1.11	33.0	89.7	75-125				
Chromium	0.233	0.00556	"	0.222	ND	105	75-125				
Cobalt	0.574	0.00444	"	0.556	ND	103	75-125				
Copper	0.342	0.0222	"	0.278	ND	123	75-125				
Iron	3.84	0.278	"	1.11	2.62	110	75-125				
Lead	0.556	0.00556	"	0.556	ND	100	75-125				
Magnesium	22.1	0.0556	"	1.11	21.1	85.5	75-125				
Manganese	0.786	0.00556	"	0.556	0.192	107	75-125				
Nickel	0.576	0.0111	"	0.556	ND	104	75-125				
Potassium	23.8	0.0556	"	1.11	22.7	104	75-125				
Silver	0.0587	0.00556	"	0.0556	ND	106	75-125				
Sodium	222	0.556	"	1.11	227	NR	75-125	Low Bias			
Vanadium	0.583	0.0111	"	0.556	ND	105	75-125				
Zinc	0.627	0.0278	"	0.556	0.0583	102	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41421 - EPA 3015A											
Post Spike (BD41421-PS1)	*Source sample: 24D0825-01 (Post Spike)							Prepared: 04/18/2024 Analyzed: 04/20/2024			
Aluminum	2.54		ug/mL	2.00	0.133	120	75-125				
Barium	2.46		"	2.00	0.0325	122	75-125				
Calcium	30.9		"	1.00	29.7	117	75-125				
Chromium	0.235		"	0.200	0.00261	116	75-125				
Cobalt	0.576		"	0.500	-0.000593	115	75-125				
Copper	0.338		"	0.250	0.0148	129	75-125	High Bias			
Iron	3.40		"	1.00	2.36	104	75-125				
Lead	0.562		"	0.500	0.00462	111	75-125				
Magnesium	19.8		"	1.00	19.0	76.5	75-125				
Manganese	0.767		"	0.500	0.173	119	75-125				
Nickel	0.577		"	0.500	-0.000218	115	75-125				
Potassium	21.3		"	1.00	20.4	88.3	75-125				
Silver	0.0166		"	0.0500	0.000187	32.9	75-125	Low Bias			
Sodium	197		"	1.00	204	NR	75-125	Low Bias			
Vanadium	0.585		"	0.500	0.00120	117	75-125				
Zinc	0.628		"	0.500	0.0525	115	75-125				
Batch BD41517 - EPA 3015A											
Blank (BD41517-BLK1)								Prepared: 04/19/2024 Analyzed: 04/20/2024			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	0.638	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41517 - EPA 3015A											
LCS (BD41517-BS1)								Prepared: 04/19/2024 Analyzed: 04/20/2024			
Aluminum	2.06		ug/mL	2.00		103	80-120				
Barium	2.19		"	2.00		110	80-120				
Calcium	0.923		"	1.00		92.3	80-120				
Chromium	0.213		"	0.200		106	80-120				
Cobalt	0.531		"	0.500		106	80-120				
Copper	0.291		"	0.250		116	80-120				
Iron	0.869		"	1.00		86.9	80-120				
Lead	0.518		"	0.500		104	80-120				
Magnesium	0.894		"	1.00		89.4	80-120				
Manganese	0.550		"	0.500		110	80-120				
Nickel	0.531		"	0.500		106	80-120				
Potassium	1.23		"	1.00		123	80-120	High Bias			
Silver	0.0496		"	0.0500		99.2	80-120				
Sodium	2.07		"	1.00		207	80-120	High Bias			
Vanadium	0.528		"	0.500		106	80-120				
Zinc	0.503		"	0.500		101	80-120				
Duplicate (BD41517-DUP1)	*Source sample: 24D0902-01 (Duplicate)							Prepared: 04/19/2024 Analyzed: 04/20/2024			
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	0.0523	0.0278	"		0.0527				0.779	20	
Calcium	48.3	0.0556	"		48.7				0.780	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	0.00530	0.00444	"		0.00545				2.73	20	
Copper	ND	0.0222	"		ND					20	
Iron	0.669	0.278	"		0.634				5.41	20	
Lead	0.00659	0.00556	"		ND					20	
Magnesium	27.4	0.0556	"		27.4				0.00596	20	
Manganese	2.49	0.00556	"		2.50				0.497	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	15.3	0.0556	"		15.4				0.331	20	
Silver	ND	0.00556	"		ND					20	
Sodium	426	0.556	"		425				0.400	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41517 - EPA 3015A											
Matrix Spike (BD41517-MS1)	*Source sample: 24D0902-01 (Matrix Spike)							Prepared: 04/19/2024 Analyzed: 04/20/2024			
Aluminum	2.46	0.0556	mg/L	2.22	ND	111	75-125				
Barium	2.54	0.0278	"	2.22	0.0527	112	75-125				
Calcium	49.6	0.0556	"	1.11	48.7	87.3	75-125				
Chromium	0.238	0.00556	"	0.222	ND	107	75-125				
Cobalt	0.590	0.00444	"	0.556	0.00545	105	75-125				
Copper	0.331	0.0222	"	0.278	ND	119	75-125				
Iron	1.76	0.278	"	1.11	0.634	101	75-125				
Lead	0.558	0.00556	"	0.556	ND	101	75-125				
Magnesium	27.9	0.0556	"	1.11	27.4	42.5	75-125	Low Bias			
Manganese	3.06	0.00556	"	0.556	2.50	101	75-125				
Nickel	0.585	0.0111	"	0.556	ND	105	75-125				
Potassium	16.2	0.0556	"	1.11	15.4	69.3	75-125	Low Bias			
Silver	0.0609	0.00556	"	0.0556	ND	110	75-125				
Sodium	414	0.556	"	1.11	425	NR	75-125	Low Bias			
Vanadium	0.592	0.0111	"	0.556	ND	106	75-125				
Zinc	0.612	0.0278	"	0.556	ND	110	75-125				
Post Spike (BD41517-PS1)	*Source sample: 24D0902-01 (Post Spike)							Prepared: 04/19/2024 Analyzed: 04/20/2024			
Aluminum	2.25		ug/mL	2.00	0.0402	110	75-125				
Barium	2.33		"	2.00	0.0475	114	75-125				
Calcium	45.4		"	1.00	43.8	159	75-125	High Bias			
Chromium	0.220		"	0.200	0.00257	108	75-125				
Cobalt	0.542		"	0.500	0.00490	107	75-125				
Copper	0.302		"	0.250	0.0100	117	75-125				
Iron	1.53		"	1.00	0.571	95.8	75-125				
Lead	0.516		"	0.500	0.00348	103	75-125				
Magnesium	25.5		"	1.00	24.6	87.6	75-125				
Manganese	2.78		"	0.500	2.25	106	75-125				
Nickel	0.539		"	0.500	0.000316	108	75-125				
Potassium	14.6		"	1.00	13.8	71.0	75-125	Low Bias			
Silver	0.0154		"	0.0500	0.000652	29.4	75-125	Low Bias			
Sodium	373		"	1.00	382	NR	75-125	Low Bias			
Vanadium	0.542		"	0.500	-0.000252	108	75-125				
Zinc	0.556		"	0.500	0.0148	108	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41518 - EPA 3015A											
Blank (BD41518-BLK1)										Prepared: 04/19/2024 Analyzed: 04/22/2024	
Antimony	ND	1.00	ug/L								
Arsenic	ND	1.00	"								
Beryllium	ND	0.300	"								
Cadmium	ND	0.500	"								
Selenium	ND	1.00	"								
Thallium	ND	1.00	"								
LCS (BD41518-BS1)										Prepared: 04/19/2024 Analyzed: 04/22/2024	
Antimony	50.3		ug/L	50.0		101	80-120				
Arsenic	49.4		"	50.0		98.8	80-120				
Beryllium	53.9		"	50.0		108	80-120				
Cadmium	50.2		"	50.0		100	80-120				
Selenium	47.7		"	50.0		95.4	80-120				
Thallium	49.4		"	50.0		98.9	80-120				
Duplicate (BD41518-DUP1)	*Source sample: 24D0902-01 (Duplicate)									Prepared: 04/19/2024 Analyzed: 04/22/2024	
Antimony	ND	1.00	ug/L		ND					20	
Arsenic	ND	1.00	"		ND					20	
Beryllium	ND	0.300	"		ND					20	
Cadmium	ND	0.500	"		ND					20	
Selenium	1.58	1.00	"		1.37				14.1	20	
Thallium	ND	1.00	"		ND					20	
Matrix Spike (BD41518-MS1)	*Source sample: 24D0902-01 (Matrix Spike)									Prepared: 04/19/2024 Analyzed: 04/22/2024	
Antimony	53.0		ug/L	50.0	0.056	106	75-125				
Arsenic	57.1		"	50.0	0.817	113	75-125				
Beryllium	48.3		"	50.0	0.068	96.5	75-125				
Cadmium	52.2		"	50.0	0.330	104	75-125				
Selenium	53.7		"	50.0	1.37	105	75-125				
Thallium	43.8		"	50.0	0.345	86.9	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41627 - EPA SW846-7470A											
Blank (BD41627-BLK1)									Prepared & Analyzed: 04/22/2024		
Mercury	ND	0.0002	mg/L								
Blank (BD41627-BLK2)									Prepared & Analyzed: 04/22/2024		
Mercury	ND	0.0002	mg/L								
LCS (BD41627-BS1)									Prepared & Analyzed: 04/22/2024		
Mercury	0.0019924	0.0002	mg/L	0.00200		99.6	80-120				
LCS (BD41627-BS2)									Prepared & Analyzed: 04/22/2024		
Mercury	0.0020510	0.0002	mg/L	0.00200		103	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41372 - Analysis Preparation											
Blank (BD41372-BLK1)								Prepared & Analyzed: 04/17/2024			
Cyanide, total	ND	0.0100	mg/L								
LCS (BD41372-BS1)								Prepared & Analyzed: 04/17/2024			
Cyanide, total	0.0870	0.0100	mg/L	0.100		87.0	80-120				
Duplicate (BD41372-DUP1)	*Source sample: 24D0815-01 (Duplicate)							Prepared & Analyzed: 04/17/2024			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BD41372-MS1)	*Source sample: 24D0815-01 (Matrix Spike)							Prepared & Analyzed: 04/17/2024			
Cyanide, total	0.0870	0.0100	mg/L	0.100	ND	87.0	79-105				
Matrix Spike Dup (BD41372-MSD1)	*Source sample: 24D0815-01 (Matrix Spike Dup)							Prepared & Analyzed: 04/17/2024			
Cyanide, total	0.0890	0.0100	mg/L	0.100	ND	89.0	79-105		2.27	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24D0867-01	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0867-02	MW-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0867-03	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0867-04	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2400867

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X
- PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-8	GW	4/11/24 900	VOCs, SVOCs, TAL Metals, pest+PCBs, PFAs 1163?, cyanide, 1,4 dioxane	40ml	3
MW-9		1020		1L	4
MW-10		1130		250ml	2
Trip Blank	O	N/A	VOCs	500ml H2SO4	1
Field Blank	1	1130	PFAs	40ml	2

Comments: BCP Site No: C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	4/12/24 10:20	Chain Custody	4-12-24 10:20	Chain Custody	4-12-24 1320
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 4/12/24 1320 Temperature 1.9 Degrees C

APPENDIX C
EXTERIOR SOIL GAS LABORATORY ANALYTICAL REPORT

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 01/09/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1390

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

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

Report Date: 01/09/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1390

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 29, 2022 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1390-02	SV-2	Soil Vapor	12/28/2022	12/29/2022
22L1390-03	SV-3	Soil Vapor	12/28/2022	12/29/2022
22L1390-04	SV-4	Soil Vapor	12/28/2022	12/29/2022
22L1390-05	SV-5	Soil Vapor	12/28/2022	12/29/2022
22L1390-06	SV-6	Soil Vapor	12/28/2022	12/29/2022
22L1390-07	SV-7	Soil Vapor	12/28/2022	12/29/2022
22L1390-08	AO	Outdoor Ambient Ai	12/28/2022	12/29/2022

General Notes for York Project (SDG) No.: 22L1390

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

Approved By:

Date: 01/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22L1390-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	46	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:			
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	37	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	46	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	52	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	37	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	27	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.7	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	100	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	25	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**140**		ug/m³	33	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**120**		ug/m³	8.3	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	52	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	40	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	**1,2-Dichlorobenzene**	**16**		ug/m³	10	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22L1390-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/m³	27	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	31	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**1100**	TO-CC V	ug/m³	47	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**970**		ug/m³	12	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
108-67-8	**1,3,5-Trimethylbenzene**	**130**		ug/m³	33	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
108-67-8	**1,3,5-Trimethylbenzene**	**130**		ug/m³	8.3	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
106-99-0	1,3-Butadiene	ND		ug/m³	45	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
106-99-0	1,3-Butadiene	ND		ug/m³	11	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	40	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	31	67.36	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 19:44	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	16.84	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 06:36	VH
106-46-7	**1,4-Dichlorobenzene**	**69**		ug/m³	40	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
106-46-7	**1,4-Dichlorobenzene**	**67**		ug/m³	10	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
123-91-1	1,4-Dioxane	ND		ug/m³	49	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
123-91-1	1,4-Dioxane	ND		ug/m³	12	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
78-93-3	2-Butanone	ND		ug/m³	20	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
78-93-3	**2-Butanone**	**25**		ug/m³	5.0	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
591-78-6	* 2-Hexanone	ND		ug/m³	55	67.36	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 19:44	VH
591-78-6	* 2-Hexanone	ND		ug/m³	14	16.84	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 06:36	VH
107-05-1	3-Chloropropene	ND		ug/m³	110	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22L1390-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	26	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	28	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
67-64-1	**Acetone**	**110**		ug/m³	32	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
67-64-1	**Acetone**	**93**		ug/m³	8.0	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
107-13-1	Acrylonitrile	ND		ug/m³	15	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
107-13-1	Acrylonitrile	ND		ug/m³	3.7	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
71-43-2	**Benzene**	**3200**		ug/m³	22	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
71-43-2	**Benzene**	**4300**	E	ug/m³	5.4	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
100-44-7	Benzyl chloride	ND		ug/m³	70	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
100-44-7	Benzyl chloride	ND		ug/m³	17	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
75-27-4	Bromodichloromethane	ND		ug/m³	45	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
75-27-4	Bromodichloromethane	ND		ug/m³	11	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
75-25-2	Bromoform	ND		ug/m³	70	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
75-25-2	Bromoform	ND		ug/m³	17	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	26	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
74-83-9	Bromomethane	ND		ug/m³	6.5	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
75-15-0	**Carbon disulfide**	**280**		ug/m³	21	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
75-15-0	**Carbon disulfide**	**260**		ug/m³	5.2	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	11	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
108-90-7	**Chlorobenzene**	**2300**		ug/m³	31	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
108-90-7	**Chlorobenzene**	**2500**		ug/m³	7.8	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22L1390-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	18	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
75-00-3	Chloroethane	ND		ug/m³	4.4	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
67-66-3	Chloroform	ND		ug/m³	33	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
67-66-3	Chloroform	ND		ug/m³	8.2	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
74-87-3	Chloromethane	ND		ug/m³	14	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
74-87-3	Chloromethane	ND		ug/m³	3.5	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
156-59-2	**cis-1,2-Dichloroethylene**	**29**		ug/m³	6.7	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.7	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	31	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
110-82-7	**Cyclohexane**	**6700**		ug/m³	23	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
110-82-7	**Cyclohexane**	**6200**	E	ug/m³	5.8	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
124-48-1	Dibromochloromethane	ND		ug/m³	57	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
124-48-1	Dibromochloromethane	ND		ug/m³	14	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
75-71-8	**Dichlorodifluoromethane**	**190**		ug/m³	33	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
75-71-8	**Dichlorodifluoromethane**	**180**		ug/m³	8.3	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
141-78-6	* Ethyl acetate	ND		ug/m³	49	67.36	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 19:44	VH
141-78-6	* Ethyl acetate	ND		ug/m³	12	16.84	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 06:36	VH
100-41-4	**Ethyl Benzene**	**47**		ug/m³	29	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH
100-41-4	**Ethyl Benzene**	**39**		ug/m³	7.3	16.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 06:36	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	72	67.36	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 19:44	VH

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22L1390-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	18	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
67-63-0	Isopropanol	ND		ug/m³	33	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
67-63-0	Isopropanol	ND		ug/m³	8.3	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	28	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	24	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
75-09-2	Methylene chloride	ND		ug/m³	47	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
75-09-2	Methylene chloride	ND		ug/m³	12	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
142-82-5	**n-Heptane**	**3100**		ug/m³	28	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
142-82-5	**n-Heptane**	**3800**	E	ug/m³	6.9	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
110-54-3	**n-Hexane**	**4500**		ug/m³	24	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
110-54-3	**n-Hexane**	**4700**	E	ug/m³	5.9	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
95-47-6	**o-Xylene**	**64**		ug/m³	29	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
95-47-6	**o-Xylene**	**64**		ug/m³	7.3	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
179601-23-1	**p- & m- Xylenes**	**200**		ug/m³	58	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH
179601-23-1	**p- & m- Xylenes**	**210**		ug/m³	15	16.84	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 06:36	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	33	67.36	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 19:44	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.3	16.84	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 06:36	VH
115-07-1	* Propylene	ND		ug/m³	12	67.36	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 19:44	VH
115-07-1	* Propylene	ND		ug/m³	2.9	16.84	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 06:36	VH
100-42-5	Styrene	ND		ug/m³	29	67.36	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 19:44	VH

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22L1390-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	7.2	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	46	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**24**		ug/m³	11	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	40	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:			
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:			
108-88-3	**Toluene**	**56**		ug/m³	25	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-88-3	**Toluene**	**46**		ug/m³	6.3	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	27	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.7	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	31	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**27**		ug/m³	2.3	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**29**		ug/m³	9.0	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	38	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.5	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	5.9	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	24	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	29	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	7.4	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	**Vinyl Chloride**	**86**		ug/m³	8.6	67.36	EPA TO-15	01/03/2023 08:00	01/03/2023 19:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	**Vinyl Chloride**	**78**		ug/m³	2.2	16.84	EPA TO-15	12/31/2022 15:00	01/01/2023 06:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 22L1390-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**1700000**		ppmv	3370	336.8	GC/FID	01/07/2023 09:47	01/07/2023 11:16	CLO
							Certifications:			

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 22L1390-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	6.1	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.8	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.1	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.8	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.8	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.6	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.88	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**6.5**		ug/m³	4.4	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.8	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.3	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.6	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.1	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	6.2	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	4.4	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 22L1390-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	5.9	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.3	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	4.1	8.87	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 20:31	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.3	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
123-91-1	1,4-Dioxane	ND		ug/m³	6.4	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
78-93-3	**2-Butanone**	**22**		ug/m³	2.6	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
591-78-6	* 2-Hexanone	ND		ug/m³	7.3	8.87	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 20:31	VH
107-05-1	3-Chloropropene	ND		ug/m³	14	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.6	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
67-64-1	**Acetone**	**99**		ug/m³	4.2	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
107-13-1	Acrylonitrile	ND		ug/m³	1.9	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
71-43-2	**Benzene**	**4.8**		ug/m³	2.8	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
100-44-7	Benzyl chloride	ND		ug/m³	9.2	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
75-27-4	Bromodichloromethane	ND		ug/m³	5.9	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
75-25-2	Bromoform	ND		ug/m³	9.2	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	3.4	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
75-15-0	**Carbon disulfide**	**59**		ug/m³	2.8	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	1.4	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
108-90-7	Chlorobenzene	ND		ug/m³	4.1	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	2.3	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
67-66-3	Chloroform	ND		ug/m³	4.3	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
74-87-3	**Chloromethane**	**4.2**		ug/m³	1.8	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
156-59-2	**cis-1,2-Dichloroethylene**	**4.9**		ug/m³	0.88	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **22L1390-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.0	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
110-82-7	**Cyclohexane**	**18**		ug/m³	3.1	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
124-48-1	Dibromochloromethane	ND		ug/m³	7.6	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.4	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
141-78-6	* Ethyl acetate	ND		ug/m³	6.4	8.87	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 20:31	VH
100-41-4	**Ethyl Benzene**	**25**		ug/m³	3.9	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	9.5	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
67-63-0	Isopropanol	ND		ug/m³	4.4	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	3.6	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.2	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
75-09-2	Methylene chloride	ND		ug/m³	6.2	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
142-82-5	**n-Heptane**	**48**		ug/m³	3.6	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
110-54-3	**n-Hexane**	**1200**		ug/m³	3.1	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
95-47-6	**o-Xylene**	**8.5**		ug/m³	3.9	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
179601-23-1	**p- & m- Xylenes**	**27**		ug/m³	7.7	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
622-96-8	*** p-Ethyltoluene**	**7.4**		ug/m³	4.4	8.87	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 20:31	VH
115-07-1	* Propylene	ND		ug/m³	1.5	8.87	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 20:31	VH
100-42-5	Styrene	ND		ug/m³	3.8	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
127-18-4	**Tetrachloroethylene**	**30**		ug/m³	6.0	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.2	8.87	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 20:31	VH
108-88-3	**Toluene**	**21**		ug/m³	3.3	8.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 20:31	VH

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 22L1390-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.5	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.0	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	1.2	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	5.0	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	3.1	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	3.9	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	**Vinyl Chloride**	**2.3**		ug/m³	1.1	8.87	EPA TO-15	01/03/2023 08:00	01/03/2023 20:31	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**41400**		ppmv	3550	354.8	GC/FID	01/07/2023 09:47	01/07/2023 11:26	CLO
							Certifications:			

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 22L1390-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 22L1390-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.80	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.9	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
95-63-6	**1,2,4-Trimethylbenzene**	**3.4**		ug/m³	0.97	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.80	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.91	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	1.4	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
108-67-8	**1,3,5-Trimethylbenzene**	**1.1**		ug/m³	0.97	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.91	1.971	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 22:11	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
78-93-3	**2-Butanone**	**97**		ug/m³	0.58	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
591-78-6	*** 2-Hexanone**	**9.4**		ug/m³	1.6	1.971	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 22:11	VH
107-05-1	3-Chloropropene	ND		ug/m³	3.1	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.81	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
67-64-1	**Acetone**	**92**		ug/m³	0.94	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.43	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
71-43-2	**Benzene**	**1.1**		ug/m³	0.63	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 22L1390-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	2.0	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-25-2	Bromoform	ND		ug/m³	2.0	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.77	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-15-0	**Carbon disulfide**	**0.86**		ug/m³	0.61	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	0.31	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.91	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	0.52	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
67-66-3	**Chloroform**	**7.6**		ug/m³	0.96	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
74-87-3	Chloromethane	ND		ug/m³	0.41	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.20	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.89	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
110-82-7	Cyclohexane	ND		ug/m³	0.68	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.97	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.971	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 22:11	VH
100-41-4	**Ethyl Benzene**	**3.7**		ug/m³	0.86	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	2.1	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
67-63-0	Isopropanol	ND		ug/m³	0.97	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.81	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.71	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH
75-09-2	Methylene chloride	ND		ug/m³	1.4	1.971	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 22:11	VH

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 22L1390-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	**n-Heptane**	**2.2**		ug/m³	0.81	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**26**		ug/m³	0.69	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**2.7**		ug/m³	0.86	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**7.4**		ug/m³	1.7	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**4.1**		ug/m³	0.97	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.34	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.84	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**13**		ug/m³	1.3	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.2	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications:			
108-88-3	**Toluene**	**38**		ug/m³	0.74	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.78	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.89	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.95**		ug/m³	0.26	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.1	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.69	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.86	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.25	1.971	EPA TO-15	01/03/2023 08:00	01/03/2023 22:11	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**772**		ppmv	19.7	1.97	GC/FID	01/07/2023 09:47	01/07/2023 11:34	CLO
							Certifications:			

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 22L1390-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.822	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:04	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.99	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.99	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.7	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
95-63-6	**1,2,4-Trimethylbenzene**	**2.9**		ug/m³	0.90	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	1.3	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
108-67-8	**1,3,5-Trimethylbenzene**	**0.90**		ug/m³	0.90	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.822	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:04	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
78-93-3	**2-Butanone**	**99**		ug/m³	0.54	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
591-78-6	*** 2-Hexanone**	**7.6**		ug/m³	1.5	1.822	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:04	VH

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 22L1390-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.75	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
67-64-1	**Acetone**	**90**		ug/m³	0.87	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.40	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
71-43-2	Benzene	ND		ug/m³	0.58	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.9	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-25-2	Bromoform	ND		ug/m³	1.9	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.71	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-15-0	**Carbon disulfide**	**1.5**		ug/m³	0.57	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	0.29	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	0.48	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
67-66-3	**Chloroform**	**2.8**		ug/m³	0.89	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
74-87-3	Chloromethane	ND		ug/m³	0.38	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
110-82-7	Cyclohexane	ND		ug/m³	0.63	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.90	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.822	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:04	VH
100-41-4	**Ethyl Benzene**	**3.5**		ug/m³	0.79	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 22L1390-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	1.9	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
67-63-0	**Isopropanol**	**1.4**		ug/m³	0.90	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-09-2	Methylene chloride	ND		ug/m³	1.3	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
142-82-5	**n-Heptane**	**1.3**		ug/m³	0.75	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
110-54-3	**n-Hexane**	**2.1**		ug/m³	0.64	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
95-47-6	**o-Xylene**	**2.7**		ug/m³	0.79	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
179601-23-1	**p- & m- Xylenes**	**7.3**		ug/m³	1.6	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
622-96-8	*** p-Ethyltoluene**	**3.6**		ug/m³	0.90	1.822	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:04	VH
115-07-1	*** Propylene**	**25**		ug/m³	0.31	1.822	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:04	VH
100-42-5	Styrene	ND		ug/m³	0.78	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
127-18-4	**Tetrachloroethylene**	**7.2**		ug/m³	1.2	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.822	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:04	VH
108-88-3	**Toluene**	**41**		ug/m³	0.69	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.24	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.3**		ug/m³	1.0	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.64	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.822	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:04	VH

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 22L1390-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.822	EPA TO-15	01/03/2023 08:00	01/03/2023 23:04	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**57.4**		ppmv	18.2	1.82	GC/FID	01/07/2023 09:47	01/07/2023 11:39	CLO
							Certifications:			

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 22L1390-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.86	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.68	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.86	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.96	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.68	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.51	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.12	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.9	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.62	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.96	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.75	1.254	EPA TO-15	01/03/2023 08:00	01/03/2023 23:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 22L1390-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.51	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.58	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	0.88	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.62	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
106-99-0	**1,3-Butadiene**	**1.2**		ug/m³	0.83	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.75	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.58	1.254	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:57	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.75	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.90	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
78-93-3	**2-Butanone**	**7.1**		ug/m³	0.37	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
591-78-6	* 2-Hexanone	ND		ug/m³	1.0	1.254	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:57	VH
107-05-1	3-Chloropropene	ND		ug/m³	2.0	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.51	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
67-64-1	**Acetone**	**14**		ug/m³	0.60	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.27	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
71-43-2	**Benzene**	**9.9**		ug/m³	0.40	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.3	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.84	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
75-25-2	Bromoform	ND		ug/m³	1.3	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.49	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
75-15-0	**Carbon disulfide**	**5.3**		ug/m³	0.39	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
56-23-5	**Carbon tetrachloride**	**0.32**		ug/m³	0.20	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.58	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 22L1390-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	0.33	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
67-66-3	Chloroform	ND		ug/m³	0.61	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
74-87-3	**Chloromethane**	**0.80**		ug/m³	0.26	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.57	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
110-82-7	**Cyclohexane**	**1.9**		ug/m³	0.43	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.1	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.62	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
141-78-6	* Ethyl acetate	ND		ug/m³	0.90	1.254	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:57	VH
100-41-4	**Ethyl Benzene**	**0.54**		ug/m³	0.54	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	1.3	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
67-63-0	Isopropanol	ND		ug/m³	0.62	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.51	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.45	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
75-09-2	Methylene chloride	ND		ug/m³	0.87	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
142-82-5	**n-Heptane**	**2.0**		ug/m³	0.51	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
110-54-3	**n-Hexane**	**93**		ug/m³	0.44	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
95-47-6	o-Xylene	ND		ug/m³	0.54	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.1	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.62	1.254	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:57	VH
115-07-1	*** Propylene**	**58**		ug/m³	0.22	1.254	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:57	VH
100-42-5	Styrene	ND		ug/m³	0.53	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 22L1390-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/m³	0.85	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
109-99-9	*** Tetrahydrofuran**	**2.5**		ug/m³	0.74	1.254	EPA TO-15 Certifications:	01/03/2023 08:00	01/03/2023 23:57	VH
108-88-3	**Toluene**	**6.0**		ug/m³	0.47	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.50	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.57	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.17	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.99**		ug/m³	0.70	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.44	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.55	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.16	1.254	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/03/2023 23:57	VH

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**42.6**		ppmv	12.5	1.25	GC/FID Certifications:	01/07/2023 09:47	01/07/2023 11:42	CLO

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 22L1390-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	11	15.92	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 10:29	VH

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 22L1390-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	22	31.84	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 00:44	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	17	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	22	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	24	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	17	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.4	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	13	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	3.2	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	47	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	24	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	16	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	24	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	12	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	19	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	13	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.4	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 22L1390-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m³	15	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.4	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**36**	TO-CCV	ug/m³	22	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**39**		ug/m³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	16	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
106-99-0	1,3-Butadiene	ND		ug/m³	21	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
106-99-0	1,3-Butadiene	ND		ug/m³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	19	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	15	31.84	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 00:44	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.4	15.92	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 10:29	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	19	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
123-91-1	1,4-Dioxane	ND		ug/m³	23	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
123-91-1	1,4-Dioxane	ND		ug/m³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
78-93-3	**2-Butanone**	**26**		ug/m³	9.4	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
78-93-3	**2-Butanone**	**28**		ug/m³	4.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
591-78-6	* 2-Hexanone	ND		ug/m³	26	31.84	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 00:44	VH
591-78-6	* 2-Hexanone	ND		ug/m³	13	15.92	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 10:29	VH
107-05-1	3-Chloropropene	ND		ug/m³	50	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
107-05-1	3-Chloropropene	ND		ug/m³	25	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	13	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 22L1390-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
67-64-1	**Acetone**	**53**		ug/m³	15	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
67-64-1	**Acetone**	**54**		ug/m³	7.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
107-13-1	Acrylonitrile	ND		ug/m³	6.9	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
107-13-1	Acrylonitrile	ND		ug/m³	3.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
71-43-2	Benzene	ND		ug/m³	10	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
71-43-2	Benzene	ND		ug/m³	5.1	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
100-44-7	Benzyl chloride	ND		ug/m³	33	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
100-44-7	Benzyl chloride	ND		ug/m³	16	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-27-4	Bromodichloromethane	ND		ug/m³	21	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-27-4	Bromodichloromethane	ND		ug/m³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-25-2	Bromoform	ND		ug/m³	33	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-25-2	Bromoform	ND		ug/m³	16	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	12	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
74-83-9	Bromomethane	ND		ug/m³	6.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-15-0	Carbon disulfide	ND		ug/m³	9.9	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-15-0	Carbon disulfide	ND		ug/m³	5.0	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	5.0	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	2.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
108-90-7	Chlorobenzene	ND		ug/m³	15	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
108-90-7	Chlorobenzene	ND		ug/m³	7.3	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	8.4	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-00-3	Chloroethane	ND		ug/m³	4.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 22L1390-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	16	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
67-66-3	Chloroform	ND		ug/m³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
74-87-3	Chloromethane	ND		ug/m³	6.6	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
74-87-3	Chloromethane	ND		ug/m³	3.3	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	3.2	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
156-59-2	**cis-1,2-Dichloroethylene**	**7.6**		ug/m³	1.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	14	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
110-82-7	**Cyclohexane**	**2400**		ug/m³	11	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
110-82-7	**Cyclohexane**	**2800**	E	ug/m³	5.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
124-48-1	Dibromochloromethane	ND		ug/m³	27	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
124-48-1	Dibromochloromethane	ND		ug/m³	14	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m³	16	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m³	7.9	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
141-78-6	* Ethyl acetate	ND		ug/m³	23	31.84	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 00:44	VH
141-78-6	* Ethyl acetate	ND		ug/m³	11	15.92	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 10:29	VH
100-41-4	**Ethyl Benzene**	**18**		ug/m³	14	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
100-41-4	**Ethyl Benzene**	**21**		ug/m³	6.9	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	34	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	17	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 22L1390-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	ND		ug/m³	16	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
67-63-0	Isopropanol	ND		ug/m³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	6.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	13	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	11	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-09-2	Methylene chloride	ND		ug/m³	22	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-09-2	Methylene chloride	ND		ug/m³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
142-82-5	**n-Heptane**	**1200**		ug/m³	13	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
142-82-5	**n-Heptane**	**1700**		ug/m³	6.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
110-54-3	**n-Hexane**	**310**		ug/m³	11	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
110-54-3	n-Hexane	ND		ug/m³	5.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
95-47-6	**o-Xylene**	**30**		ug/m³	14	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
95-47-6	**o-Xylene**	**37**		ug/m³	6.9	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
179601-23-1	**p- & m- Xylenes**	**44**		ug/m³	28	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
179601-23-1	**p- & m- Xylenes**	**54**		ug/m³	14	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	16	31.84	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 00:44	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	7.8	15.92	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 10:29	VH
115-07-1	* Propylene	ND		ug/m³	5.5	31.84	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 00:44	VH
115-07-1	* Propylene	ND		ug/m³	2.7	15.92	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 10:29	VH
100-42-5	Styrene	ND		ug/m³	14	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
100-42-5	Styrene	ND		ug/m³	6.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	22	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 22L1390-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/m³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	19	31.84	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 00:44	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.4	15.92	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 10:29	VH
108-88-3	**Toluene**	**130**		ug/m³	12	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
108-88-3	**Toluene**	**190**		ug/m³	6.0	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	13	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.3	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	14	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
79-01-6	Trichloroethylene	ND		ug/m³	4.3	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
79-01-6	Trichloroethylene	ND		ug/m³	2.1	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	8.9	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	18	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
108-05-4	Vinyl acetate	ND		ug/m³	5.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
108-05-4	Vinyl acetate	ND		ug/m³	11	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
593-60-2	Vinyl bromide	ND		ug/m³	7.0	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH
593-60-2	Vinyl bromide	ND		ug/m³	14	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-01-4	Vinyl Chloride	ND		ug/m³	4.1	31.84	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 00:44	VH
75-01-4	Vinyl Chloride	ND		ug/m³	2.0	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 10:29	VH

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**110**		ppmv	15.9	1.59	GC/FID Certifications:	01/07/2023 09:47	01/07/2023 11:45	CLO

Sample Information

Client Sample ID: AO

York Sample ID: 22L1390-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Outdoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.56	0.823	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 05:49	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.45	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.56	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.63	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.45	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.082	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.40	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.63	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.49	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.38	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.58	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.55	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.49	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.38	0.823	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 05:49	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.49	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.59	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.24	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
591-78-6	* 2-Hexanone	ND		ug/m³	0.67	0.823	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 05:49	VH
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH

Sample Information

Client Sample ID: AO

York Sample ID: 22L1390-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Outdoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.34	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
67-64-1	**Acetone**	**7.9**		ug/m³	0.39	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.18	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
71-43-2	**Benzene**	**0.53**		ug/m³	0.26	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.85	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.55	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
75-25-2	Bromoform	ND		ug/m³	0.85	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
74-83-9	Bromomethane	ND		ug/m³	0.32	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.26	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
56-23-5	**Carbon tetrachloride**	**0.36**		ug/m³	0.13	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.38	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
75-00-3	Chloroethane	ND		ug/m³	0.22	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
67-66-3	Chloroform	ND		ug/m³	0.40	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.17	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.082	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
124-48-1	Dibromochloromethane	ND		ug/m³	0.70	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.41	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
141-78-6	* Ethyl acetate	ND		ug/m³	0.59	0.823	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 05:49	VH
100-41-4	Ethyl Benzene	ND		ug/m³	0.36	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.88	0.823	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 05:49	VH

Sample Information

Client Sample ID: AO

York Sample ID: 22L1390-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Outdoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**4.5**		ug/m³	0.40	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.34	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.30	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.63**		ug/m³	0.57	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.34	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.52**		ug/m³	0.29	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.36	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.71	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.40	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.14	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.35	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.56	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* **Tetrahydrofuran**	**3.2**		ug/m³	0.49	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:			
108-88-3	**Toluene**	**8.0**		ug/m³	0.31	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.33	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.46	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.29	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.36	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.823	EPA TO-15	12/31/2022 15:00	01/01/2023 05:49	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **AO** **York Sample ID:** **22L1390-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1390	C314132 Willow Brook Rentals LLC	Outdoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	15.4	1.54	GC/FID	01/07/2023 09:47	01/07/2023 11:48	CLO

Certifications:

Analytical Batch Summary

Batch ID: BA30076 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
22L1390-02RE1	SV-2	01/03/23
22L1390-03	SV-3	01/03/23
22L1390-04	SV-4	01/03/23
22L1390-05	SV-5	01/03/23
22L1390-06	SV-6	01/03/23
22L1390-07RE1	SV-7	01/03/23
BA30076-BLK1	Blank	01/03/23
BA30076-BS1	LCS	01/03/23
BA30076-DUP1	Duplicate	01/03/23

Batch ID: BA30286 **Preparation Method:** PREP for GASES by GC **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
22L1390-02	SV-2	01/07/23
22L1390-03	SV-3	01/07/23
22L1390-04	SV-4	01/07/23
22L1390-05	SV-5	01/07/23
22L1390-06	SV-6	01/07/23
22L1390-07	SV-7	01/07/23
22L1390-08	AO	01/07/23
BA30286-BLK1	Blank	01/07/23
BA30286-DUP1	Duplicate	01/07/23

Batch ID: BL21788 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
22L1390-02	SV-2	12/31/22
22L1390-07	SV-7	12/31/22
22L1390-08	AO	12/31/22
BL21788-BLK1	Blank	12/31/22
BL21788-BS1	LCS	12/31/22
BL21788-DUP1	Duplicate	12/31/22

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30076 - EPA TO15 PREP											
Blank (BA30076-BLK1)											Prepared & Analyzed: 01/03/2023
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

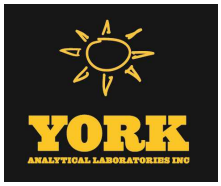
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30076 - EPA TO15 PREP											
Blank (BA30076-BLK1)										Prepared & Analyzed: 01/03/2023	
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BA30076-BS1)										Prepared & Analyzed: 01/03/2023	
1,1,1,2-Tetrachloroethane	9.63		ppbv	10.0		96.3	70-130				
1,1,1-Trichloroethane	9.91		"	10.0		99.1	70-130				
1,1,2,2-Tetrachloroethane	9.81		"	10.0		98.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.34		"	10.0		93.4	70-130				
1,1,2-Trichloroethane	8.60		"	10.0		86.0	70-130				
1,1-Dichloroethane	9.32		"	10.0		93.2	70-130				
1,1-Dichloroethylene	10.2		"	10.0		102	70-130				
1,2,4-Trichlorobenzene	7.80		"	10.0		78.0	70-130				
1,2,4-Trimethylbenzene	8.73		"	10.0		87.3	70-130				
1,2-Dibromoethane	9.06		"	10.0		90.6	70-130				
1,2-Dichlorobenzene	8.29		"	10.0		82.9	70-130				
1,2-Dichloroethane	9.69		"	10.0		96.9	70-130				
1,2-Dichloropropane	10.3		"	10.0		103	70-130				
1,2-Dichlorotetrafluoroethane	8.78		"	10.0		87.8	70-130				
1,3,5-Trimethylbenzene	8.78		"	10.0		87.8	70-130				
1,3-Butadiene	8.27		"	10.0		82.7	70-130				
1,3-Dichlorobenzene	8.61		"	10.0		86.1	70-130				
1,3-Dichloropropane	10.1		"	10.0		101	70-130				
1,4-Dichlorobenzene	8.40		"	10.0		84.0	70-130				
1,4-Dioxane	9.31		"	10.0		93.1	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	7.91		"	10.0		79.1	70-130				
3-Chloropropene	11.1		"	10.0		111	70-130				
4-Methyl-2-pentanone	8.70		"	10.0		87.0	70-130				
Acetone	8.78		"	10.0		87.8	70-130				
Acrylonitrile	10.8		"	10.0		108	70-130				
Benzene	9.89		"	10.0		98.9	70-130				
Benzyl chloride	8.26		"	10.0		82.6	70-130				
Bromodichloromethane	9.96		"	10.0		99.6	70-130				
Bromoform	8.81		"	10.0		88.1	70-130				
Bromomethane	9.06		"	10.0		90.6	70-130				
Carbon disulfide	9.25		"	10.0		92.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30076 - EPA TO15 PREP											
LCS (BA30076-BS1)								Prepared & Analyzed: 01/03/2023			
Carbon tetrachloride	10.3		ppbv	10.0		103	70-130				
Chlorobenzene	9.55		"	10.0		95.5	70-130				
Chloroethane	9.41		"	10.0		94.1	70-130				
Chloroform	9.60		"	10.0		96.0	70-130				
Chloromethane	8.35		"	10.0		83.5	70-130				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	70-130				
cis-1,3-Dichloropropylene	9.37		"	10.0		93.7	70-130				
Cyclohexane	9.55		"	10.0		95.5	70-130				
Dibromochloromethane	9.38		"	10.0		93.8	70-130				
Dichlorodifluoromethane	10.3		"	10.0		103	70-130				
Ethyl acetate	10.3		"	10.0		103	70-130				
Ethyl Benzene	10.9		"	10.0		109	70-130				
Hexachlorobutadiene	5.38		"	10.0		53.8	70-130	Low Bias			
Isopropanol	8.13		"	10.0		81.3	70-130				
Methyl Methacrylate	8.37		"	10.0		83.7	70-130				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	70-130				
Methylene chloride	8.19		"	10.0		81.9	70-130				
n-Heptane	8.53		"	10.0		85.3	70-130				
n-Hexane	9.46		"	10.0		94.6	70-130				
o-Xylene	8.48		"	10.0		84.8	70-130				
p- & m- Xylenes	16.6		"	20.0		82.8	70-130				
p-Ethyltoluene	8.79		"	10.0		87.9	70-130				
Propylene	11.3		"	10.0		113	70-130				
Styrene	8.05		"	10.0		80.5	70-130				
Tetrachloroethylene	9.46		"	10.0		94.6	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	8.96		"	10.0		89.6	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130				
Trichloroethylene	9.50		"	10.0		95.0	70-130				
Trichlorofluoromethane (Freon 11)	9.46		"	10.0		94.6	70-130				
Vinyl acetate	8.77		"	10.0		87.7	70-130				
Vinyl bromide	10.7		"	10.0		107	70-130				
Vinyl Chloride	9.00		"	10.0		90.0	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30076 - EPA TO15 PREP											
Duplicate (BA30076-DUP1)	*Source sample: 22L1390-03 (SV-3)								Prepared & Analyzed: 01/03/2023		
1,1,1,2-Tetrachloroethane	ND	6.1	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	4.8	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	6.1	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	6.8	"		ND					25	
1,1,2-Trichloroethane	ND	4.8	"		ND					25	
1,1-Dichloroethane	ND	3.6	"		ND					25	
1,1-Dichloroethylene	ND	0.88	"		ND					25	
1,2,4-Trichlorobenzene	ND	6.6	"		ND					25	
1,2,4-Trimethylbenzene	6.5	4.4	"		6.5				0.00	25	
1,2-Dibromoethane	ND	6.8	"		ND					25	
1,2-Dichlorobenzene	ND	5.3	"		ND					25	
1,2-Dichloroethane	ND	3.6	"		ND					25	
1,2-Dichloropropane	ND	4.1	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	6.2	"		ND					25	
1,3,5-Trimethylbenzene	ND	4.4	"		2.6					25	
1,3-Butadiene	ND	5.9	"		ND					25	
1,3-Dichlorobenzene	ND	5.3	"		ND					25	
1,3-Dichloropropane	ND	4.1	"		ND					25	
1,4-Dichlorobenzene	ND	5.3	"		ND					25	
1,4-Dioxane	ND	6.4	"		ND					25	
2-Butanone	22	2.6	"		22				2.38	25	
2-Hexanone	ND	7.3	"		ND					25	
3-Chloropropene	ND	14	"		ND					25	
4-Methyl-2-pentanone	ND	3.6	"		ND					25	
Acetone	100	4.2	"		99				6.00	25	
Acrylonitrile	ND	1.9	"		ND					25	
Benzene	4.8	2.8	"		4.8				0.00	25	
Benzyl chloride	ND	4.6	"		ND					25	
Bromodichloromethane	ND	5.9	"		ND					25	
Bromoform	ND	9.2	"		ND					25	
Bromomethane	ND	3.4	"		ND					25	
Carbon disulfide	61	2.8	"		59				2.75	25	
Carbon tetrachloride	ND	1.4	"		ND					25	
Chlorobenzene	ND	4.1	"		ND					25	
Chloroethane	ND	2.3	"		ND					25	
Chloroform	ND	4.3	"		ND					25	
Chloromethane	4.2	1.8	"		4.2				0.00	25	
cis-1,2-Dichloroethylene	4.9	0.88	"		4.9				0.00	25	
cis-1,3-Dichloropropylene	ND	4.0	"		ND					25	
Cyclohexane	19	3.1	"		18				3.33	25	
Dibromochloromethane	ND	7.6	"		ND					25	
Dichlorodifluoromethane	ND	4.4	"		ND					25	
Ethyl acetate	ND	6.4	"		ND					25	
Ethyl Benzene	26	3.9	"		25				4.51	25	
Hexachlorobutadiene	ND	9.5	"		ND					25	
Isopropanol	ND	4.4	"		ND					25	
Methyl Methacrylate	ND	3.6	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	3.2	"		ND					25	
Methylene chloride	2.5	6.2	"		2.5				0.00	25	
n-Heptane	49	3.6	"		48				1.50	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30076 - EPA TO15 PREP											
Duplicate (BA30076-DUP1)	*Source sample: 22L1390-03 (SV-3)								Prepared & Analyzed: 01/03/2023		
n-Hexane	1200	3.1	ug/m³		1200				0.379	25	
o-Xylene	8.9	3.9	"		8.5				4.44	25	
p- & m- Xylenes	27	7.7	"		27				2.86	25	
p-Ethyltoluene	7.0	4.4	"		7.4				6.06	25	
Propylene	ND	1.5	"		ND					25	
Styrene	ND	3.8	"		ND					25	
Tetrachloroethylene	31	6.0	"		30				3.92	25	
Tetrahydrofuran	ND	5.2	"		ND					25	
Toluene	22	3.3	"		21				4.72	25	
trans-1,2-Dichloroethylene	ND	3.5	"		ND					25	
trans-1,3-Dichloropropylene	ND	4.0	"		ND					25	
Trichloroethylene	ND	1.2	"		ND					25	
Trichlorofluoromethane (Freon 11)	ND	5.0	"		ND					25	
Vinyl acetate	ND	3.1	"		ND					25	
Vinyl bromide	ND	3.9	"		ND					25	
Vinyl Chloride	2.3	1.1	"		2.3				0.00	25	
Batch BL21788 - EPA TO15 PREP											
Blank (BL21788-BLK1)									Prepared & Analyzed: 12/31/2022		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21788 - EPA TO15 PREP											
Blank (BL21788-BLK1)											
Prepared & Analyzed: 12/31/2022											
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21788 - EPA TO15 PREP											
LCS (BL21788-BS1)								Prepared & Analyzed: 12/31/2022			
1,1,1,2-Tetrachloroethane	10.2		ppbv	10.0		102	70-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130				
1,1,2-Trichloroethane	9.34		"	10.0		93.4	70-130				
1,1-Dichloroethane	9.37		"	10.0		93.7	70-130				
1,1-Dichloroethylene	10.7		"	10.0		107	70-130				
1,2,4-Trichlorobenzene	7.97		"	10.0		79.7	70-130				
1,2,4-Trimethylbenzene	9.31		"	10.0		93.1	70-130				
1,2-Dibromoethane	9.36		"	10.0		93.6	70-130				
1,2-Dichlorobenzene	9.05		"	10.0		90.5	70-130				
1,2-Dichloroethane	10.1		"	10.0		101	70-130				
1,2-Dichloropropane	10.6		"	10.0		106	70-130				
1,2-Dichlorotetrafluoroethane	11.4		"	10.0		114	70-130				
1,3,5-Trimethylbenzene	9.22		"	10.0		92.2	70-130				
1,3-Butadiene	10.8		"	10.0		108	70-130				
1,3-Dichlorobenzene	9.42		"	10.0		94.2	70-130				
1,3-Dichloropropane	9.87		"	10.0		98.7	70-130				
1,4-Dichlorobenzene	9.11		"	10.0		91.1	70-130				
1,4-Dioxane	9.24		"	10.0		92.4	70-130				
2-Butanone	9.90		"	10.0		99.0	70-130				
2-Hexanone	8.27		"	10.0		82.7	70-130				
3-Chloropropene	10.8		"	10.0		108	70-130				
4-Methyl-2-pentanone	8.25		"	10.0		82.5	70-130				
Acetone	8.96		"	10.0		89.6	70-130				
Acrylonitrile	10.5		"	10.0		105	70-130				
Benzene	11.2		"	10.0		112	70-130				
Benzyl chloride	8.91		"	10.0		89.1	70-130				
Bromodichloromethane	10.3		"	10.0		103	70-130				
Bromoform	9.40		"	10.0		94.0	70-130				
Bromomethane	11.0		"	10.0		110	70-130				
Carbon disulfide	9.36		"	10.0		93.6	70-130				
Carbon tetrachloride	11.2		"	10.0		112	70-130				
Chlorobenzene	9.92		"	10.0		99.2	70-130				
Chloroethane	10.2		"	10.0		102	70-130				
Chloroform	10.0		"	10.0		100	70-130				
Chloromethane	10.5		"	10.0		105	70-130				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
cis-1,3-Dichloropropylene	8.96		"	10.0		89.6	70-130				
Cyclohexane	9.47		"	10.0		94.7	70-130				
Dibromochloromethane	10.1		"	10.0		101	70-130				
Dichlorodifluoromethane	11.8		"	10.0		118	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	11.2		"	10.0		112	70-130				
Hexachlorobutadiene	6.18		"	10.0		61.8	70-130	Low Bias			
Isopropanol	8.34		"	10.0		83.4	70-130				
Methyl Methacrylate	8.49		"	10.0		84.9	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	8.34		"	10.0		83.4	70-130				
n-Heptane	9.25		"	10.0		92.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21788 - EPA TO15 PREP											
LCS (BL21788-BS1)								Prepared & Analyzed: 12/31/2022			
n-Hexane	9.78		ppbv	10.0		97.8	70-130				
o-Xylene	8.81		"	10.0		88.1	70-130				
p- & m- Xylenes	17.3		"	20.0		86.4	70-130				
p-Ethyltoluene	9.26		"	10.0		92.6	70-130				
Propylene	12.3		"	10.0		123	70-130				
Styrene	8.57		"	10.0		85.7	70-130				
Tetrachloroethylene	10.3		"	10.0		103	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	9.28		"	10.0		92.8	70-130				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130				
trans-1,3-Dichloropropylene	9.17		"	10.0		91.7	70-130				
Trichloroethylene	9.63		"	10.0		96.3	70-130				
Trichlorofluoromethane (Freon 11)	10.9		"	10.0		109	70-130				
Vinyl acetate	8.62		"	10.0		86.2	70-130				
Vinyl bromide	12.0		"	10.0		120	70-130				
Vinyl Chloride	11.4		"	10.0		114	70-130				
Duplicate (BL21788-DUP1)	*Source sample: 22L1266-01RE1 (Duplicate)							Prepared & Analyzed: 12/31/2022			
1,1,1,2-Tetrachloroethane	ND	4.6	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	3.7	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	4.6	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.1	"		ND					25	
1,1,2-Trichloroethane	ND	3.7	"		ND					25	
1,1-Dichloroethane	ND	2.7	"		ND					25	
1,1-Dichloroethylene	ND	0.66	"		ND					25	
1,2,4-Trichlorobenzene	ND	5.0	"		ND					25	
1,2,4-Trimethylbenzene	ND	3.3	"		ND					25	
1,2-Dibromoethane	ND	5.1	"		ND					25	
1,2-Dichlorobenzene	ND	4.0	"		ND					25	
1,2-Dichloroethane	ND	2.7	"		ND					25	
1,2-Dichloropropane	ND	3.1	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	4.7	"		ND					25	
1,3,5-Trimethylbenzene	ND	3.3	"		ND					25	
1,3-Butadiene	ND	4.4	"		ND					25	
1,3-Dichlorobenzene	ND	4.0	"		ND					25	
1,3-Dichloropropane	ND	3.1	"		ND					25	
1,4-Dichlorobenzene	ND	4.0	"		ND					25	
1,4-Dioxane	ND	4.8	"		ND					25	
2-Butanone	ND	2.0	"		ND					25	
2-Hexanone	ND	5.5	"		ND					25	
3-Chloropropene	ND	10	"		ND					25	
4-Methyl-2-pentanone	ND	2.7	"		ND					25	
Acetone	8.0	3.2	"		8.9				11.3	25	
Acrylonitrile	ND	1.5	"		ND					25	
Benzene	ND	2.1	"		ND					25	
Benzyl chloride	ND	3.5	"		ND					25	
Bromodichloromethane	ND	4.5	"		ND					25	
Bromoform	ND	6.9	"		ND					25	
Bromomethane	ND	2.6	"		ND					25	
Carbon disulfide	ND	2.1	"		ND					25	
Carbon tetrachloride	ND	1.1	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21788 - EPA TO15 PREP											
Duplicate (BL21788-DUP1)	*Source sample: 22L1266-01RE1 (Duplicate)								Prepared & Analyzed: 12/31/2022		
Chlorobenzene	ND	3.1	ug/m³		ND					25	
Chloroethane	ND	1.8	"		ND					25	
Chloroform	ND	3.3	"		ND					25	
Chloromethane	ND	1.4	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.66	"		ND					25	
cis-1,3-Dichloropropylene	ND	3.0	"		ND					25	
Cyclohexane	ND	2.3	"		ND					25	
Dibromochloromethane	ND	5.7	"		ND					25	
Dichlorodifluoromethane	3.6	3.3	"		4.3				16.7	25	
Ethyl acetate	ND	4.8	"		ND					25	
Ethyl Benzene	ND	2.9	"		ND					25	
Hexachlorobutadiene	ND	7.1	"		ND					25	
Isopropanol	6.1	3.3	"		6.8				10.3	25	
Methyl Methacrylate	ND	2.7	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	2.4	"		ND					25	
Methylene chloride	2.1	4.7	"		2.1				0.00	25	
n-Heptane	ND	2.7	"		ND					25	
n-Hexane	ND	2.4	"		ND					25	
o-Xylene	ND	2.9	"		ND					25	
p- & m- Xylenes	ND	5.8	"		ND					25	
p-Ethyltoluene	ND	3.3	"		ND					25	
Propylene	ND	1.2	"		ND					25	
Styrene	ND	2.9	"		ND					25	
Tetrachloroethylene	1100	4.5	"		1100				4.68	25	
Tetrahydrofuran	ND	4.0	"		ND					25	
Toluene	ND	2.5	"		ND					25	
trans-1,2-Dichloroethylene	ND	2.7	"		ND					25	
trans-1,3-Dichloropropylene	ND	3.0	"		ND					25	
Trichloroethylene	2.5	0.90	"		2.9				13.3	25	
Trichlorofluoromethane (Freon 11)	20	3.8	"		21				7.27	25	
Vinyl acetate	ND	2.4	"		ND					25	
Vinyl bromide	ND	2.9	"		ND					25	
Vinyl Chloride	ND	0.86	"		0.86					25	

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30286 - PREP for GASES by GC											
Blank (BA30286-BLK1)								Prepared & Analyzed: 01/07/2023			
Methane	ND	10.0	ppmv								
Duplicate (BA30286-DUP1)	*Source sample: 22L1391-06 (Duplicate)							Prepared & Analyzed: 01/07/2023			
Methane	35.3	17.5	ppmv		27.5				25.0	20	Non-dir.

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record - AIR

YORK Project No. 22L1390

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

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Deborah Thompson

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

Deborah Thompson

Air Matrix Codes

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

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-1	12/28/22	AS	-30	-29	36998	7085	TO-15 + Methane
SV-2			-30	-6	34493	6863	
SV-3			-30	-10	15612	13557	
SV-4			-30	-11	19529	Y-28	
SV-5			-30	-10	16695	7289	
SV-6			-30	-1	41842	7607	
SV-7			-30	-8	22079	3541	
AO		AO	-28	-6	17347	13569	

Comments: * SV-1 may have a faulty gauge. Check vac at lab and contact Deb T. 8:30

Detection Limits Required

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

Sampling Media

6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Client York	12.29.22 8:30	Client York	12-29-22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[illegible]	12:00 12/29/22	[illegible] 13:27 12/29/22			
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible] 12/29/22 @ 1377	

APPENDIX C
INTERIOR SOIL GAS, INDOOR AIR AND SSDS EXTRACTED VAPOR LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 01/09/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1391

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

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

Report Date: 01/09/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1391

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 29, 2022 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1391-01	SG-1	Soil Vapor	12/28/2022	12/29/2022
22L1391-02	IA-1	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-03	SG-2	Soil Vapor	12/28/2022	12/29/2022
22L1391-04	IA-2	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-05	SG-3	Soil Vapor	12/28/2022	12/29/2022
22L1391-06	IA-3	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-07	SG-4	Soil Vapor	12/28/2022	12/29/2022
22L1391-08	IA-4	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-09	SG-5	Soil Vapor	12/28/2022	12/29/2022
22L1391-10	IA-5	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-11	SG-6	Soil Vapor	12/28/2022	12/29/2022
22L1391-12	IA-6	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-13	SG-7	Soil Vapor	12/28/2022	12/29/2022
22L1391-14	IA-7	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-15	SG-8	Soil Vapor	12/28/2022	12/29/2022
22L1391-16	IA-8	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-17	SG-9	Soil Vapor	12/28/2022	12/29/2022
22L1391-18	IA-9	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-19	SG-10	Soil Vapor	12/28/2022	12/29/2022
22L1391-20	IA-10	Indoor Ambient Air	12/28/2022	12/29/2022

General Notes for York Project (SDG) No.: 22L1391

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

Approved By: **Date:** 01/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 22L1391-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.762	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 22:16	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.96	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.96	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.71	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
95-63-6	**1,2,4-Trimethylbenzene**	**2.6**		ug/m³	0.87	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.71	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.81	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**27**		ug/m³	1.2	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.87	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.762	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 22:16	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.81	1.762	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 22:16	VH

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 22L1391-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
78-93-3	**2-Butanone**	**7.4**		ug/m³	0.52	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.762	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 22:16	VH
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.72	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
67-64-1	**Acetone**	**67**		ug/m³	0.84	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.38	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
71-43-2	**Benzene**	**1.1**		ug/m³	0.56	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.91	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
75-25-2	Bromoform	ND		ug/m³	1.8	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
74-83-9	Bromomethane	ND		ug/m³	0.68	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.55	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	0.28	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.81	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
75-00-3	Chloroethane	ND		ug/m³	0.46	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
67-66-3	Chloroform	ND		ug/m³	0.86	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
74-87-3	Chloromethane	ND		ug/m³	0.36	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 22L1391-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
110-82-7	Cyclohexane	ND		ug/m³	0.61	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
75-71-8	**Dichlorodifluoromethane**	**6.5**		ug/m³	0.87	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.762	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 22:16	VH
100-41-4	**Ethyl Benzene**	**2.4**		ug/m³	0.77	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
67-63-0	**Isopropanol**	**14**		ug/m³	0.87	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
80-62-6	**Methyl Methacrylate**	**3.3**		ug/m³	0.72	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
142-82-5	**n-Heptane**	**1.6**		ug/m³	0.72	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
110-54-3	**n-Hexane**	**0.81**		ug/m³	0.62	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
95-47-6	**o-Xylene**	**2.4**		ug/m³	0.77	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
179601-23-1	**p- & m- Xylenes**	**6.6**		ug/m³	1.5	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
622-96-8	*** p-Ethyltoluene**	**1.8**		ug/m³	0.87	1.762	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 22:16	VH
115-07-1	*** Propylene**	**0.91**		ug/m³	0.30	1.762	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 22:16	VH
100-42-5	**Styrene**	**0.90**		ug/m³	0.75	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH
127-18-4	**Tetrachloroethylene**	**4.8**		ug/m³	1.2	1.762	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 22:16	VH

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 22L1391-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* **Tetrahydrofuran**	**56**		ug/m³	1.0	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:			
108-88-3	**Toluene**	**120**		ug/m³	0.66	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.24	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.99	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.62	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.77	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.762	EPA TO-15	12/31/2022 15:00	01/01/2023 22:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**20.0**		ppmv	17.6	1.76	GC/FID	01/07/2023 09:47	01/07/2023 11:51	CLO
							Certifications:			

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L1391-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L1391-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.67	0.976	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 01:54	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.53	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.67	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.75	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.53	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.097	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.48	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.75	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.68	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.48	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.65	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.976	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 01:54	VH

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L1391-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.59	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.70	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**55**		ug/m³	0.29	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.80	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.40	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**140**		ug/m³	1.7	3.664	EPA TO-15	12/31/2022 15:00	01/01/2023 13:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.21	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.31	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.0	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.65	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.0	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.38	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.55**		ug/m³	0.30	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.31**		ug/m³	0.15	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.45	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.26	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.48	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.93**		ug/m³	0.20	0.976	EPA TO-15	12/31/2022 15:00	01/01/2023 01:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L1391-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.097	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
110-82-7	**Cyclohexane**	**0.50**		ug/m³	0.34	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
124-48-1	Dibromochloromethane	ND		ug/m³	0.83	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.48	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
141-78-6	*** Ethyl acetate**	**3.0**		ug/m³	0.70	0.976	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 01:54	VH
100-41-4	**Ethyl Benzene**	**2.2**		ug/m³	0.42	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	1.0	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
67-63-0	**Isopropanol**	**1.7**		ug/m³	0.48	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
75-09-2	Methylene chloride	ND		ug/m³	0.68	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
142-82-5	**n-Heptane**	**7.8**		ug/m³	0.40	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
110-54-3	**n-Hexane**	**2.2**		ug/m³	0.34	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.42	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
179601-23-1	**p- & m- Xylenes**	**4.7**		ug/m³	0.85	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH
622-96-8	*** p-Ethyltoluene**	**1.2**		ug/m³	0.48	0.976	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 01:54	VH
115-07-1	* Propylene	ND		ug/m³	0.17	0.976	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 01:54	VH
100-42-5	**Styrene**	**0.96**		ug/m³	0.42	0.976	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 01:54	VH

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L1391-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/m³	0.66	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
109-99-9	*** Tetrahydrofuran**	**220**		ug/m³	2.2	3.664	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 13:05	VH
108-88-3	**Toluene**	**460**		ug/m³	1.4	3.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 13:05	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.55	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 01:54	VH

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**20.8**		ppmv	18.3	1.83	GC/FID Certifications:	01/07/2023 09:47	01/07/2023 11:56	CLO

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 22L1391-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 22L1391-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.94	1.364	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 23:19	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.74	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.94	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.0	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.74	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.55	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.0	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.7**		ug/m³	0.67	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.82	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.55	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.63	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**1.9**		ug/m³	0.95	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.67	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.91	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.82	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.63	1.364	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 23:19	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.82	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 22L1391-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	0.98	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
78-93-3	**2-Butanone**	**5.4**		ug/m³	0.40	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.364	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 23:19	VH
107-05-1	3-Chloropropene	ND		ug/m³	2.1	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.56	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
67-64-1	**Acetone**	**39**		ug/m³	0.65	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.30	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
71-43-2	**Benzene**	**1.0**		ug/m³	0.44	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.71	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.91	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-25-2	Bromoform	ND		ug/m³	1.4	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
74-83-9	Bromomethane	ND		ug/m³	0.53	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.42	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.21	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.63	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-00-3	Chloroethane	ND		ug/m³	0.36	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
67-66-3	Chloroform	ND		ug/m³	0.67	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
74-87-3	**Chloromethane**	**0.42**		ug/m³	0.28	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 22L1391-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.62	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
110-82-7	Cyclohexane	ND		ug/m³	0.47	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-71-8	**Dichlorodifluoromethane**	**3.1**		ug/m³	0.67	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
141-78-6	* Ethyl acetate	ND		ug/m³	0.98	1.364	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 23:19	VH
100-41-4	**Ethyl Benzene**	**1.5**		ug/m³	0.59	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
67-63-0	**Isopropanol**	**25**		ug/m³	0.67	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
80-62-6	**Methyl Methacrylate**	**1.7**		ug/m³	0.56	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.49	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
75-09-2	Methylene chloride	ND		ug/m³	0.95	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
142-82-5	**n-Heptane**	**1.1**		ug/m³	0.56	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
110-54-3	**n-Hexane**	**0.96**		ug/m³	0.48	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.59	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
179601-23-1	**p- & m- Xylenes**	**4.0**		ug/m³	1.2	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
622-96-8	* **p-Ethyltoluene**	**1.1**		ug/m³	0.67	1.364	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 23:19	VH
115-07-1	* **Propylene**	**0.54**		ug/m³	0.23	1.364	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 23:19	VH
100-42-5	**Styrene**	**0.81**		ug/m³	0.58	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
127-18-4	**Tetrachloroethylene**	**12**		ug/m³	0.93	1.364	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 23:19	VH
109-99-9	* **Tetrahydrofuran**	**16**		ug/m³	0.80	1.364	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 23:19	VH

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 22L1391-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**54**		ug/m³	0.51	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.54	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.62	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.29**		ug/m³	0.18	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.77	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.48	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.60	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.17	1.364	EPA TO-15	12/31/2022 15:00	01/01/2023 23:19	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	13.6	1.36	GC/FID	01/07/2023 09:47	01/07/2023 11:58	CLO
							Certifications:			

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L1391-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:			

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L1391-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.2**		ug/m³	0.50	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.67	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.47	1.01	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 02:53	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.73	1.01	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 02:53	VH

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L1391-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**65**		ug/m³	0.30	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**170**		ug/m³	1.8	3.792	EPA TO-15	12/31/2022 15:00	01/01/2023 13:54	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.22	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	0.32	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.0	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.68	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.0	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.39	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**0.66**		ug/m³	0.31	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.32**		ug/m³	0.16	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.46	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.27	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.49	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**0.98**		ug/m³	0.21	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L1391-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	**Cyclohexane**	**0.52**		ug/m³	0.35	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.86	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.50	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**3.0**		ug/m³	0.73	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.1**		ug/m³	0.44	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	1.1	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**1.7**		ug/m³	0.50	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	0.70	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**8.8**		ug/m³	0.41	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**2.0**		ug/m³	0.36	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.44	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**4.3**		ug/m³	0.88	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.50	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:			
100-42-5	**Styrene**	**0.90**		ug/m³	0.43	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**260**		ug/m³	2.2	3.792	EPA TO-15	12/31/2022 15:00	01/01/2023 13:54	VH
							Certifications:			

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L1391-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**480**		ug/m³	1.4	3.792	EPA TO-15	12/31/2022 15:00	01/01/2023 13:54	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.57	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.36	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.44	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.01	EPA TO-15	12/31/2022 15:00	01/01/2023 02:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	19.0	1.9	GC/FID	01/07/2023 09:47	01/07/2023 12:02	CLO
							Certifications:			

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22L1391-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:			

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22L1391-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.91	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.91	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV	ug/m³	1.2	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
95-63-6	**1,2,4-Trimethylbenzene**	**2.3**		ug/m³	0.82	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.77	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**7.1**		ug/m³	1.2	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.82	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.77	1.67	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 02:46	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22L1391-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**8.4**		ug/m³	0.49	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.68	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**45**		ug/m³	0.79	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**1.2**		ug/m³	0.53	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.86	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.7	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.65	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.52	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.77	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.44	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.82	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.34	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.17	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22L1391-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/m³	0.57	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
75-71-8	**Dichlorodifluoromethane**	**3.3**		ug/m³	0.83	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.67	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 02:46	AC
100-41-4	**Ethyl Benzene**	**2.1**		ug/m³	0.73	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
67-63-0	**Isopropanol**	**22**		ug/m³	0.82	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
80-62-6	**Methyl Methacrylate**	**2.3**		ug/m³	0.68	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.60	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.68	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
110-54-3	**n-Hexane**	**0.94**		ug/m³	0.59	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
95-47-6	**o-Xylene**	**2.2**		ug/m³	0.73	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
179601-23-1	**p- & m- Xylenes**	**5.9**		ug/m³	1.5	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
622-96-8	*** p-Ethyltoluene**	**1.6**		ug/m³	0.82	1.67	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 02:46	AC
115-07-1	*** Propylene**	**0.37**		ug/m³	0.29	1.67	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 02:46	AC
100-42-5	**Styrene**	**1.1**		ug/m³	0.71	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
127-18-4	**Tetrachloroethylene**	**4.2**		ug/m³	1.1	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC
109-99-9	*** Tetrahydrofuran**	**26**		ug/m³	0.99	1.67	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 02:46	AC
108-88-3	**Toluene**	**79**		ug/m³	0.63	1.67	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:46	AC

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22L1391-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.66	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.36**		ug/m³	0.22	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.94	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.59	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.73	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.67	EPA TO-15	12/31/2022 15:00	01/04/2023 02:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	16.7	1.67	GC/FID	01/07/2023 09:47	01/07/2023 12:05	CLO
							Certifications:			

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L1391-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.931	EPA TO-15	12/31/2022 15:00	01/01/2023 03:52	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.931	EPA TO-15	12/31/2022 15:00	01/01/2023 03:52	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L1391-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.71	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.092	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.5**		ug/m³	0.46	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.65	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.931	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 03:52	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.56	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
78-93-3	**2-Butanone**	**39**		ug/m³	0.27	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L1391-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.76	0.931	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 03:52	VH
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
67-64-1	**Acetone**	**100**		ug/m³	1.7	3.494	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 15:42	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
71-43-2	Benzene	ND		ug/m³	0.30	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.96	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.62	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
75-25-2	Bromoform	ND		ug/m³	0.96	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
74-83-9	Bromomethane	ND		ug/m³	0.36	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
75-15-0	**Carbon disulfide**	**0.41**		ug/m³	0.29	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
56-23-5	**Carbon tetrachloride**	**0.29**		ug/m³	0.15	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
75-00-3	Chloroethane	ND		ug/m³	0.25	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
67-66-3	Chloroform	ND		ug/m³	0.45	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.19	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.092	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH
110-82-7	**Cyclohexane**	**0.61**		ug/m³	0.32	0.931	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 03:52	VH

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L1391-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	0.79	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.46	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
141-78-6	*** Ethyl acetate**	**2.9**		ug/m³	0.67	0.931	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 03:52	VH
100-41-4	**Ethyl Benzene**	**2.5**		ug/m³	0.40	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.99	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
67-63-0	**Isopropanol**	**4.0**		ug/m³	0.46	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
75-09-2	Methylene chloride	ND		ug/m³	0.65	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
142-82-5	**n-Heptane**	**5.4**		ug/m³	0.38	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
110-54-3	**n-Hexane**	**2.7**		ug/m³	0.33	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
95-47-6	**o-Xylene**	**1.9**		ug/m³	0.40	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
179601-23-1	**p- & m- Xylenes**	**5.4**		ug/m³	0.81	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
622-96-8	*** p-Ethyltoluene**	**1.4**		ug/m³	0.46	0.931	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 03:52	VH
115-07-1	* Propylene	ND		ug/m³	0.16	0.931	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 03:52	VH
100-42-5	**Styrene**	**0.99**		ug/m³	0.40	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	0.63	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
109-99-9	*** Tetrahydrofuran**	**150**		ug/m³	2.1	3.494	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 15:42	VH
108-88-3	**Toluene**	**450**		ug/m³	1.3	3.494	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 15:42	VH

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L1391-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.52	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.33	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.931	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 03:52	VH

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**27.5**		ppmv	17.5	1.75	GC/FID Certifications:	01/07/2023 09:47	01/07/2023 12:38	CLO

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22L1391-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.772	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 03:49	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.97	1.772	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:49	AC

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22L1391-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	**1,1,2,2-Tetrachloroethane**	**1.6**		ug/m³	1.2	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.97	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV	ug/m³	1.3	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	**1,2,4-Trimethylbenzene**	**2.4**		ug/m³	0.87	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	**1,2-Dichlorotetrafluoroethane**	**110**		ug/m³	1.2	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.87	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.82	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**18**		ug/m³	0.52	1.772	EPA TO-15	12/31/2022 15:00	01/04/2023 03:49	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22L1391-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.772	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 03:49	AC
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.73	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
67-64-1	**Acetone**	**140**		ug/m³	0.84	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
107-13-1	Acrylonitrile	ND		ug/m³	0.38	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
71-43-2	**Benzene**	**1.9**		ug/m³	0.57	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
100-44-7	Benzyl chloride	ND		ug/m³	0.92	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-25-2	Bromoform	ND		ug/m³	1.8	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
74-83-9	Bromomethane	ND		ug/m³	0.69	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-15-0	Carbon disulfide	ND		ug/m³	0.55	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	0.28	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
108-90-7	Chlorobenzene	ND		ug/m³	0.82	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-00-3	Chloroethane	ND		ug/m³	0.47	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
67-66-3	Chloroform	ND		ug/m³	0.87	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
74-87-3	**Chloromethane**	**0.48**		ug/m³	0.37	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
110-82-7	Cyclohexane	ND		ug/m³	0.61	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22L1391-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-71-8	**Dichlorodifluoromethane**	**5.4**		ug/m³	0.88	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.772	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 03:49	AC
100-41-4	**Ethyl Benzene**	**2.5**		ug/m³	0.77	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
67-63-0	**Isopropanol**	**22**		ug/m³	0.87	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
80-62-6	**Methyl Methacrylate**	**6.6**		ug/m³	0.73	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
142-82-5	**n-Heptane**	**3.6**		ug/m³	0.73	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
110-54-3	**n-Hexane**	**1.7**		ug/m³	0.62	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
95-47-6	**o-Xylene**	**2.9**		ug/m³	0.77	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
179601-23-1	**p- & m- Xylenes**	**6.5**		ug/m³	1.5	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
622-96-8	*** p-Ethyltoluene**	**1.7**		ug/m³	0.87	1.772	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 03:49	AC
115-07-1	*** Propylene**	**1.8**		ug/m³	0.30	1.772	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 03:49	AC
100-42-5	**Styrene**	**1.3**		ug/m³	0.75	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
127-18-4	**Tetrachloroethylene**	**3.2**		ug/m³	1.2	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
109-99-9	*** Tetrahydrofuran**	**72**		ug/m³	1.0	1.772	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 03:49	AC
108-88-3	**Toluene**	**150**		ug/m³	0.67	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22L1391-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
79-01-6	**Trichloroethylene**	**0.38**		ug/m³	0.24	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	1.0	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
108-05-4	Vinyl acetate	ND		ug/m³	0.62	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
593-60-2	Vinyl bromide	ND		ug/m³	0.78	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.772	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 03:49	AC

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	17.7	1.77	GC/FID Certifications:	01/07/2023 09:47	01/07/2023 12:15	CLO

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L1391-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.63	0.913	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 04:51	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.50	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.63	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L1391-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.70	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.50	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.37	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.090	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.2**		ug/m³	0.45	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.70	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.55	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.37	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.42	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.64	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.45	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.61	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.55	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.42	0.913	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 04:51	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.55	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.66	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
78-93-3	**2-Butanone**	**45**		ug/m³	0.27	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/01/2023 04:51	VH
591-78-6	* 2-Hexanone	ND		ug/m³	0.75	0.913	EPA TO-15 Certifications:	12/31/2022 15:00	01/01/2023 04:51	VH

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L1391-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.37	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
67-64-1	**Acetone**	**110**		ug/m³	1.6	3.428	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 16:47	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
71-43-2	Benzene	ND		ug/m³	0.29	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.95	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.61	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
75-25-2	Bromoform	ND		ug/m³	0.94	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
74-83-9	Bromomethane	ND		ug/m³	0.35	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
75-15-0	**Carbon disulfide**	**0.43**		ug/m³	0.28	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.14	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.42	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
75-00-3	Chloroethane	ND		ug/m³	0.24	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
67-66-3	Chloroform	ND		ug/m³	0.45	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.19	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.090	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.41	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
110-82-7	**Cyclohexane**	**0.47**		ug/m³	0.31	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH
124-48-1	Dibromochloromethane	ND		ug/m³	0.78	0.913	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/01/2023 04:51	VH

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L1391-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.45	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**3.2**		ug/m³	0.66	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.9**		ug/m³	0.40	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.97	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**2.7**		ug/m³	0.45	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.37	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.33	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	0.63	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**5.9**		ug/m³	0.37	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**1.9**		ug/m³	0.32	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.40	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**3.8**		ug/m³	0.79	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.99**		ug/m³	0.45	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.16	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:			
100-42-5	**Styrene**	**0.82**		ug/m³	0.39	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**0.99**		ug/m³	0.62	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**170**		ug/m³	2.0	3.428	EPA TO-15	01/03/2023 08:00	01/03/2023 16:47	VH
							Certifications:			
108-88-3	**Toluene**	**490**		ug/m³	1.3	3.428	EPA TO-15	01/03/2023 08:00	01/03/2023 16:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.36	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L1391-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.41	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.51	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.32	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.40	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.913	EPA TO-15	12/31/2022 15:00	01/01/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**18.0**		ppmv	17.1	1.71	GC/FID	01/07/2023 09:47	01/07/2023 12:18	CLO
							Certifications:			

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22L1391-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.3	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.8	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	**1,1,2,2-Tetrachloroethane**	**2.3**		ug/m³	2.3	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22L1391-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.6	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.8	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.4	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.33	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV	ug/m³	2.5	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
95-63-6	**1,2,4-Trimethylbenzene**	**2.5**		ug/m³	1.6	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.6	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.0	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.4	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.5	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**14**		ug/m³	2.3	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.6	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
106-99-0	1,3-Butadiene	ND		ug/m³	2.2	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.0	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.5	3.348	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 04:48	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.0	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
123-91-1	1,4-Dioxane	ND		ug/m³	2.4	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
78-93-3	**2-Butanone**	**28**		ug/m³	0.99	3.348	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 04:48	AC
591-78-6	* 2-Hexanone	ND		ug/m³	2.7	3.348	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 04:48	AC

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22L1391-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	5.2	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.4	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**120**		ug/m³	1.6	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.73	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.1**		ug/m³	1.1	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.7	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	2.2	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	3.5	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	1.3	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	1.0	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.53	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	1.5	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.88	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**4.1**		ug/m³	1.6	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.69	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.33	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.5	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	1.2	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	2.9	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22L1391-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**6.1**		ug/m³	1.7	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	2.4	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.6**		ug/m³	1.5	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.6	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**26**		ug/m³	1.6	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	**Methyl Methacrylate**	**3.0**		ug/m³	1.4	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.2	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	2.3	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**3.8**		ug/m³	1.4	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**1.2**		ug/m³	1.2	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**4.1**		ug/m³	1.5	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**8.0**		ug/m³	2.9	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**2.0**		ug/m³	1.6	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:			
115-07-1	*** Propylene**	**0.58**		ug/m³	0.58	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.4	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**22**		ug/m³	2.3	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**220**		ug/m³	2.0	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:			
108-88-3	**Toluene**	**96**		ug/m³	1.3	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.3	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.5	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22L1391-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**1.4**		ug/m³	0.45	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.6**		ug/m³	1.9	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	1.2	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	1.5	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.43	3.348	EPA TO-15	12/31/2022 15:00	01/04/2023 04:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	16.7	1.67	GC/FID	01/07/2023 09:47	01/07/2023 12:21	CLO
							Certifications:			

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 22L1391-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.61	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.49	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.61	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.68	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 22L1391-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.49	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.088	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.88**		ug/m³	0.44	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.54	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	0.62	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.44	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.59	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.54	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.891	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 01:43	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.54	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
78-93-3	**2-Butanone**	**42**		ug/m³	0.26	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
591-78-6	* 2-Hexanone	ND		ug/m³	0.73	0.891	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 01:43	VH
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 22L1391-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.37	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
67-64-1	**Acetone**	**130**		ug/m³	1.6	3.344	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 08:07	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.19	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
71-43-2	Benzene	ND		ug/m³	0.28	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.92	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.60	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
75-25-2	Bromoform	ND		ug/m³	0.92	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.35	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
75-15-0	**Carbon disulfide**	**0.47**		ug/m³	0.28	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.14	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.41	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	0.24	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
67-66-3	Chloroform	ND		ug/m³	0.44	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
74-87-3	**Chloromethane**	**0.94**		ug/m³	0.18	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.088	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
110-82-7	**Cyclohexane**	**0.43**		ug/m³	0.31	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
124-48-1	Dibromochloromethane	ND		ug/m³	0.76	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.44	0.891	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 01:43	VH
141-78-6	*** Ethyl acetate**	**2.7**		ug/m³	0.64	0.891	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 01:43	VH

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 22L1391-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**1.8**		ug/m³	0.39	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.95	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**1.8**		ug/m³	0.44	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	0.62	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**5.3**		ug/m³	0.37	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**1.7**		ug/m³	0.31	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.2**		ug/m³	0.39	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**3.4**		ug/m³	0.77	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.83**		ug/m³	0.44	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.15	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications:			
100-42-5	**Styrene**	**0.65**		ug/m³	0.38	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.60	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**180**		ug/m³	2.0	3.344	EPA TO-15	01/03/2023 08:00	01/04/2023 08:07	VH
							Certifications:			
108-88-3	**Toluene**	**570**		ug/m³	1.3	3.344	EPA TO-15	01/03/2023 08:00	01/04/2023 08:07	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA-5 **York Sample ID:** 22L1391-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.95**		ug/m³	0.50	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.891	EPA TO-15	01/03/2023 08:00	01/04/2023 01:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**17.7**		ppmv	16.7	1.67	GC/FID	01/07/2023 09:47	01/07/2023 12:24	CLO
							Certifications:			

Sample Information

Client Sample ID: SG-6 **York Sample ID:** 22L1391-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.9	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	**1,1,2,2-Tetrachloroethane**	**2.5**		ug/m³	2.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.9	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SG-6 **York Sample ID:** 22L1391-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.4	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.35	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV	ug/m³	2.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.2**		ug/m³	1.8	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.4	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**410**		ug/m³	2.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.8	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	2.4	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	2.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**15**		ug/m³	1.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	2.9	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	5.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-6 **York Sample ID:** 22L1391-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**220**		ug/m³	1.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.78	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**1.7**		ug/m³	1.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.8	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	2.4	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	3.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	1.4	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	1.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.56	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	1.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.94	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**12**		ug/m³	1.7	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.74	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.35	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**27**		ug/m³	1.2	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	3.0	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**43**		ug/m³	1.8	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	2.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:			

Sample Information

Client Sample ID: SG-6 **York Sample ID:** 22L1391-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**3.1**		ug/m³	1.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.8	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**37**		ug/m³	1.8	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**5.1**		ug/m³	1.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.3	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	2.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**2.3**		ug/m³	1.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.6**		ug/m³	1.3	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**3.9**		ug/m³	1.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**8.7**		ug/m³	3.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**2.1**		ug/m³	1.8	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.61	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:			
100-42-5	**Styrene**	**1.5**		ug/m³	1.5	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**14**		ug/m³	2.4	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**75**		ug/m³	2.1	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:			
108-88-3	**Toluene**	**91**		ug/m³	1.3	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.4	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**1.2**		ug/m³	0.48	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	2.0	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-6 **York Sample ID:** 22L1391-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	1.3	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	1.6	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.46	3.572	EPA TO-15	12/31/2022 15:00	01/04/2023 05:48	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	7960		ppmv	17.9	1.79	GC/FID	01/07/2023 09:47	01/07/2023 12:27	CLO
							Certifications:			

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 22L1391-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.76	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.60	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.76	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.85	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.60	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.45	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 22L1391-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.6	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.1**		ug/m³	0.54	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.85	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.67	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.45	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.51	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	0.77	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.54	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.74	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.67	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.51	1.108	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 02:42	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.67	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.80	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
78-93-3	**2-Butanone**	**42**		ug/m³	0.33	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
591-78-6	* 2-Hexanone	ND		ug/m³	0.91	1.108	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 02:42	VH
107-05-1	3-Chloropropene	ND		ug/m³	1.7	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.45	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
67-64-1	**Acetone**	**120**		ug/m³	2.0	4.16	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 08:56	VH

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 22L1391-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/m³	0.24	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
71-43-2	**Benzene**	**1.5**		ug/m³	0.35	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.1	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.74	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
75-25-2	Bromoform	ND		ug/m³	1.1	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.43	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
75-15-0	**Carbon disulfide**	**0.41**		ug/m³	0.35	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
56-23-5	**Carbon tetrachloride**	**0.35**		ug/m³	0.17	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.51	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	0.29	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
67-66-3	Chloroform	ND		ug/m³	0.54	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
74-87-3	**Chloromethane**	**1.0**		ug/m³	0.23	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.11	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.50	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
110-82-7	**Cyclohexane**	**0.61**		ug/m³	0.38	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
124-48-1	Dibromochloromethane	ND		ug/m³	0.94	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.55	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH
141-78-6	*** Ethyl acetate**	**2.8**		ug/m³	0.80	1.108	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 02:42	VH
100-41-4	**Ethyl Benzene**	**2.0**		ug/m³	0.48	1.108	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 02:42	VH

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 22L1391-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	1.2	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
67-63-0	**Isopropanol**	**3.1**		ug/m³	0.54	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.45	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.40	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
75-09-2	Methylene chloride	ND		ug/m³	0.77	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
142-82-5	**n-Heptane**	**5.9**		ug/m³	0.45	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
110-54-3	**n-Hexane**	**2.0**		ug/m³	0.39	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.48	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
179601-23-1	**p- & m- Xylenes**	**3.8**		ug/m³	0.96	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
622-96-8	*** p-Ethyltoluene**	**1.0**		ug/m³	0.54	1.108	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 02:42	VH
115-07-1	* Propylene	ND		ug/m³	0.19	1.108	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 02:42	VH
100-42-5	**Styrene**	**0.76**		ug/m³	0.47	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	0.75	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
109-99-9	*** Tetrahydrofuran**	**170**		ug/m³	2.5	4.16	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 08:56	VH
108-88-3	**Toluene**	**440**		ug/m³	1.6	4.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 08:56	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.44	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.50	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.15	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.62	1.108	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 02:42	VH

Sample Information

Client Sample ID: IA-6 **York Sample ID:** 22L1391-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	0.39	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.48	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.14	1.108	EPA TO-15	01/03/2023 08:00	01/04/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**42.1**		ppmv	20.8	2.08	GC/FID	01/07/2023 09:47	01/07/2023 12:30	CLO
							Certifications:			

Sample Information

Client Sample ID: SG-7 **York Sample ID:** 22L1391-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	2.034	EPA TO-15	12/31/2022 15:00	01/04/2023 06:51	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	2.034	EPA TO-15	12/31/2022 15:00	01/04/2023 06:51	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	**1,1,2,2-Tetrachloroethane**	**3.1**		ug/m³	1.4	2.034	EPA TO-15	12/31/2022 15:00	01/04/2023 06:51	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.6	2.034	EPA TO-15	12/31/2022 15:00	01/04/2023 06:51	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	2.034	EPA TO-15	12/31/2022 15:00	01/04/2023 06:51	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.82	2.034	EPA TO-15	12/31/2022 15:00	01/04/2023 06:51	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-7 **York Sample ID:** 22L1391-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV	ug/m³	1.5	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
95-63-6	**1,2,4-Trimethylbenzene**	**3.7**		ug/m³	1.0	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.6	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.82	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.94	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**17**		ug/m³	1.4	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
108-67-8	**1,3,5-Trimethylbenzene**	**1.0**		ug/m³	1.0	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.94	2.034	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 06:51	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
123-91-1	1,4-Dioxane	ND		ug/m³	1.5	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
78-93-3	**2-Butanone**	**12**		ug/m³	0.60	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
591-78-6	* 2-Hexanone	ND		ug/m³	1.7	2.034	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 06:51	AC
107-05-1	3-Chloropropene	ND		ug/m³	3.2	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.83	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
67-64-1	**Acetone**	**120**		ug/m³	0.97	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC

Sample Information

Client Sample ID: SG-7 **York Sample ID:** 22L1391-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/m³	0.44	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
71-43-2	**Benzene**	**1.9**		ug/m³	0.65	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
100-44-7	Benzyl chloride	ND		ug/m³	1.1	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
75-27-4	Bromodichloromethane	ND		ug/m³	1.4	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
75-25-2	Bromoform	ND		ug/m³	2.1	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
74-83-9	Bromomethane	ND		ug/m³	0.79	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
75-15-0	Carbon disulfide	ND		ug/m³	0.63	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
108-90-7	Chlorobenzene	ND		ug/m³	0.94	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
75-00-3	Chloroethane	ND		ug/m³	0.54	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
67-66-3	Chloroform	ND		ug/m³	0.99	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
74-87-3	Chloromethane	ND		ug/m³	0.42	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.20	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.92	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
110-82-7	Cyclohexane	ND		ug/m³	0.70	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
75-71-8	**Dichlorodifluoromethane**	**12**		ug/m³	1.0	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
141-78-6	* Ethyl acetate	ND		ug/m³	1.5	2.034	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 06:51	AC
100-41-4	**Ethyl Benzene**	**3.4**		ug/m³	0.88	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC

Sample Information

Client Sample ID: SG-7 **York Sample ID:** 22L1391-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.2	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
67-63-0	**Isopropanol**	**27**		ug/m³	1.0	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
80-62-6	**Methyl Methacrylate**	**3.8**		ug/m³	0.83	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.73	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
75-09-2	Methylene chloride	ND		ug/m³	1.4	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
142-82-5	**n-Heptane**	**2.8**		ug/m³	0.83	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.72	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
95-47-6	**o-Xylene**	**4.4**		ug/m³	0.88	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
179601-23-1	**p- & m- Xylenes**	**9.7**		ug/m³	1.8	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
622-96-8	*** p-Ethyltoluene**	**2.4**		ug/m³	1.0	2.034	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 06:51	AC
115-07-1	*** Propylene**	**0.70**		ug/m³	0.35	2.034	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 06:51	AC
100-42-5	**Styrene**	**1.6**		ug/m³	0.87	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
127-18-4	**Tetrachloroethylene**	**54**		ug/m³	1.4	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
109-99-9	*** Tetrahydrofuran**	**86**		ug/m³	1.2	2.034	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 06:51	AC
108-88-3	**Toluene**	**120**		ug/m³	0.77	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.81	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.92	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
79-01-6	**Trichloroethylene**	**0.55**		ug/m³	0.27	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	1.1	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC
108-05-4	Vinyl acetate	ND		ug/m³	0.72	2.034	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 06:51	AC

Sample Information

Client Sample ID: SG-7 **York Sample ID:** 22L1391-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.89	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	2.034	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 06:51	AC

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**32.2**		ppmv	20.3	2.03	GC/FID Certifications:	01/07/2023 09:47	01/07/2023 12:33	CLO

Sample Information

Client Sample ID: IA-7 **York Sample ID:** 22L1391-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.70	1.022	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 03:41	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.56	1.022	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 03:41	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	1.022	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 03:41	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	1.022	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 03:41	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.56	1.022	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 03:41	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	1.022	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 03:41	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.022	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 03:41	VH

Sample Information

Client Sample ID: IA-7 **York Sample ID:** 22L1391-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.2**		ug/m³	0.50	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.79	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	0.71	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.68	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.47	1.022	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 03:41	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.74	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
78-93-3	**2-Butanone**	**78**		ug/m³	0.30	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
591-78-6	* 2-Hexanone	ND		ug/m³	0.84	1.022	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 03:41	VH
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH
67-64-1	**Acetone**	**190**		ug/m³	1.8	3.838	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 15:58	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.22	1.022	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 03:41	VH

Sample Information

Client Sample ID: IA-7 **York Sample ID:** 22L1391-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	**Benzene**	**1.7**		ug/m³	0.33	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.1	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.68	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.1	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.40	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.76**		ug/m³	0.32	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.32**		ug/m³	0.16	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.47	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	0.27	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.50	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.21	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.63**		ug/m³	0.35	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.87	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.51	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**3.0**		ug/m³	0.74	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.1**		ug/m³	0.44	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	1.1	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-7 **York Sample ID:** 22L1391-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**3.3**		ug/m³	0.50	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	0.71	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**11**		ug/m³	0.42	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**2.0**		ug/m³	0.36	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.44	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**4.3**		ug/m³	0.89	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.50	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.18	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:			
100-42-5	**Styrene**	**0.74**		ug/m³	0.44	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**300**		ug/m³	2.3	3.838	EPA TO-15	01/03/2023 08:00	01/04/2023 15:58	VH
							Certifications:			
108-88-3	**Toluene**	**500**		ug/m³	1.4	3.838	EPA TO-15	01/03/2023 08:00	01/04/2023 15:58	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.16**		ug/m³	0.14	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.57	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.36	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.45	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA-7 **York Sample ID:** 22L1391-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.022	EPA TO-15	01/03/2023 08:00	01/04/2023 03:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	19.2	1.92	GC/FID	01/07/2023 09:50	01/07/2023 12:54	CLO
							Certifications:			

Sample Information

Client Sample ID: SG-8 **York Sample ID:** 22L1391-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	13	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.5	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.8	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	**1,2,4-Trichlorobenzene**	**30**	TO-CCV	ug/m³	14	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-8 **York Sample ID:** 22L1391-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.1	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.5	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.5	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**210**		ug/m³	13	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.1	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	12	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.5	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	13	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**27**		ug/m³	5.4	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	15	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	29	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.6	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**2000**		ug/m³	8.8	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	4.0	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	5.9	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-8 **York Sample ID:** 22L1391-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	9.6	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	12	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	19	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	7.2	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	5.8	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	2.9	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	8.5	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	4.9	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	9.0	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	3.8	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.8	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.4	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**17**		ug/m³	6.4	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	16	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**20**		ug/m³	9.1	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	13	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	8.0	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**48**		ug/m³	9.1	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-8 **York Sample ID:** 22L1391-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	7.6	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.7	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
75-09-2	Methylene chloride	ND		ug/m³	13	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
142-82-5	n-Heptane	ND		ug/m³	7.6	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
110-54-3	n-Hexane	ND		ug/m³	6.5	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
95-47-6	o-Xylene	ND		ug/m³	8.0	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	9.1	18.47	EPA TO-15 Certifications:	12/31/2022 15:00	01/03/2023 22:46	AC
115-07-1	*** Propylene**	**5.7**		ug/m³	3.2	18.47	EPA TO-15 Certifications:	12/31/2022 15:00	01/03/2023 22:46	AC
100-42-5	Styrene	ND		ug/m³	7.9	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
127-18-4	**Tetrachloroethylene**	**24**		ug/m³	13	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
109-99-9	*** Tetrahydrofuran**	**75**		ug/m³	11	18.47	EPA TO-15 Certifications:	12/31/2022 15:00	01/03/2023 22:46	AC
108-88-3	**Toluene**	**29**		ug/m³	7.0	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.3	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.4	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
79-01-6	**Trichloroethylene**	**11**		ug/m³	2.5	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
108-05-4	Vinyl acetate	ND		ug/m³	6.5	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC
593-60-2	Vinyl bromide	ND		ug/m³	8.1	18.47	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/03/2023 22:46	AC

Sample Information

Client Sample ID: SG-8 **York Sample ID:** 22L1391-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	2.4	18.47	EPA TO-15	12/31/2022 15:00	01/03/2023 22:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**29.4**		ppmv	15.5	1.55	GC/FID	01/07/2023 09:50	01/07/2023 12:59	CLO
							Certifications:			

Sample Information

Client Sample ID: IA-8 **York Sample ID:** 22L1391-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.71	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.092	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-8 **York Sample ID:** 22L1391-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**		ug/m³	0.46	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.71	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	0.65	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	**1,3,5-Trimethylbenzene**	**0.50**		ug/m³	0.46	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.56	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**54**		ug/m³	0.27	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	0.76	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**130**		ug/m³	1.7	3.484	EPA TO-15	01/03/2023 08:00	01/05/2023 16:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**3.4**		ug/m³	0.30	0.928	EPA TO-15	01/03/2023 08:00	01/04/2023 04:40	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA-8 **York Sample ID:** 22L1391-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	0.96	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.62	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
75-25-2	Bromoform	ND		ug/m³	0.96	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.36	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
75-15-0	**Carbon disulfide**	**0.38**		ug/m³	0.29	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
56-23-5	**Carbon tetrachloride**	**0.35**		ug/m³	0.15	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	0.24	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
67-66-3	Chloroform	ND		ug/m³	0.45	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.19	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.092	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
110-82-7	**Cyclohexane**	**1.2**		ug/m³	0.32	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
124-48-1	Dibromochloromethane	ND		ug/m³	0.79	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.46	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
141-78-6	* Ethyl acetate	ND		ug/m³	0.67	0.928	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 04:40	VH
100-41-4	**Ethyl Benzene**	**3.0**		ug/m³	0.40	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.99	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH
67-63-0	**Isopropanol**	**2.4**		ug/m³	0.46	0.928	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 04:40	VH

Sample Information

Client Sample ID: IA-8 **York Sample ID:** 22L1391-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.33	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
75-09-2	**Methylene chloride**	**0.77**		ug/m³	0.64	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
142-82-5	**n-Heptane**	**8.5**		ug/m³	0.38	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
110-54-3	**n-Hexane**	**4.0**		ug/m³	0.33	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
95-47-6	**o-Xylene**	**2.5**		ug/m³	0.40	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
179601-23-1	**p- & m- Xylenes**	**7.9**		ug/m³	0.81	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
622-96-8	*** p-Ethyltoluene**	**1.8**		ug/m³	0.46	0.928	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 04:40	VH
115-07-1	* Propylene	ND		ug/m³	0.16	0.928	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 04:40	VH
100-42-5	Styrene	ND		ug/m³	0.40	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	0.63	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
109-99-9	*** Tetrahydrofuran**	**190**		ug/m³	2.1	3.484	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 16:41	VH
108-88-3	**Toluene**	**31**		ug/m³	0.35	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
156-60-5	**trans-1,2-Dichloroethylene**	**0.92**		ug/m³	0.37	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
79-01-6	**Trichloroethylene**	**0.55**		ug/m³	0.12	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.52	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.33	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 04:40	VH

Sample Information

Client Sample ID: IA-8 **York Sample ID:** 22L1391-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	17.4	1.74	GC/FID Certifications:	01/07/2023 09:50	01/07/2023 13:02	CLO

Sample Information

Client Sample ID: SG-9 **York Sample ID:** 22L1391-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	17.72	EPA TO-15 Certifications:	12/31/2022 15:00	01/02/2023 07:16	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.7	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.7	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.2	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.8	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.7	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH

Sample Information

Client Sample ID: SG-9 **York Sample ID:** 22L1391-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.2	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.2	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**120**		ug/m³	12	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.7	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
106-99-0	1,3-Butadiene	ND		ug/m³	12	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.2	17.72	EPA TO-15 Certifications:	12/31/2022 15:00	01/02/2023 07:16	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
123-91-1	1,4-Dioxane	ND		ug/m³	13	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
78-93-3	**2-Butanone**	**80**		ug/m³	5.2	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
591-78-6	* 2-Hexanone	ND		ug/m³	15	17.72	EPA TO-15 Certifications:	12/31/2022 15:00	01/02/2023 07:16	VH
107-05-1	3-Chloropropene	ND		ug/m³	28	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.3	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
67-64-1	**Acetone**	**1500**		ug/m³	8.4	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
107-13-1	Acrylonitrile	ND		ug/m³	3.8	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
71-43-2	Benzene	ND		ug/m³	5.7	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
100-44-7	Benzyl chloride	ND		ug/m³	9.2	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
75-27-4	Bromodichloromethane	ND		ug/m³	12	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH
75-25-2	Bromoform	ND		ug/m³	18	17.72	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/02/2023 07:16	VH

Sample Information

Client Sample ID: SG-9 **York Sample ID:** 22L1391-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/m³	6.9	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
75-15-0	Carbon disulfide	ND		ug/m³	5.5	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	2.8	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
108-90-7	Chlorobenzene	ND		ug/m³	8.2	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
75-00-3	Chloroethane	ND		ug/m³	4.7	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
67-66-3	Chloroform	ND		ug/m³	8.7	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
74-87-3	Chloromethane	ND		ug/m³	3.7	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.8	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.0	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
110-82-7	Cyclohexane	ND		ug/m³	6.1	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
124-48-1	Dibromochloromethane	ND		ug/m³	15	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
75-71-8	**Dichlorodifluoromethane**	**32**		ug/m³	8.8	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
141-78-6	* Ethyl acetate	ND		ug/m³	13	17.72	EPA TO-15 Certifications:	12/31/2022 15:00	01/02/2023 07:16	VH
100-41-4	Ethyl Benzene	ND		ug/m³	7.7	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
67-63-0	**Isopropanol**	**37**		ug/m³	8.7	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	7.3	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.4	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH
75-09-2	Methylene chloride	ND		ug/m³	12	17.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/02/2023 07:16	VH

Sample Information

Client Sample ID: SG-9 **York Sample ID:** 22L1391-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	**n-Heptane**	**23**		ug/m³	7.3	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**19**		ug/m³	6.2	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	7.7	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.7	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:			
115-07-1	*** Propylene**	**6.4**		ug/m³	3.0	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	7.5	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**24**		ug/m³	12	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**2400**		ug/m³	10	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:			
108-88-3	**Toluene**	**32**		ug/m³	6.7	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.0	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.0	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	2.4	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	6.2	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	7.8	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	2.3	17.72	EPA TO-15	12/31/2022 15:00	01/02/2023 07:16	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

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

Sample Information

Client Sample ID: SG-9 **York Sample ID:** 22L1391-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	17.7	1.77	GC/FID Certifications:	01/07/2023 09:50	01/07/2023 13:05	CLO

Sample Information

Client Sample ID: IA-9 **York Sample ID:** 22L1391-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.6	3.774	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 17:37	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.1	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.6	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.9	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.1	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.5	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.37	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.6	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.9	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.9	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.3	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH

Sample Information

Client Sample ID: IA-9 **York Sample ID:** 22L1391-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.5	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.7	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.6	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.9	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
106-99-0	1,3-Butadiene	ND		ug/m³	2.5	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.3	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.7	3.774	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 17:37	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.3	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
123-91-1	1,4-Dioxane	ND		ug/m³	2.7	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
78-93-3	**2-Butanone**	**1800**		ug/m³	15	50.33	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 08:08	VH
591-78-6	* 2-Hexanone	ND		ug/m³	3.1	3.774	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 17:37	VH
107-05-1	3-Chloropropene	ND		ug/m³	5.9	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.5	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
67-64-1	**Acetone**	**4700**		ug/m³	24	50.33	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 08:08	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.82	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
71-43-2	Benzene	ND		ug/m³	1.2	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
100-44-7	Benzyl chloride	ND		ug/m³	3.9	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
75-27-4	Bromodichloromethane	ND		ug/m³	2.5	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
75-25-2	Bromoform	ND		ug/m³	3.9	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH

Sample Information

Client Sample ID: IA-9 **York Sample ID:** 22L1391-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ug/m³	1.5	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
75-15-0	**Carbon disulfide**	**8.1**		ug/m³	1.2	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	0.59	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
108-90-7	Chlorobenzene	ND		ug/m³	1.7	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	1.0	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
67-66-3	Chloroform	ND		ug/m³	1.8	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
74-87-3	**Chloromethane**	**0.94**		ug/m³	0.78	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.37	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.7	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
110-82-7	Cyclohexane	ND		ug/m³	1.3	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
124-48-1	Dibromochloromethane	ND		ug/m³	3.2	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	1.9	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
141-78-6	*** Ethyl acetate**	**6.3**		ug/m³	2.7	3.774	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 17:37	VH
100-41-4	**Ethyl Benzene**	**2.6**		ug/m³	1.6	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	4.0	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
67-63-0	**Isopropanol**	**2.9**		ug/m³	1.9	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	1.5	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.4	3.774	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/04/2023 17:37	VH

Sample Information

Client Sample ID: IA-9 **York Sample ID:** 22L1391-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/m³	2.6	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
142-82-5	**n-Heptane**	**280**		ug/m³	1.5	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
110-54-3	n-Hexane	ND		ug/m³	1.3	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
95-47-6	o-Xylene	ND		ug/m³	1.6	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
179601-23-1	p- & m- Xylenes	ND		ug/m³	3.3	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.9	3.774	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 17:37	VH
115-07-1	* Propylene	ND		ug/m³	0.65	3.774	EPA TO-15 Certifications:	01/03/2023 08:00	01/04/2023 17:37	VH
100-42-5	Styrene	ND		ug/m³	1.6	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	2.6	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
109-99-9	*** Tetrahydrofuran**	**5200**		ug/m³	59	100.65	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 09:43	VH
108-88-3	**Toluene**	**28**		ug/m³	1.4	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.5	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.7	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.51	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	2.1	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
108-05-4	Vinyl acetate	ND		ug/m³	1.3	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
593-60-2	Vinyl bromide	ND		ug/m³	1.7	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.48	3.774	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 17:37	VH

Methane

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

Sample Information

Client Sample ID: IA-9 **York Sample ID:** 22L1391-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	50.3	5.03	GC/FID Certifications:	01/07/2023 09:50	01/07/2023 13:08	CLO

Sample Information

Client Sample ID: SG-10 **York Sample ID:** 22L1391-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.7	8.276	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 00:46	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.5	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.7	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.3	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.5	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.3	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.82	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV	ug/m³	6.1	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	4.1	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.4	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.0	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.3	8.276	EPA TO-15 Certifications:	12/31/2022 15:00 NELAC-NY12058,NJDEP-Queens	01/04/2023 00:46	AC

Sample Information

Client Sample ID: SG-10 **York Sample ID:** 22L1391-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.8	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**21**		ug/m³	5.8	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	4.1	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
106-99-0	1,3-Butadiene	ND		ug/m³	5.5	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.0	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.8	8.276	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 00:46	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.0	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
123-91-1	1,4-Dioxane	ND		ug/m³	6.0	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
78-93-3	**2-Butanone**	**210**		ug/m³	2.4	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
591-78-6	* 2-Hexanone	ND		ug/m³	6.8	8.276	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 00:46	AC
107-05-1	3-Chloropropene	ND		ug/m³	13	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.4	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
67-64-1	**Acetone**	**620**		ug/m³	3.9	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
107-13-1	Acrylonitrile	ND		ug/m³	1.8	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
71-43-2	Benzene	ND		ug/m³	2.6	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
100-44-7	Benzyl chloride	ND		ug/m³	4.3	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
75-27-4	Bromodichloromethane	ND		ug/m³	5.5	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
75-25-2	Bromoform	ND		ug/m³	8.6	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
74-83-9	Bromomethane	ND		ug/m³	3.2	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC

Sample Information

Client Sample ID: **SG-10** **York Sample ID:** **22L1391-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	**Carbon disulfide**	**3.4**		ug/m³	2.6	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	3.8	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	2.2	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	4.0	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	1.7	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.82	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.8	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	2.8	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	7.1	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**17**		ug/m³	4.1	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	6.0	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	3.6	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	8.8	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**31**		ug/m³	4.1	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	3.4	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.0	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	5.7	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**69**		ug/m³	3.4	8.276	EPA TO-15	12/31/2022 15:00	01/04/2023 00:46	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-10 **York Sample ID:** 22L1391-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	n-Hexane	ND		ug/m³	2.9	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
95-47-6	**o-Xylene**	**4.0**		ug/m³	3.6	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
179601-23-1	**p- & m- Xylenes**	**7.9**		ug/m³	7.2	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	4.1	8.276	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 00:46	AC
115-07-1	*** Propylene**	**11**		ug/m³	1.4	8.276	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 00:46	AC
100-42-5	Styrene	ND		ug/m³	3.5	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
127-18-4	Tetrachloroethylene	ND		ug/m³	5.6	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
109-99-9	*** Tetrahydrofuran**	**850**		ug/m³	4.9	8.276	EPA TO-15 Certifications:	12/31/2022 15:00	01/04/2023 00:46	AC
108-88-3	**Toluene**	**36**		ug/m³	3.1	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.3	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.8	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
79-01-6	Trichloroethylene	ND		ug/m³	1.1	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.7	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
108-05-4	Vinyl acetate	ND		ug/m³	2.9	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
593-60-2	Vinyl bromide	ND		ug/m³	3.6	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	8.276	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/31/2022 15:00	01/04/2023 00:46	AC

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	20.7	2.07	GC/FID Certifications:	01/07/2023 09:50	01/07/2023 13:11	CLO

Sample Information

Client Sample ID: SG-10 **York Sample ID:** 22L1391-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Soil Vapor	December 28, 2022 3:00 pm	12/29/2022

Sample Information

Client Sample ID: IA-10 **York Sample ID:** 22L1391-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	33	47.95	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 17:52	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	26	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	33	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	37	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	26	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	19	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	4.8	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	71	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	24	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	37	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	29	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	19	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	22	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	34	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	24	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH

Sample Information

Client Sample ID: **IA-10** **York Sample ID:** **22L1391-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	32	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	29	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	22	47.95	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 17:52	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	29	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
123-91-1	1,4-Dioxane	ND		ug/m³	35	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
78-93-3	**2-Butanone**	**2900**		ug/m³	14	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
591-78-6	* 2-Hexanone	ND		ug/m³	39	47.95	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 17:52	VH
107-05-1	3-Chloropropene	ND		ug/m³	75	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	20	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
67-64-1	**Acetone**	**4600**		ug/m³	46	95.91	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 08:56	VH
107-13-1	Acrylonitrile	ND		ug/m³	10	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
71-43-2	Benzene	ND		ug/m³	15	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
100-44-7	Benzyl chloride	ND		ug/m³	50	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
75-27-4	Bromodichloromethane	ND		ug/m³	32	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
75-25-2	Bromoform	ND		ug/m³	50	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ug/m³	19	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
75-15-0	Carbon disulfide	ND		ug/m³	15	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	7.5	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
108-90-7	Chlorobenzene	ND		ug/m³	22	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH

Sample Information

Client Sample ID: IA-10 **York Sample ID:** 22L1391-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND	TO-CCV	ug/m³	13	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
67-66-3	Chloroform	ND		ug/m³	23	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
74-87-3	Chloromethane	ND		ug/m³	9.9	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	4.8	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	22	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
110-82-7	Cyclohexane	ND		ug/m³	17	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
124-48-1	Dibromochloromethane	ND		ug/m³	41	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m³	24	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
141-78-6	* Ethyl acetate	ND		ug/m³	35	47.95	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 17:52	VH
100-41-4	Ethyl Benzene	ND		ug/m³	21	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	51	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
67-63-0	Isopropanol	ND		ug/m³	24	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	20	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	17	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
75-09-2	Methylene chloride	ND		ug/m³	33	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
142-82-5	**n-Heptane**	**330**		ug/m³	20	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
110-54-3	n-Hexane	ND		ug/m³	17	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH
95-47-6	o-Xylene	ND		ug/m³	21	47.95	EPA TO-15 Certifications:	01/03/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/05/2023 17:52	VH

Sample Information

Client Sample ID: IA-10 **York Sample ID:** 22L1391-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1391	C314132 Willow Brook Rentals LLC	Indoor Ambient Air	December 28, 2022 3:00 pm	12/29/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/m³	42	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	24	47.95	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 17:52	VH
115-07-1	* Propylene	ND		ug/m³	8.3	47.95	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 17:52	VH
100-42-5	Styrene	ND		ug/m³	20	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	33	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
109-99-9	* **Tetrahydrofuran**	**7500**		ug/m³	57	95.91	EPA TO-15 Certifications:	01/03/2023 08:00	01/05/2023 08:56	VH
108-88-3	**Toluene**	**20**		ug/m³	18	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	19	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	22	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
79-01-6	Trichloroethylene	ND		ug/m³	6.4	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	27	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
108-05-4	Vinyl acetate	ND		ug/m³	17	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
593-60-2	Vinyl bromide	ND		ug/m³	21	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH
75-01-4	Vinyl Chloride	ND		ug/m³	6.1	47.95	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/03/2023 08:00	01/05/2023 17:52	VH

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ppmv	18.0	1.8	GC/FID Certifications:	01/07/2023 09:50	01/07/2023 13:15	CLO

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record - AIR

YORK Project No. 22L1391

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

Page 1 of 2

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same	C314132	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Deborah Thompson

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

Deborah Thompson

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SG-1	12/26/22	AS	-30	-10	16953	7090	TO-15 + Methane
IA-1		AI	-29	-10	316997	5417	
SG-2		AS	-27	-3	316999	5700	
IA-2		AI	-30	-10	43007	13573	
SG-3		AS	-20	-27	22082	Y-47	
IA-3		AI	-30	-10	37000	7082	
SG-4		AS	-30	-10	16951e	17192	
IA-4		AI	-30	-10	23993	4762	
SG-5		AS	-30	-11	42.996	17185	
IA-5		AI	-30	-10	411940	7269	

Comments:

8:30

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

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Client York	12.29.22 8:30	Client York	12.29.22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
arkoza 12:00	12/29/22	arkoza 13:27	12/29/22		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				12/29/22	1727

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

Field Chain-of-Custody Record - AIR

YORK Project No. 2241391

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

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact: Debash Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Debash Thompson

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

Debash Thompson

Air Matrix Codes

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

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SG-6	12/28/22	AS	-30	-8	18315	13563	TO-15 + Methane
IA-6		AI	-30	-10	28300	12191	
SG-7		AS	-30	-10	37003	17190	
IA-7		AI	-30	-8	18299	7084	
SG-8		AS	-30	-9	17348	7416	
IA-8		AI	-30	-8	36889	5613	
SG-9		AS	-30	-8	28845	6880	
IA-9		AI	-28	-7	10726	7363	
SG-10		AS	-30	-10	18293	5624	
IA-10		AI	-30	-8	37012	13574	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ✓

Routine Survey ___ Other ___

Sampling Media

- 6 Liter Canister ✓
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Debash Thompson	12/29/22 8:30	Chris C York	12-29-22 8:30	Chris C York	12-29-22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[illegible]	12:09 12/29/22	[illegible]	13:27 12/29/22		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible]	12/29/22 1377

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 01/17/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23A0328

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

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

Report Date: 01/17/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23A0328

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 06, 2023 and listed below. The project was identified as your project: **C314132 WIllow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23A0328-01	SG-11	Soil Vapor	01/05/2023	01/06/2023
23A0328-02	IA-11	Indoor Ambient Air	01/05/2023	01/06/2023
23A0328-03	SSD-1	Vapor Extraction	01/05/2023	01/06/2023
23A0328-04	SSD-2	Vapor Extraction	01/05/2023	01/06/2023
23A0328-05	SSD-3	Vapor Extraction	01/05/2023	01/06/2023
23A0328-06	SSD-6	Vapor Extraction	01/05/2023	01/06/2023
23A0328-07	SV-1R	Soil Vapor	01/05/2023	01/06/2023

General Notes for York Project (SDG) No.: 23A0328

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

Approved By: **Date:** 01/17/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SG-11 **York Sample ID:** 23A0328-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:10 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	17.85	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 22:19	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	13	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**1900**		ug/m³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
106-99-0	1,3-Butadiene	ND		ug/m³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.2	17.85	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 22:19	AC

Sample Information

Client Sample ID: SG-11 **York Sample ID:** 23A0328-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:10 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
123-91-1	1,4-Dioxane	ND		ug/m³	13	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
78-93-3	**2-Butanone**	**14**		ug/m³	5.3	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
591-78-6	* 2-Hexanone	ND		ug/m³	15	17.85	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 22:19	AC
107-05-1	3-Chloropropene	ND		ug/m³	28	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.3	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
67-64-1	**Acetone**	**310**		ug/m³	8.5	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
107-13-1	Acrylonitrile	ND		ug/m³	3.9	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
71-43-2	**Benzene**	**89**		ug/m³	5.7	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
100-44-7	Benzyl chloride	ND		ug/m³	9.2	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
75-27-4	Bromodichloromethane	ND		ug/m³	12	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
75-25-2	Bromoform	ND		ug/m³	18	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
74-83-9	Bromomethane	ND		ug/m³	6.9	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
75-15-0	Carbon disulfide	ND		ug/m³	5.6	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	2.8	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
108-90-7	**Chlorobenzene**	**210**		ug/m³	8.2	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
75-00-3	Chloroethane	ND		ug/m³	4.7	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
67-66-3	Chloroform	ND		ug/m³	8.7	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC
74-87-3	Chloromethane	ND		ug/m³	3.7	17.85	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/09/2023 22:19	AC

Sample Information

Client Sample ID: SG-11 **York Sample ID:** 23A0328-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:10 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**11**		ug/m³	1.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
110-82-7	**Cyclohexane**	**700**		ug/m³	6.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
124-48-1	Dibromochloromethane	ND		ug/m³	15	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
75-71-8	**Dichlorodifluoromethane**	**350**		ug/m³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
141-78-6	* Ethyl acetate	ND		ug/m³	13	17.85	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 22:19	AC
100-41-4	Ethyl Benzene	ND		ug/m³	7.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
67-63-0	**Isopropanol**	**59**		ug/m³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
80-62-6	**Methyl Methacrylate**	**120**		ug/m³	7.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.4	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
75-09-2	Methylene chloride	ND		ug/m³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
142-82-5	**n-Heptane**	**230**		ug/m³	7.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
110-54-3	**n-Hexane**	**300**		ug/m³	6.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
95-47-6	o-Xylene	ND		ug/m³	7.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.8	17.85	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 22:19	AC
115-07-1	* Propylene	ND		ug/m³	3.1	17.85	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 22:19	AC
100-42-5	Styrene	ND		ug/m³	7.6	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
127-18-4	Tetrachloroethylene	ND		ug/m³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC

Sample Information

Client Sample ID: SG-11 **York Sample ID:** 23A0328-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:10 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	11	17.85	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 22:19	AC
108-88-3	**Toluene**	**15**		ug/m³	6.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
79-01-6	Trichloroethylene	ND		ug/m³	2.4	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	6.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
593-60-2	Vinyl bromide	ND		ug/m³	7.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC
75-01-4	**Vinyl Chloride**	**16**		ug/m³	2.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 22:19	AC

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**107000000**		ppmv	1780	178.5	GC/FID Certifications:	01/14/2023 10:25	01/14/2023 11:19	CLO

Sample Information

Client Sample ID: IA-11 **York Sample ID:** 23A0328-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Indoor Ambient Air	January 5, 2023 9:17 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: **IA-11** **York Sample ID:** **23A0328-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Indoor Ambient Air	January 5, 2023 9:17 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.73	1.06	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 19:15	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.58	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.73	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.81	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.58	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.43	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
120-82-1	**1,2,4-Trichlorobenzene**	**1.0**	TO-CCV, TO-LCS-L	ug/m³	0.79	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
95-63-6	**1,2,4-Trimethylbenzene**	**0.78**		ug/m³	0.52	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.81	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.64	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.43	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.49	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**0.89**		ug/m³	0.74	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.52	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
106-99-0	1,3-Butadiene	ND		ug/m³	0.70	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.64	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.49	1.06	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 19:15	AC

Sample Information

Client Sample ID: IA-11 **York Sample ID:** 23A0328-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Indoor Ambient Air	January 5, 2023 9:17 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.64	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
123-91-1	1,4-Dioxane	ND		ug/m³	0.76	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
78-93-3	**2-Butanone**	**3.8**		ug/m³	0.31	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
591-78-6	* 2-Hexanone	ND		ug/m³	0.87	1.06	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 19:15	AC
107-05-1	3-Chloropropene	ND		ug/m³	1.7	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.43	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
67-64-1	**Acetone**	**30**		ug/m³	0.50	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
107-13-1	Acrylonitrile	ND		ug/m³	0.23	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
71-43-2	**Benzene**	**0.91**		ug/m³	0.34	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
100-44-7	Benzyl chloride	ND		ug/m³	0.55	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-27-4	Bromodichloromethane	ND		ug/m³	0.71	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-25-2	Bromoform	ND		ug/m³	1.1	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
74-83-9	Bromomethane	ND		ug/m³	0.41	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
56-23-5	**Carbon tetrachloride**	**0.40**		ug/m³	0.17	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
108-90-7	Chlorobenzene	ND		ug/m³	0.49	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-00-3	Chloroethane	ND		ug/m³	0.28	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
67-66-3	Chloroform	ND		ug/m³	0.52	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.22	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC

Sample Information

Client Sample ID: IA-11 **York Sample ID:** 23A0328-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Indoor Ambient Air	January 5, 2023 9:17 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.11	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.48	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
110-82-7	Cyclohexane	ND		ug/m³	0.36	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
124-48-1	Dibromochloromethane	ND		ug/m³	0.90	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.52	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
141-78-6	* Ethyl acetate	ND		ug/m³	0.76	1.06	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 19:15	AC
100-41-4	Ethyl Benzene	ND		ug/m³	0.46	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
67-63-0	**Isopropanol**	**4.4**		ug/m³	0.52	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
80-62-6	**Methyl Methacrylate**	**0.65**		ug/m³	0.43	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
75-09-2	**Methylene chloride**	**0.99**		ug/m³	0.74	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
142-82-5	**n-Heptane**	**0.61**		ug/m³	0.43	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
110-54-3	**n-Hexane**	**0.52**		ug/m³	0.37	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
95-47-6	**o-Xylene**	**0.60**		ug/m³	0.46	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
179601-23-1	**p- & m- Xylenes**	**1.4**		ug/m³	0.92	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
622-96-8	*** p-Ethyltoluene**	**0.57**		ug/m³	0.52	1.06	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 19:15	AC
115-07-1	* Propylene	ND		ug/m³	0.18	1.06	EPA TO-15 Certifications:	01/09/2023 12:00	01/09/2023 19:15	AC
100-42-5	Styrene	ND		ug/m³	0.45	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC
127-18-4	Tetrachloroethylene	ND		ug/m³	0.72	1.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/09/2023 19:15	AC

Sample Information

Client Sample ID: IA-11 **York Sample ID:** 23A0328-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Indoor Ambient Air	January 5, 2023 9:17 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* **Tetrahydrofuran**	**8.8**		ug/m³	0.63	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:			
108-88-3	**Toluene**	**13**		ug/m³	0.40	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.42	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.48	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.23**		ug/m³	0.14	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.60	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	0.37	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.14	1.06	EPA TO-15	01/09/2023 12:00	01/09/2023 19:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**6110**		ppmv	19.9	1.99	GC/FID	01/14/2023 10:25	01/14/2023 10:59	CLO
							Certifications:			

Sample Information

Client Sample ID: SSD-1 **York Sample ID:** 23A0328-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:10 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: SSD-1 **York Sample ID:** 23A0328-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:10 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.1	2.998	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 11:34	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.6	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.1	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.3	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.6	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.2	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.30	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	2.2	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.5	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.3	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.8	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.2	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.4	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**5.7**		ug/m³	2.1	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.5	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
106-99-0	1,3-Butadiene	ND		ug/m³	2.0	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.8	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.4	2.998	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 11:34	AC

Sample Information

Client Sample ID: SSD-1 **York Sample ID:** 23A0328-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:10 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.8	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
123-91-1	1,4-Dioxane	ND		ug/m³	2.2	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
78-93-3	**2-Butanone**	**23**		ug/m³	0.88	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
591-78-6	* 2-Hexanone	ND		ug/m³	2.5	2.998	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 11:34	AC
107-05-1	3-Chloropropene	ND		ug/m³	4.7	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.2	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
67-64-1	**Acetone**	**66**		ug/m³	1.4	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
107-13-1	Acrylonitrile	ND		ug/m³	0.65	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
71-43-2	**Benzene**	**1.1**		ug/m³	0.96	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
100-44-7	Benzyl chloride	ND		ug/m³	1.6	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
75-27-4	Bromodichloromethane	ND		ug/m³	2.0	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
75-25-2	Bromoform	ND		ug/m³	3.1	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
74-83-9	Bromomethane	ND		ug/m³	1.2	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
75-15-0	Carbon disulfide	ND		ug/m³	0.93	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	0.47	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
108-90-7	Chlorobenzene	ND		ug/m³	1.4	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
75-00-3	Chloroethane	ND		ug/m³	0.79	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
67-66-3	Chloroform	ND		ug/m³	1.5	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC
74-87-3	**Chloromethane**	**0.80**		ug/m³	0.62	2.998	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 11:34	AC

Sample Information

Client Sample ID: **SSD-1** **York Sample ID:** **23A0328-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:10 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.30	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.4	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
110-82-7	**Cyclohexane**	**1.1**		ug/m³	1.0	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
124-48-1	Dibromochloromethane	ND		ug/m³	2.6	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
75-71-8	**Dichlorodifluoromethane**	**3.4**		ug/m³	1.5	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
141-78-6	* Ethyl acetate	ND		ug/m³	2.2	2.998	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 11:34	AC
100-41-4	**Ethyl Benzene**	**1.3**		ug/m³	1.3	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.2	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
67-63-0	**Isopropanol**	**10**		ug/m³	1.5	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
80-62-6	**Methyl Methacrylate**	**16**		ug/m³	1.2	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.1	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
75-09-2	Methylene chloride	ND		ug/m³	2.1	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
142-82-5	**n-Heptane**	**2.2**		ug/m³	1.2	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
110-54-3	**n-Hexane**	**1.3**		ug/m³	1.1	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
95-47-6	o-Xylene	ND		ug/m³	1.3	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
179601-23-1	**p- & m- Xylenes**	**2.6**		ug/m³	2.6	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.5	2.998	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 11:34	AC
115-07-1	* Propylene	ND		ug/m³	0.52	2.998	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 11:34	AC
100-42-5	Styrene	ND		ug/m³	1.3	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
127-18-4	Tetrachloroethylene	ND		ug/m³	2.0	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC

Sample Information

Client Sample ID: SSD-1 **York Sample ID:** 23A0328-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:10 pm	01/06/2023

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* **Tetrahydrofuran**	**86**		ug/m³	1.8	2.998	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 11:34	AC
108-88-3	**Toluene**	**390**		ug/m³	1.1	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.2	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
79-01-6	Trichloroethylene	ND		ug/m³	0.40	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	1.7	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
108-05-4	Vinyl acetate	ND	TO-CCV, TO-LCS-L	ug/m³	1.1	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
593-60-2	Vinyl bromide	ND		ug/m³	1.3	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.38	2.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 11:34	AC

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**228**		ppmv	15.0	1.5	GC/FID Certifications:	01/14/2023 10:25	01/14/2023 11:11	CLO

Sample Information

Client Sample ID: SSD-2 **York Sample ID:** 23A0328-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:15 pm	01/06/2023

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: SSD-2 **York Sample ID:** 23A0328-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:15 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.3	3.38	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 20:16	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.8	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.3	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.6	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.8	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.4	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.34	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.5	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.7	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.6	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.0	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.4	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.6	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**2.4**		ug/m³	2.4	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.7	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
106-99-0	1,3-Butadiene	ND		ug/m³	2.2	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.0	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.6	3.38	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 20:16	AC

Sample Information

Client Sample ID: SSD-2 **York Sample ID:** 23A0328-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:15 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.0	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
123-91-1	1,4-Dioxane	ND		ug/m³	2.4	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
78-93-3	**2-Butanone**	**22**		ug/m³	1.0	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
591-78-6	* 2-Hexanone	ND		ug/m³	2.8	3.38	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 20:16	AC
107-05-1	3-Chloropropene	ND		ug/m³	5.3	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.4	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
67-64-1	**Acetone**	**63**		ug/m³	1.6	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
107-13-1	Acrylonitrile	ND		ug/m³	0.73	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
71-43-2	Benzene	ND		ug/m³	1.1	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
100-44-7	Benzyl chloride	ND		ug/m³	1.7	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
75-27-4	Bromodichloromethane	ND		ug/m³	2.3	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
75-25-2	Bromoform	ND		ug/m³	3.5	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
74-83-9	Bromomethane	ND		ug/m³	1.3	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
75-15-0	Carbon disulfide	ND		ug/m³	1.1	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	0.53	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
108-90-7	Chlorobenzene	ND		ug/m³	1.6	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
75-00-3	Chloroethane	ND		ug/m³	0.89	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
67-66-3	**Chloroform**	**1.7**		ug/m³	1.7	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.70	3.38	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 20:16	AC

Sample Information

Client Sample ID: SSD-2 **York Sample ID:** 23A0328-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:15 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.34	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.5	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
110-82-7	Cyclohexane	ND		ug/m³	1.2	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
124-48-1	Dibromochloromethane	ND		ug/m³	2.9	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
75-71-8	**Dichlorodifluoromethane**	**3.3**		ug/m³	1.7	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
141-78-6	* Ethyl acetate	ND		ug/m³	2.4	3.38	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 20:16	AC
100-41-4	Ethyl Benzene	ND		ug/m³	1.5	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.6	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
67-63-0	**Isopropanol**	**9.4**	B	ug/m³	2.5	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
80-62-6	**Methyl Methacrylate**	**15**		ug/m³	1.4	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.2	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
75-09-2	Methylene chloride	ND		ug/m³	2.3	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
142-82-5	**n-Heptane**	**2.1**		ug/m³	1.4	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
110-54-3	n-Hexane	ND		ug/m³	1.2	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
95-47-6	o-Xylene	ND		ug/m³	1.5	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
179601-23-1	p- & m- Xylenes	ND		ug/m³	2.9	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.7	3.38	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 20:16	AC
115-07-1	* Propylene	ND		ug/m³	0.58	3.38	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 20:16	AC
100-42-5	Styrene	ND		ug/m³	1.4	3.38	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 20:16	AC

Sample Information

Client Sample ID: SSD-2 **York Sample ID:** 23A0328-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:15 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**3.9**		ug/m³	2.3	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* **Tetrahydrofuran**	**73**		ug/m³	2.0	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications:			
108-88-3	**Toluene**	**360**		ug/m³	1.3	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.3	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.5	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.45	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.9	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	1.2	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	1.5	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.43	3.38	EPA TO-15	01/09/2023 12:00	01/10/2023 20:16	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**32.6**		ppmv	16.9	1.69	GC/FID	01/16/2023 12:07	01/16/2023 13:57	CLO
							Certifications:			

Sample Information

Client Sample ID: SSD-3 **York Sample ID:** 23A0328-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:20 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: SSD-3 **York Sample ID:** 23A0328-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:20 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	3.9	5.696	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 21:13	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.1	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.9	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.4	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.1	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.3	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.56	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.2	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	2.8	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.4	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.4	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.3	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.6	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.0	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.8	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
106-99-0	1,3-Butadiene	ND		ug/m³	3.8	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.4	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.6	5.696	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 21:13	AC

Sample Information

Client Sample ID: SSD-3 **York Sample ID:** 23A0328-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:20 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.4	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
123-91-1	1,4-Dioxane	ND		ug/m³	4.1	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
78-93-3	**2-Butanone**	**23**		ug/m³	1.7	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
591-78-6	* 2-Hexanone	ND		ug/m³	4.7	5.696	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 21:13	AC
107-05-1	3-Chloropropene	ND		ug/m³	8.9	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.3	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
67-64-1	**Acetone**	**70**		ug/m³	2.7	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
107-13-1	Acrylonitrile	ND		ug/m³	1.2	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
71-43-2	Benzene	ND		ug/m³	1.8	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
100-44-7	Benzyl chloride	ND		ug/m³	2.9	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-27-4	Bromodichloromethane	ND		ug/m³	3.8	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-25-2	Bromoform	ND		ug/m³	5.9	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
74-83-9	Bromomethane	ND		ug/m³	2.2	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-15-0	Carbon disulfide	ND		ug/m³	1.8	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	0.90	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
108-90-7	Chlorobenzene	ND		ug/m³	2.6	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-00-3	Chloroethane	ND		ug/m³	1.5	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
67-66-3	Chloroform	ND		ug/m³	2.8	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
74-87-3	Chloromethane	ND		ug/m³	1.2	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC

Sample Information

Client Sample ID: **SSD-3** **York Sample ID:** **23A0328-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:20 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.56	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.6	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
110-82-7	Cyclohexane	ND		ug/m³	2.0	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
124-48-1	Dibromochloromethane	ND		ug/m³	4.9	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
75-71-8	**Dichlorodifluoromethane**	**2.8**		ug/m³	2.8	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
141-78-6	* Ethyl acetate	ND		ug/m³	4.1	5.696	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 21:13	AC
100-41-4	Ethyl Benzene	ND		ug/m³	2.5	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	6.1	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
67-63-0	**Isopropanol**	**18**	B	ug/m³	4.2	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
80-62-6	**Methyl Methacrylate**	**19**		ug/m³	2.3	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.1	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
75-09-2	Methylene chloride	ND		ug/m³	4.0	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
142-82-5	n-Heptane	ND		ug/m³	2.3	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
110-54-3	n-Hexane	ND		ug/m³	2.0	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
95-47-6	o-Xylene	ND		ug/m³	2.5	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
179601-23-1	p- & m- Xylenes	ND		ug/m³	4.9	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	2.8	5.696	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 21:13	AC
115-07-1	* Propylene	ND		ug/m³	0.98	5.696	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 21:13	AC
100-42-5	Styrene	ND		ug/m³	2.4	5.696	EPA TO-15 Certifications:	01/09/2023 12:00 NELAC-NY12058,NJDEP-Queens	01/10/2023 21:13	AC

Sample Information

Client Sample ID: SSD-3 **York Sample ID:** 23A0328-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:20 pm	01/06/2023

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/m³	3.9	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
109-99-9	* **Tetrahydrofuran**	**74**		ug/m³	3.4	5.696	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 21:13	AC
108-88-3	**Toluene**	**510**		ug/m³	2.1	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.3	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.6	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
79-01-6	Trichloroethylene	ND		ug/m³	0.77	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	3.2	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
108-05-4	Vinyl acetate	ND		ug/m³	2.0	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
593-60-2	Vinyl bromide	ND		ug/m³	2.5	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.73	5.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 21:13	AC

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**64.1**		ppmv	14.2	1.42	GC/FID Certifications:	01/16/2023 12:07	01/16/2023 14:01	CLO

Sample Information

Client Sample ID: SSD-6 **York Sample ID:** 23A0328-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:45 pm	01/06/2023

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: SSD-6 **York Sample ID:** 23A0328-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:45 pm	01/06/2023

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.603	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 22:16	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.87	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.87	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.65	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.79	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.96	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.65	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.74	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**2.7**		ug/m³	1.1	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.79	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.96	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.74	1.603	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 22:16	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.96	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC

Sample Information

Client Sample ID: **SSD-6** **York Sample ID:** **23A0328-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:45 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
78-93-3	**2-Butanone**	**1.9**		ug/m³	0.47	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.603	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 22:16	AC
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.66	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
67-64-1	**Acetone**	**7.6**		ug/m³	0.76	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
107-13-1	Acrylonitrile	ND		ug/m³	0.35	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
71-43-2	**Benzene**	**0.56**		ug/m³	0.51	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
100-44-7	Benzyl chloride	ND		ug/m³	0.83	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-25-2	Bromoform	ND		ug/m³	1.7	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
74-83-9	Bromomethane	ND		ug/m³	0.62	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-15-0	Carbon disulfide	ND		ug/m³	0.50	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	0.25	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
108-90-7	Chlorobenzene	ND		ug/m³	0.74	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-00-3	Chloroethane	ND		ug/m³	0.42	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
67-66-3	Chloroform	ND		ug/m³	0.78	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.33	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC

Sample Information

Client Sample ID: SSD-6 **York Sample ID:** 23A0328-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:45 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.73	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
110-82-7	Cyclohexane	ND		ug/m³	0.55	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-71-8	**Dichlorodifluoromethane**	**7.1**		ug/m³	0.79	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.603	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 22:16	AC
100-41-4	Ethyl Benzene	ND		ug/m³	0.70	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
67-63-0	**Isopropanol**	**6.9**	B	ug/m³	1.2	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
80-62-6	Methyl Methacrylate	ND		ug/m³	0.66	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.58	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
75-09-2	**Methylene chloride**	**2.0**		ug/m³	1.1	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
142-82-5	n-Heptane	ND		ug/m³	0.66	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
110-54-3	n-Hexane	ND		ug/m³	0.57	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
95-47-6	o-Xylene	ND		ug/m³	0.70	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.4	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.79	1.603	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 22:16	AC
115-07-1	* Propylene	ND		ug/m³	0.28	1.603	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 22:16	AC
100-42-5	Styrene	ND		ug/m³	0.68	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC
127-18-4	Tetrachloroethylene	ND		ug/m³	1.1	1.603	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 22:16	AC

Sample Information

Client Sample ID: SSD-6 **York Sample ID:** 23A0328-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Vapor Extraction	January 5, 2023 12:45 pm	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* **Tetrahydrofuran**	**6.8**		ug/m³	0.95	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:			
108-88-3	**Toluene**	**1.6**		ug/m³	0.60	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.64	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.73	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.90	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.56	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.70	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.603	EPA TO-15	01/09/2023 12:00	01/10/2023 22:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**137**		ppmv	16.0	1.6	GC/FID	01/16/2023 12:07	01/16/2023 14:06	CLO
							Certifications:			

Sample Information

Client Sample ID: SV-1R **York Sample ID:** 23A0328-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:00 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications:			

Sample Information

Client Sample ID: SV-1R

York Sample ID: 23A0328-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:00 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
95-63-6	**1,2,4-Trimethylbenzene**	**2.2**		ug/m³	0.90	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
76-14-2	**1,2-Dichlorotetrafluoroethane**	**390**		ug/m³	1.3	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.90	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
106-99-0	**1,3-Butadiene**	**2.5**		ug/m³	1.2	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.828	EPA TO-15 Certifications:	01/09/2023 12:00	01/10/2023 23:19	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC

Sample Information

Client Sample ID: **SV-1R** **York Sample ID:** **23A0328-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:00 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**16**		ug/m³	0.54	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	*** 2-Hexanone**	**1.6**		ug/m³	1.5	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.75	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**27**		ug/m³	0.87	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.40	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**1.7**		ug/m³	0.58	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.95	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.9	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.71	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**3.0**		ug/m³	0.57	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.29	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.48	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.89	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.38	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-1R

York Sample ID: 23A0328-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:00 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	**Cyclohexane**	**32**		ug/m³	0.63	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**31**		ug/m³	0.90	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.6**		ug/m³	0.79	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**7.7**	B	ug/m³	1.3	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.3	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**3.4**		ug/m³	0.75	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**10**		ug/m³	0.64	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**2.0**		ug/m³	0.79	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**3.7**		ug/m³	1.6	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**1.4**		ug/m³	0.90	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications:			
115-07-1	*** Propylene**	**28**		ug/m³	0.31	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.78	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**9.8**		ug/m³	1.2	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications:			
108-88-3	**Toluene**	**3.7**		ug/m³	0.69	1.828	EPA TO-15	01/09/2023 12:00	01/10/2023 23:19	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-1R **York Sample ID:** 23A0328-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0328	C314132 WIllow Brook Rentals LLC	Soil Vapor	January 5, 2023 9:00 am	01/06/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
79-01-6	Trichloroethylene	ND		ug/m³	0.25	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	1.0	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
108-05-4	Vinyl acetate	ND		ug/m³	0.64	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.828	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/09/2023 12:00	01/10/2023 23:19	AC

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**7710**		ppmv	18.3	1.83	GC/FID Certifications:	01/16/2023 12:07	01/16/2023 14:11	CLO

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record - AIR

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

YORK Project No. 23A0328

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc.	Company: Same	Company: Same	C314132	RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

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

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

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

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SG-11	1/5/23 0910	AS	-30	-9	37799	6873	TO-15 + methane
IA-11	0917	AI	-30	-10	37405	13564	
SSD-1	1210	AE	-30	-6	23992		
SSD-2	1215		-30	-6	37386		
SSD-3	1220		-30	-5	34503		
SSD-6	1245		-30	-6	23156		
SV-1R	1 0900	AS	-30	-8	37790	6869	

Comments:

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

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	1/6/23 9:25	Client York	1-6-23 9:25	Client York	1-6-23
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
C Yahle / York	1/6/23 1405	K Blockus / York	1/6/23 2015	Victor D. York	1/6/23 20:15
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Victor D. York	1/6/23			Alanny Camilo	1/9/23 12:00

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 02/20/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23B0582

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

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

Report Date: 02/20/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23B0582

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 13, 2023 and listed below. The project was identified as your project: **C314132 WIllow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23B0582-01	EX-1	Vapor Extraction	02/09/2023	02/13/2023
23B0582-02	SSD-4	Vapor Extraction	02/09/2023	02/13/2023
23B0582-03	SSD-7	Vapor Extraction	02/09/2023	02/13/2023

General Notes for York Project (SDG) No.: 23B0582

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

Approved By: **Date:** 02/20/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: EX-1 **York Sample ID:** 23B0582-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.2	3.16	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 07:45	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.7	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.2	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.4	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.7	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.3	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.31	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.3	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.6	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.4	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.9	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.3	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.5	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**110**		ug/m³	2.2	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.6	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
106-99-0	1,3-Butadiene	ND		ug/m³	2.1	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.5	3.16	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 07:45	VH

Sample Information

Client Sample ID: EX-1 **York Sample ID:** 23B0582-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.9	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
123-91-1	1,4-Dioxane	ND		ug/m³	2.3	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
78-93-3	**2-Butanone**	**16**		ug/m³	0.93	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
591-78-6	* 2-Hexanone	ND	TO-CCV	ug/m³	2.6	3.16	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 07:45	VH
107-05-1	3-Chloropropene	ND		ug/m³	4.9	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.3	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
67-64-1	**Acetone**	**41**		ug/m³	1.5	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.69	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
71-43-2	**Benzene**	**14**		ug/m³	1.0	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.6	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
75-27-4	Bromodichloromethane	ND		ug/m³	2.1	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
75-25-2	Bromoform	ND		ug/m³	3.3	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ug/m³	1.2	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
75-15-0	**Carbon disulfide**	**6.7**		ug/m³	0.98	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	0.50	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
108-90-7	**Chlorobenzene**	**190**		ug/m³	1.5	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
75-00-3	Chloroethane	ND		ug/m³	0.83	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
67-66-3	**Chloroform**	**1.9**		ug/m³	1.5	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH
74-87-3	Chloromethane	ND		ug/m³	0.65	3.16	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 07:45	VH

Sample Information

Client Sample ID: **EX-1** **York Sample ID:** **23B0582-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**42**		ug/m³	0.31	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.4	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
110-82-7	**Cyclohexane**	**51**		ug/m³	1.1	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
124-48-1	Dibromochloromethane	ND		ug/m³	2.7	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
75-71-8	**Dichlorodifluoromethane**	**22**		ug/m³	1.6	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
141-78-6	* Ethyl acetate	ND		ug/m³	2.3	3.16	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 07:45	VH
100-41-4	**Ethyl Benzene**	**2.1**		ug/m³	1.4	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	3.4	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
67-63-0	**Isopropanol**	**14**		ug/m³	1.6	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	1.3	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.1	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
75-09-2	Methylene chloride	ND		ug/m³	2.2	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
142-82-5	**n-Heptane**	**12**		ug/m³	1.3	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
110-54-3	**n-Hexane**	**16**		ug/m³	1.1	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
95-47-6	**o-Xylene**	**2.6**		ug/m³	1.4	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
179601-23-1	**p- & m- Xylenes**	**4.8**		ug/m³	2.7	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.6	3.16	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 07:45	VH
115-07-1	* Propylene	ND		ug/m³	0.54	3.16	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 07:45	VH
100-42-5	Styrene	ND		ug/m³	1.3	3.16	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 07:45	VH

Sample Information

Client Sample ID: EX-1 **York Sample ID:** 23B0582-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**29**		ug/m³	2.1	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**17**		ug/m³	1.9	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications:			
108-88-3	**Toluene**	**5.0**		ug/m³	1.2	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**1.4**		ug/m³	1.3	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**12**		ug/m³	0.42	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**15**		ug/m³	1.8	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	1.1	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	1.4	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	**Vinyl Chloride**	**1.5**		ug/m³	0.40	3.16	EPA TO-15	02/15/2023 08:00	02/16/2023 07:45	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**10100**		ppmv	31.6	3.16	GC/FID	02/18/2023 10:22	02/18/2023 12:09	CLO
							Certifications:			

Sample Information

Client Sample ID: SSD-4 **York Sample ID:** 23B0582-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: SSD-4 **York Sample ID:** 23B0582-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.4	7.87	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 08:32	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.3	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.4	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.0	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.3	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.2	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.78	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.8	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	3.9	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.0	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.7	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.2	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.6	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**21**		ug/m³	5.5	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	3.9	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
106-99-0	1,3-Butadiene	ND		ug/m³	5.2	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.7	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.6	7.87	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 08:32	VH

Sample Information

Client Sample ID: **SSD-4** **York Sample ID:** **23B0582-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.7	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
123-91-1	1,4-Dioxane	ND		ug/m³	5.7	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
78-93-3	**2-Butanone**	**31**		ug/m³	2.3	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
591-78-6	* 2-Hexanone	ND	TO-CCV	ug/m³	6.4	7.87	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 08:32	VH
107-05-1	3-Chloropropene	ND		ug/m³	12	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.2	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
67-64-1	**Acetone**	**80**		ug/m³	3.7	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
107-13-1	Acrylonitrile	ND		ug/m³	1.7	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
71-43-2	Benzene	ND		ug/m³	2.5	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
100-44-7	Benzyl chloride	ND		ug/m³	4.1	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
75-27-4	Bromodichloromethane	ND		ug/m³	5.3	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
75-25-2	Bromoform	ND		ug/m³	8.1	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ug/m³	3.1	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
75-15-0	Carbon disulfide	ND		ug/m³	2.5	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	1.2	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
108-90-7	**Chlorobenzene**	**3.6**		ug/m³	3.6	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
75-00-3	Chloroethane	ND		ug/m³	2.1	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
67-66-3	Chloroform	ND		ug/m³	3.8	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
74-87-3	Chloromethane	ND		ug/m³	1.6	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH

Sample Information

Client Sample ID: **SSD-4** **York Sample ID:** **23B0582-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.78	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.6	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
110-82-7	**Cyclohexane**	**3.0**		ug/m³	2.7	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
124-48-1	Dibromochloromethane	ND		ug/m³	6.7	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
75-71-8	**Dichlorodifluoromethane**	**5.8**		ug/m³	3.9	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
141-78-6	* Ethyl acetate	ND		ug/m³	5.7	7.87	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 08:32	VH
100-41-4	Ethyl Benzene	ND		ug/m³	3.4	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	8.4	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
67-63-0	Isopropanol	ND		ug/m³	3.9	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	3.2	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.8	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
75-09-2	Methylene chloride	ND		ug/m³	5.5	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
142-82-5	n-Heptane	ND		ug/m³	3.2	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
110-54-3	n-Hexane	ND		ug/m³	2.8	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
95-47-6	o-Xylene	ND		ug/m³	3.4	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
179601-23-1	p- & m- Xylenes	ND		ug/m³	6.8	7.87	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 08:32	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	3.9	7.87	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 08:32	VH
115-07-1	* Propylene	ND		ug/m³	1.4	7.87	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 08:32	VH

Sample Information

Client Sample ID: SSD-4 **York Sample ID:** 23B0582-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	3.4	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	5.3	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
109-99-9	*** Tetrahydrofuran**	**150**		ug/m³	4.6	7.87	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 08:32	VH
108-88-3	**Toluene**	**1000**		ug/m³	3.0	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.1	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.6	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
79-01-6	Trichloroethylene	ND		ug/m³	1.1	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.4	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
108-05-4	Vinyl acetate	ND		ug/m³	2.8	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
593-60-2	Vinyl bromide	ND		ug/m³	3.4	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH
75-01-4	Vinyl Chloride	ND		ug/m³	1.0	7.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 08:32	VH

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**461**		ppmv	15.7	1.57	GC/FID Certifications:	02/18/2023 10:22	02/18/2023 12:21	CLO

Sample Information

Client Sample ID: SSD-7 **York Sample ID:** 23B0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SSD-7 **York Sample ID:** 23B0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	11	16.23	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 16:40	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.9	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.9	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.6	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.0	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	12	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.8	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.6	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.5	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
76-14-2	**1,2-Dichlorotetrafluoroethane**	**36**		ug/m³	11	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.0	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
106-99-0	1,3-Butadiene	ND		ug/m³	11	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.8	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.5	16.23	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 16:40	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.8	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH

Sample Information

Client Sample ID: SSD-7 **York Sample ID:** 23B0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	12	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
78-93-3	**2-Butanone**	**980**		ug/m³	4.8	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
591-78-6	* 2-Hexanone	ND		ug/m³	13	16.23	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 16:40	VH
107-05-1	3-Chloropropene	ND		ug/m³	25	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.6	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
67-64-1	**Acetone**	**2000**		ug/m³	31	64.92	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 09:22	VH
107-13-1	Acrylonitrile	ND		ug/m³	3.5	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
71-43-2	Benzene	ND		ug/m³	5.2	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
100-44-7	Benzyl chloride	ND		ug/m³	8.4	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
75-27-4	Bromodichloromethane	ND		ug/m³	11	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
75-25-2	Bromoform	ND		ug/m³	17	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ug/m³	6.3	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
75-15-0	Carbon disulfide	ND		ug/m³	5.1	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
108-90-7	Chlorobenzene	ND		ug/m³	7.5	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
75-00-3	Chloroethane	ND		ug/m³	4.3	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
67-66-3	Chloroform	ND		ug/m³	7.9	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
74-87-3	Chloromethane	ND		ug/m³	3.4	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.6	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH

Sample Information

Client Sample ID: **SSD-7** **York Sample ID:** **23B0582-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.4	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
110-82-7	Cyclohexane	ND		ug/m³	5.6	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
124-48-1	Dibromochloromethane	ND		ug/m³	14	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
75-71-8	**Dichlorodifluoromethane**	**67**		ug/m³	8.0	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
141-78-6	* Ethyl acetate	ND		ug/m³	12	16.23	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 16:40	VH
100-41-4	Ethyl Benzene	ND		ug/m³	7.0	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	17	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
67-63-0	**Isopropanol**	**12**		ug/m³	8.0	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	6.6	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.9	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
75-09-2	Methylene chloride	ND		ug/m³	11	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
142-82-5	n-Heptane	ND		ug/m³	6.7	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
110-54-3	n-Hexane	ND		ug/m³	5.7	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
95-47-6	o-Xylene	ND		ug/m³	7.0	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
179601-23-1	p- & m- Xylenes	ND		ug/m³	14	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.0	16.23	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 16:40	VH
115-07-1	* Propylene	ND		ug/m³	2.8	16.23	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 16:40	VH
100-42-5	Styrene	ND		ug/m³	6.9	16.23	EPA TO-15 Certifications:	02/15/2023 08:00 NELAC-NY12058,NJDEP-Queens	02/16/2023 16:40	VH

Sample Information

Client Sample ID: SSD-7 **York Sample ID:** 23B0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0582	C314132 WIllow Brook Rentals LLC	Vapor Extraction	February 9, 2023 3:00 pm	02/13/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/m³	11	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
109-99-9	*** Tetrahydrofuran**	**4800**		ug/m³	38	64.92	EPA TO-15 Certifications:	02/15/2023 08:00	02/16/2023 09:22	VH
108-88-3	**Toluene**	**20**		ug/m³	6.1	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.4	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.4	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
79-01-6	Trichloroethylene	ND		ug/m³	2.2	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.1	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
108-05-4	Vinyl acetate	ND		ug/m³	5.7	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
593-60-2	Vinyl bromide	ND		ug/m³	7.1	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH
75-01-4	Vinyl Chloride	ND		ug/m³	2.1	16.23	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/15/2023 08:00	02/16/2023 16:40	VH

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**3230**		ppmv	16.2	1.62	GC/FID Certifications:	02/18/2023 10:22	02/18/2023 12:47	CLO

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
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132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 23B0582

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: VT Consulting Services Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone:	Phone:	Phone:	YOUR Project Name: C314132 Willow Brook Rentals LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

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

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

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

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
EX-1	2/9/23	AE	-27	-6	36889	N/A	TO-15 + Methane
SSD-4	"	"	-30	-6	18303	"	"
SSD-7	"	"	-30	-6	22081	"	"

Comments:

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

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	2/10/23	Client@York	2-10-23 10:50	Client@York	2-10-23 1444
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
FC Yale / YORK	2/10/23 1444	Victor D. York	2/10/23 20:50	Victor D. York	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Haraldo 0931 02/13/23	02/13/23 0931

APPENDIX C
2017 LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 02/03/2017
Client Project ID: 10-14 Tucker Dr Poughkeepsie NY
York Project (SDG) No.: 17A0930

Report Date: 02/03/2017
Client Project ID: 10-14 Tucker Dr Poughkeepsie NY
York Project (SDG) No.: 17A0930

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 27, 2017 and listed below. The project was identified as your project: **10-14 Tucker Dr Poughkeepsie NY**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
17A0930-01	Soil Gas SG-1	Soil Vapor	01/26/2017	01/27/2017
17A0930-02	Soil Gas SG-2	Soil Vapor	01/26/2017	01/27/2017
17A0930-03	Soil Gas SG-3	Soil Vapor	01/26/2017	01/27/2017

General Notes for York Project (SDG) No.: 17A0930

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

Approved By:

Date: 02/03/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: Soil Gas SG-1 **York Sample ID:** 17A0930-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**56**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
76-14-2	**1,2-Dichlorotetrafluoroethane**	**1200**		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**44**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
78-93-3	**2-Butanone**	**42**		ug/m³	5.0	5.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS

Sample Information

Client Sample ID: **Soil Gas SG-1** **York Sample ID:** **17A0930-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS
107-05-1	3-Chloropropene	ND		ug/m³	26	26	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	6.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
67-64-1	**Acetone**	**110**		ug/m³	8.0	8.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
107-13-1	Acrylonitrile	ND		ug/m³	3.6	3.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
71-43-2	**Benzene**	**5800**		ug/m³	21	21	67.2	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/31/2017 13:29	01/31/2017 14:39	LDS
100-44-7	Benzyl chloride	ND		ug/m³	8.7	8.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-25-2	Bromoform	ND		ug/m³	17	17	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
74-83-9	Bromomethane	ND		ug/m³	6.5	6.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-15-0	**Carbon disulfide**	**1300**		ug/m³	5.2	5.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	2.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
108-90-7	**Chlorobenzene**	**2800**		ug/m³	7.7	7.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-00-3	Chloroethane	ND		ug/m³	4.4	4.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
67-66-3	Chloroform	ND		ug/m³	8.2	8.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
110-82-7	**Cyclohexane**	**8100**		ug/m³	23	23	67.2	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/31/2017 13:29	01/31/2017 14:39	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-71-8	**Dichlorodifluoromethane**	**510**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS

Sample Information

Client Sample ID: **Soil Gas SG-1** **York Sample ID:** **17A0930-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**260**		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	Isopropanol	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	Methylene chloride	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**6600**		ug/m³	28	28	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 14:39	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**4900**		ug/m³	24	24	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 14:39	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**38**		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	**p- & m- Xylenes**	**230**		ug/m³	15	15	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**35**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	2.9	2.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:			
100-42-5	Styrene	ND		ug/m³	7.2	7.2	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**5.7**		ug/m³	2.8	2.8	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	9.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:			
108-88-3	**Toluene**	**110**		ug/m³	6.3	6.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	Trichloroethylene	ND		ug/m³	2.3	2.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.4	9.4	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: **Soil Gas SG-1** **York Sample ID:** **17A0930-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.3	4.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.7 %*	*72-118*

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**610000**		ppmv	14000	14000	2800	GC/FID	02/03/2017 07:54	02/03/2017 09:17	RQB
								Certifications:			

Sample Information

Client Sample ID: **Soil Gas SG-2** **York Sample ID:** **17A0930-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-2 **York Sample ID:** 17A0930-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**910**		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
123-91-1	1,4-Dioxane	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
78-93-3	**2-Butanone**	**6.9**		ug/m³	5.0	5.0	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	26	26	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-64-1	**Acetone**	**73**		ug/m³	8.0	8.0	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
107-13-1	Acrylonitrile	ND		ug/m³	3.6	3.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
71-43-2	**Benzene**	**14**		ug/m³	5.4	5.4	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
100-44-7	Benzyl chloride	ND		ug/m³	8.7	8.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-25-2	Bromoform	ND		ug/m³	17	17	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-2 **York Sample ID:** 17A0930-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/m³	6.5	6.5	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-15-0	**Carbon disulfide**	**5.2**		ug/m³	5.2	5.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	2.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-90-7	**Chlorobenzene**	**18**		ug/m³	7.7	7.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-00-3	Chloroethane	ND		ug/m³	4.4	4.4	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-66-3	Chloroform	ND		ug/m³	8.2	8.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-59-2	**cis-1,2-Dichloroethylene**	**32**		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-82-7	**Cyclohexane**	**150**		ug/m³	5.8	5.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-71-8	**Dichlorodifluoromethane**	**110**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	Isopropanol	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**21**		ug/m³	6.1	6.1	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	Methylene chloride	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**11**		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**16**		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**8.0**		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-2 **York Sample ID:** 17A0930-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	**p- & m- Xylenes**	**15**		ug/m³	15	15	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**9.9**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	2.9	2.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
100-42-5	Styrene	ND		ug/m³	7.2	7.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**41**		ug/m³	2.8	2.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	9.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
108-88-3	**Toluene**	**12**		ug/m³	6.3	6.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	**Trichloroethylene**	**31**		ug/m³	2.3	2.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.4	9.4	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-01-4	**Vinyl Chloride**	**12**		ug/m³	4.3	4.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**250000**		ppmv	8400	8400	1680	GC/FID	02/03/2017 07:54	02/03/2017 09:31	RQB
								Certifications:			

Sample Information

Client Sample ID: Soil Gas SG-3 **York Sample ID:** 17A0930-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Sample Information

Client Sample ID: **Soil Gas SG-3** **York Sample ID:** **17A0930-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**630**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
76-14-2	**1,2-Dichlorotetrafluoroethane**	**5800**		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**340**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS
106-46-7	**1,4-Dichlorobenzene**	**110**		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
78-93-3	**2-Butanone**	**110**		ug/m³	5.0	5.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS

Sample Information

Client Sample ID: **Soil Gas SG-3** **York Sample ID:** **17A0930-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS
107-05-1	3-Chloropropene	ND		ug/m³	26	26	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	6.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
67-64-1	**Acetone**	**80**		ug/m³	8.0	8.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
107-13-1	Acrylonitrile	ND		ug/m³	3.6	3.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
71-43-2	**Benzene**	**290**		ug/m³	5.4	5.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
100-44-7	Benzyl chloride	ND		ug/m³	8.7	8.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-25-2	Bromoform	ND		ug/m³	17	17	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
74-83-9	Bromomethane	ND		ug/m³	6.5	6.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-15-0	**Carbon disulfide**	**190**		ug/m³	5.2	5.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	2.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
108-90-7	**Chlorobenzene**	**920**		ug/m³	7.7	7.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-00-3	Chloroethane	ND		ug/m³	4.4	4.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
67-66-3	Chloroform	ND		ug/m³	8.2	8.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**340**		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
110-82-7	**Cyclohexane**	**95**		ug/m³	5.8	5.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-71-8	**Dichlorodifluoromethane**	**1900**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS

Sample Information

Client Sample ID: **Soil Gas SG-3** **York Sample ID:** **17A0930-03RE1**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**8600**		ug/m³	29	29	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	Isopropanol	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	Methylene chloride	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**510**		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**56**		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**4300**		ug/m³	29	29	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	**p- & m- Xylenes**	**22000**		ug/m³	58	58	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**800**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:			
115-07-1	*** Propylene**	**4300**	E	ug/m³	12	12	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:			
100-42-5	Styrene	ND		ug/m³	7.2	7.2	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	2.8	2.8	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	9.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:			
108-88-3	**Toluene**	**14000**		ug/m³	51	51	134.4	EPA TO-15	01/31/2017 13:29	01/31/2017 17:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	**trans-1,2-Dichloroethylene**	**25**		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	**Trichloroethylene**	**82**		ug/m³	2.3	2.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.4	9.4	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-3 **York Sample ID:** 17A0930-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**750**		ug/m³	4.3	4.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**620000**		ppmv	8400	8400	1680	GC/FID	02/03/2017 07:54	02/03/2017 09:37	RQB
								Certifications:			

Notes and Definitions

QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

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

York Project No. 17A0930

YOUR Information	Report To:	Invoice To:	YOUR Project ID
Company: DT Consulting Services Inc	Company: Same	Company: Same	10-14 Tucker Dr Poughkeepsie NY
Address:	Address:	Address:	Purchase Order No.
Phone No.	Phone No.	Phone No.	
Contact Person: Deborah Thompson	Attention:	Attention:	Samples from: CT___ NY ✓ NJ___
E-Mail Address:	E-Mail Address:	E-Mail Address:	

Turn-Around Time

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

Report Type/Deliverables

- Summary Report ✓
- Summary w/ QA Summary
- CT RCP Package
- NY ASP A Package
- NY ASP B/CLP Pkg
- NJDEP Reduced

Electronic Deliverables:

- EDD (Specify Type)
- Standard Excel
- Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Deborah Thompson
Samples Collected/Authorized By (Signature)

Deborah Thompson
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required

- ≤ 1 ug/m³ ✓
- NYSDEC VI Limits (VI =vapor instrusion)
- NJDEP low level
- Routine Survey
- Other

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
Soil Gas SG-1	1/26/17	AS	29	0	17350	T5	TO-15 + Methane	6 Liter canister ✓ Tedlar Bag
SG-2	↓	↓	25.5	0	15525	F21	↓	↓
SG-3			29	0				

Comments

Deborah Thompson 1/27/17
Samples Relinquished By Date/Time

James Gomes 1-27-17 20:20
Samples Relinquished By Date/Time

Chris C 1-27-17 10:30
Samples Received By Date/Time

1-30-17 730
Samples Received in LAB by Date/Time

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 02/03/2017
Client Project ID: 10-14 Tucker Rd. Poughkeepsie, NY
York Project (SDG) No.: 17A0928

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

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

Report Date: 02/03/2017
Client Project ID: 10-14 Tucker Rd. Poughkeepsie, NY
York Project (SDG) No.: 17A0928

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 27, 2017 and listed below. The project was identified as your project: **10-14 Tucker Rd. Poughkeepsie, NY**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
17A0928-01	Soil Boring SB-1 GW	Soil	01/26/2017	01/27/2017
17A0928-02	Soil Boring SB2-GW	Water	01/26/2017	01/27/2017
17A0928-03	Soil Boring SB3-GW	Water	01/26/2017	01/27/2017
17A0928-04	Soil Boring SB4	Soil	01/26/2017	01/27/2017
17A0928-05	Soil Boring SB5	Soil	01/26/2017	01/27/2017
17A0928-06	Soil Boring SB6	Soil	01/26/2017	01/27/2017

General Notes for York Project (SDG) No.: 17A0928

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

Approved By:

Date: 02/03/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: Soil Boring SB-1 GW

York Sample ID: 17A0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Soil Boring SB-1 GW **York Sample ID:** 17A0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	NELAC-NY10854,NJDEP		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	NELAC-NY10854,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-64-1	**Acetone**	**12**	CCV-E	ug/kg dry	6.0	12	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	NELAC-NY10854,NJDEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: Soil Boring SB-1 GW **York Sample ID:** 17A0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	12	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**8.6**	J	ug/kg dry	3.0	12	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Soil Boring SB-1 GW **York Sample ID:** 17A0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260C	02/03/2017 08:25	02/03/2017 12:32	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.2 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**59**	J	ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D	01/31/2017 07:43	01/31/2017 13:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil Boring SB-1 GW **York Sample ID:** 17A0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**160**		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 07:43	01/31/2017 13:54	KH
85-01-8	**Phenanthrene**	**130**		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 07:43	01/31/2017 13:54	KH
129-00-0	**Pyrene**	**60**	J	ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 07:43	01/31/2017 13:54	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.5 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*50.2 %*	*24-116*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**83.5**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/30/2017 12:48	01/30/2017 14:35	TJM

Sample Information

Client Sample ID: Soil Boring SB2-GW **York Sample ID:** 17A0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS

Sample Information

Client Sample ID: Soil Boring SB2-GW **York Sample ID:** 17A0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 NELAC-NY10854,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 NELAC-NY10854,NJDEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 NELAC-NY10854,NJDEP	SS
527-53-7	**1,2,4,5-Tetramethylbenzene**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 NELAC-NY10854	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 NELAC-NY10854,NJDEP	SS
95-63-6	**1,2,4-Trimethylbenzene**	**3.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
95-50-1	**1,2-Dichlorobenzene**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
541-73-1	**1,3-Dichlorobenzene**	**0.46**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 NELAC-NY10854,NJDEP	SS
106-46-7	**1,4-Dichlorobenzene**	**17**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 NELAC-NY10854,NJDEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21	02/02/2017 02:42 CTDOH,NELAC-NY10854,NJDEP	SS

Sample Information

Client Sample ID: Soil Boring SB2-GW **York Sample ID:** 17A0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
67-64-1	**Acetone**	**2.2**	SCAL-E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
71-43-2	**Benzene**	**160**		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/03/2017 04:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
75-15-0	**Carbon disulfide**	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
108-90-7	**Chlorobenzene**	**140**		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/03/2017 04:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
100-41-4	**Ethyl Benzene**	**17**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
98-82-8	**Isopropylbenzene**	**11**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS

Sample Information

Client Sample ID: Soil Boring SB2-GW **York Sample ID:** 17A0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.7**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
91-20-3	**Naphthalene**	**57**	CCV-E, ICV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
104-51-8	**n-Butylbenzene**	**0.61**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
103-65-1	**n-Propylbenzene**	**8.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
95-47-6	**o-Xylene**	**4.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/01/2017 15:21	02/02/2017 02:42	SS
179601-23-1	**p- & m- Xylenes**	**1.7**		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/01/2017 15:21	02/02/2017 02:42	SS
105-05-5	**p-Diethylbenzene**	**0.79**		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/01/2017 15:21	02/02/2017 02:42	SS
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/01/2017 15:21	02/02/2017 02:42	SS
99-87-6	**p-Isopropyltoluene**	**0.42**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
135-98-8	**sec-Butylbenzene**	**0.83**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
98-06-6	**tert-Butylbenzene**	**0.28**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
108-88-3	**Toluene**	**0.68**	B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS
1330-20-7	*** Xylenes, Total**	**6.0**		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/01/2017 15:21	02/02/2017 02:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.6 %*	*81-117*

Sample Information

Client Sample ID: Soil Boring SB2-GW

York Sample ID: 17A0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.0 %*			*79-122*						

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.98**		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.11**		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.10**		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.72**		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**17**		ug/L	3.1	6.2	1	EPA 8270D	02/01/2017 09:55	02/02/2017 14:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.65**		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.14**		ug/L	0.062	0.062	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:25	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*57.8 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.2 %*	*16-84*
1718-51-0	*Surrogate: Terphenyl-d14*	*49.3 %*	*15-106*

Sample Information

Client Sample ID: Soil Boring SB3-GW **York Sample ID:** 17A0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	NELAC-NY10854,NJDEP		
527-53-7	**1,2,4,5-Tetramethylbenzene**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	NELAC-NY10854		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	**1,2,4-Trimethylbenzene**	**5.0**		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	**1,2-Dichlorobenzene**	**3.4**		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.93**		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
541-73-1	**1,3-Dichlorobenzene**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: Soil Boring SB3-GW **York Sample ID:** 17A0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	**1,4-Dichlorobenzene**	**8.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
78-93-3	**2-Butanone**	**1.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
67-64-1	**Acetone**	**4.7**	SCAL-E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
71-43-2	**Benzene**	**28**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
74-83-9	**Bromomethane**	**3.0**	Cal-E, CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
75-15-0	**Carbon disulfide**	**0.89**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
108-90-7	**Chlorobenzene**	**410**		ug/L	5.0	12	25	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/03/2017 03:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS

Sample Information

Client Sample ID: Soil Boring SB3-GW **York Sample ID:** 17A0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
100-41-4	**Ethyl Benzene**	**0.92**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
98-82-8	**Isopropylbenzene**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**4.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
91-20-3	**Naphthalene**	**25**	CCV-E, ICV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
104-51-8	**n-Butylbenzene**	**0.56**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
103-65-1	**n-Propylbenzene**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
95-47-6	**o-Xylene**	**0.59**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854	02/02/2017 03:08	SS
179601-23-1	**p- & m- Xylenes**	**3.1**		ug/L	0.50	1.0	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854	02/02/2017 03:08	SS
105-05-5	**p-Diethylbenzene**	**0.73**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854	02/02/2017 03:08	SS
622-96-8	**p-Ethyltoluene**	**0.93**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 NELAC-NY10854	02/02/2017 03:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
135-98-8	**sec-Butylbenzene**	**0.56**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
98-06-6	**tert-Butylbenzene**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
108-88-3	**Toluene**	**0.37**	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	02/01/2017 15:21 CTDOH,NELAC-NY10854,NJDEP	02/02/2017 03:08	SS

Sample Information

Client Sample ID: Soil Boring SB3-GW **York Sample ID:** 17A0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	*** Xylenes, Total**	**3.7**		ug/L	0.60	1.5	1	EPA 8260C	02/01/2017 15:21	02/02/2017 03:08	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.3 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS) List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.33**		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.073**		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.34**		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil Boring SB3-GW **York Sample ID:** 17A0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Water	January 26, 2017 3:00 pm	01/27/2017

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**4.6**		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.36**		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	0.061	0.061	1	EPA 8270D	02/01/2017 09:55	02/01/2017 21:56	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*70.2 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.8 %*	*16-84*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.3 %*	*15-106*

Sample Information

Client Sample ID: Soil Boring SB4 **York Sample ID:** 17A0928-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: Soil Boring SB4 **York Sample ID:** 17A0928-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
78-93-3	**2-Butanone**	**15**		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
67-64-1	**Acetone**	**60**		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK

Sample Information

Client Sample ID: Soil Boring SB4 **York Sample ID:** 17A0928-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
108-90-7	**Chlorobenzene**	**9.6**		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
75-09-2	**Methylene chloride**	**5.9**	CCV-E, J	ug/kg dry	5.7	11	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 14:36	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 14:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854	01/31/2017 14:36	BK

Sample Information

Client Sample ID: Soil Boring SB4 **York Sample ID:** 17A0928-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C	01/31/2017 08:00	01/31/2017 14:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil Boring SB4 **York Sample ID:** 17A0928-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**58**	J	ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**65**	J	ug/kg dry	47	95	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*37.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.9 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*36.2 %*	*24-116*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	0.100	1	SM 2540G	01/30/2017 12:48	01/30/2017 14:35	TJM
								Certifications:	CTDOH		

Sample Information

Client Sample ID: **Soil Boring SB5** **York Sample ID:** **17A0928-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	NELAC-NY10854,NJDEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Soil Boring SB5 **York Sample ID:** 17A0928-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
78-93-3	**2-Butanone**	**5.0**	J	ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
67-64-1	**Acetone**	**24**		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:09	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:09	BK

Sample Information

Client Sample ID: Soil Boring SB5 **York Sample ID:** 17A0928-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:09	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:09	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.6	11	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854	01/31/2017 15:09	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854	01/31/2017 15:09	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:09	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:09	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:09	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:09	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:09	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:09	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 15:09	BK

Sample Information

Client Sample ID: Soil Boring SB5 **York Sample ID:** 17A0928-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**120**		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**76**	J	ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**62**	J	ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**73**	J	ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**120**		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**230**		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**140**		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **Soil Boring SB5** **York Sample ID:** **17A0928-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	**Pyrene**	**200**		ug/kg dry	44	88	2	EPA 8270D	01/31/2017 07:43	01/31/2017 14:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.1 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.2 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*35.7 %*	*24-116*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.2**		%	0.100	0.100	1	SM 2540G	01/30/2017 12:48	01/30/2017 14:35	TJM
								Certifications: CTDOH			

Sample Information

Client Sample ID: **Soil Boring SB6** **York Sample ID:** **17A0928-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:41	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:41	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:41	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:41	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:41	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:41	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/31/2017 08:00	01/31/2017 15:41	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Soil Boring SB6 **York Sample ID:** 17A0928-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
95-63-6	**1,2,4-Trimethylbenzene**	**83**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
108-67-8	**1,3,5-Trimethylbenzene**	**6.0**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
106-46-7	**1,4-Dichlorobenzene**	**16**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
78-93-3	**2-Butanone**	**17**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
67-64-1	**Acetone**	**63**		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK

Sample Information

Client Sample ID: Soil Boring SB6 **York Sample ID:** 17A0928-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
108-90-7	**Chlorobenzene**	**22**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
156-59-2	**cis-1,2-Dichloroethylene**	**4.8**	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
100-41-4	**Ethyl Benzene**	**4.1**	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
98-82-8	**Isopropylbenzene**	**9.6**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 08:00	01/31/2017 15:41	BK
91-20-3	**Naphthalene**	**32**		ug/kg dry	2.9	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
104-51-8	**n-Butylbenzene**	**6.2**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK
103-65-1	**n-Propylbenzene**	**19**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/31/2017 08:00	01/31/2017 15:41	BK

Sample Information

Client Sample ID: Soil Boring SB6 **York Sample ID:** 17A0928-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854	01/31/2017 15:41	BK
179601-23-1	**p- & m- Xylenes**	**41**		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854	01/31/2017 15:41	BK
99-87-6	**p-Isopropyltoluene**	**3.5**	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:41	BK
135-98-8	**sec-Butylbenzene**	**5.9**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:41	BK
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:41	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:41	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:41	BK
108-88-3	**Toluene**	**4.2**	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP	01/31/2017 15:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:41	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:41	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 NELAC-NY10854,NJDEP	01/31/2017 15:41	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:41	BK
1330-20-7	**Xylenes, Total**	**41**		ug/kg dry	8.7	17	1	EPA 8260C Certifications:	01/31/2017 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:41	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.5 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications:	01/31/2017 07:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:29	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications:	01/31/2017 07:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2017 15:29	KH

Sample Information

Client Sample ID: Soil Boring SB6 **York Sample ID:** 17A0928-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0928	10-14 Tucker Rd. Poughkeepsie, NY	Soil	January 26, 2017 3:00 pm	01/27/2017

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	49	97	2	EPA 8270D	01/31/2017 07:43	01/31/2017 15:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*42.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.7 %*	*21-113*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.6 %*	*24-116*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.9**		%	0.100	0.100	1	SM 2540G	01/30/2017 12:48	01/30/2017 14:35	TJM
								Certifications:	CTDOH		

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17A0928-01	Soil Boring SB-1 GW	2 oz. WM Clear Glass Cool to 4° C
17A0928-02	Soil Boring SB2-GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17A0928-03	Soil Boring SB3-GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17A0928-04	Soil Boring SB4	2 oz. WM Clear Glass Cool to 4° C
17A0928-05	Soil Boring SB5	2 oz. WM Clear Glass Cool to 4° C
17A0928-06	Soil Boring SB6	2 oz. WM Clear Glass Cool to 4° C

Notes and Definitions

VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record

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

York Project No. 17A0928

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type**
Company: PT Consulting Services Inc	Company: Same	Company: Same	10-14 Tucker Rd Poughkeepsie, NY	RUSH - Same Day	Summary Report X
Address:	Address:	Address:	**Purchase Order No.**	RUSH - Next Day	Summary w/ QA Summary
Phone No.	Phone No.	Phone No.		RUSH - Two Day	CT RCP Package
Contact Person: Deborah	Attention:	Attention:		RUSH - Three Day	CTRCP DQA/DUE Pkg
E-Mail Address: Tompson	E-Mail Address:	E-Mail Address:	Samples from: CT NY X NJ	RUSH - Four Day	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Deborah Thompson
Samples Collected/Authorized By (Signature)

Deborah Tompson
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Residue	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Leachate Soil Drinking Water	BTU lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Leachate Surface Water	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Soil boring SB-1	1/26/17	S	8260 (full), 8270 B/N (CP-51)	(1) 2oz + (1) 4oz
SB-2 GW		GW		(2) 40ml (1) 1L
SB3 GW		↳		↳
SB4		S		(1) 2oz (1) 4oz
SB5				
SB6		↓	↓	↓

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered
Lab to Filter

4°C X Frozen HCl MeOH HNO_3 H_2SO_4 NaOH
ZnAc Ascorbic Acid Other

Deborah Thompson 1/27/16
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

1-27-17 10:30
Samples Received By Date/Time

1/27/17 1510
Samples Received in LAB by Date/Time

Temperature on Receipt 4.0 °C

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 02/03/2017
Client Project ID: 10-14 Tucker Dr Poughkeepsie NY
York Project (SDG) No.: 17A0930

Report Date: 02/03/2017
Client Project ID: 10-14 Tucker Dr Poughkeepsie NY
York Project (SDG) No.: 17A0930

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 27, 2017 and listed below. The project was identified as your project: **10-14 Tucker Dr Poughkeepsie NY**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
17A0930-01	Soil Gas SG-1	Soil Vapor	01/26/2017	01/27/2017
17A0930-02	Soil Gas SG-2	Soil Vapor	01/26/2017	01/27/2017
17A0930-03	Soil Gas SG-3	Soil Vapor	01/26/2017	01/27/2017

General Notes for York Project (SDG) No.: 17A0930

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

Approved By:

Date: 02/03/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: Soil Gas SG-1 **York Sample ID:** 17A0930-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**56**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
76-14-2	**1,2-Dichlorotetrafluoroethane**	**1200**		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**44**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
78-93-3	**2-Butanone**	**42**		ug/m³	5.0	5.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS

Sample Information

Client Sample ID: **Soil Gas SG-1** **York Sample ID:** **17A0930-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS
107-05-1	3-Chloropropene	ND		ug/m³	26	26	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	6.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
67-64-1	**Acetone**	**110**		ug/m³	8.0	8.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
107-13-1	Acrylonitrile	ND		ug/m³	3.6	3.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
71-43-2	**Benzene**	**5800**		ug/m³	21	21	67.2	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/31/2017 13:29	01/31/2017 14:39	LDS
100-44-7	Benzyl chloride	ND		ug/m³	8.7	8.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-25-2	Bromoform	ND		ug/m³	17	17	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
74-83-9	Bromomethane	ND		ug/m³	6.5	6.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-15-0	**Carbon disulfide**	**1300**		ug/m³	5.2	5.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	2.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
108-90-7	**Chlorobenzene**	**2800**		ug/m³	7.7	7.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-00-3	Chloroethane	ND		ug/m³	4.4	4.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
67-66-3	Chloroform	ND		ug/m³	8.2	8.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
110-82-7	**Cyclohexane**	**8100**		ug/m³	23	23	67.2	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/31/2017 13:29	01/31/2017 14:39	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
75-71-8	**Dichlorodifluoromethane**	**510**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 15:12	01/30/2017 15:12	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 15:12	01/30/2017 15:12	LDS

Sample Information

Client Sample ID: **Soil Gas SG-1** **York Sample ID:** **17A0930-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**260**		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	Isopropanol	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	Methylene chloride	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**6600**		ug/m³	28	28	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 14:39	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**4900**		ug/m³	24	24	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 14:39	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**38**		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	**p- & m- Xylenes**	**230**		ug/m³	15	15	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**35**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	2.9	2.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:			
100-42-5	Styrene	ND		ug/m³	7.2	7.2	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**5.7**		ug/m³	2.8	2.8	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	9.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:			
108-88-3	**Toluene**	**110**		ug/m³	6.3	6.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	Trichloroethylene	ND		ug/m³	2.3	2.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.4	9.4	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: **Soil Gas SG-1** **York Sample ID:** **17A0930-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.3	4.3	16.8	EPA TO-15	01/30/2017 15:12	01/30/2017 15:12	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.7 %*	*72-118*

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**610000**		ppmv	14000	14000	2800	GC/FID	02/03/2017 07:54	02/03/2017 09:17	RQB
								Certifications:			

Sample Information

Client Sample ID: **Soil Gas SG-2** **York Sample ID:** **17A0930-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-2 **York Sample ID:** 17A0930-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**910**		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
123-91-1	1,4-Dioxane	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
78-93-3	**2-Butanone**	**6.9**		ug/m³	5.0	5.0	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	26	26	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-64-1	**Acetone**	**73**		ug/m³	8.0	8.0	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
107-13-1	Acrylonitrile	ND		ug/m³	3.6	3.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
71-43-2	**Benzene**	**14**		ug/m³	5.4	5.4	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
100-44-7	Benzyl chloride	ND		ug/m³	8.7	8.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-25-2	Bromoform	ND		ug/m³	17	17	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-2 **York Sample ID:** 17A0930-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/m³	6.5	6.5	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-15-0	**Carbon disulfide**	**5.2**		ug/m³	5.2	5.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	2.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-90-7	**Chlorobenzene**	**18**		ug/m³	7.7	7.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-00-3	Chloroethane	ND		ug/m³	4.4	4.4	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-66-3	Chloroform	ND		ug/m³	8.2	8.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-59-2	**cis-1,2-Dichloroethylene**	**32**		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-82-7	**Cyclohexane**	**150**		ug/m³	5.8	5.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-71-8	**Dichlorodifluoromethane**	**110**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	Isopropanol	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**21**		ug/m³	6.1	6.1	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	Methylene chloride	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**11**		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**16**		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**8.0**		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-2 **York Sample ID:** 17A0930-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 3:00 pm	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	**p- & m- Xylenes**	**15**		ug/m³	15	15	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**9.9**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	2.9	2.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
100-42-5	Styrene	ND		ug/m³	7.2	7.2	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**41**		ug/m³	2.8	2.8	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	9.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:			
108-88-3	**Toluene**	**12**		ug/m³	6.3	6.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	**Trichloroethylene**	**31**		ug/m³	2.3	2.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.4	9.4	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-01-4	**Vinyl Chloride**	**12**		ug/m³	4.3	4.3	16.8	EPA TO-15	01/30/2017 16:00	01/30/2017 16:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	*** Methane**	**250000**		ppmv	8400	8400	1680	GC/FID	02/03/2017 07:54	02/03/2017 09:31	RQB
								Certifications:			

Sample Information

Client Sample ID: Soil Gas SG-3 **York Sample ID:** 17A0930-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Sample Information

Client Sample ID: **Soil Gas SG-3** **York Sample ID:** **17A0930-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**630**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
76-14-2	**1,2-Dichlorotetrafluoroethane**	**5800**		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**340**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS
106-46-7	**1,4-Dichlorobenzene**	**110**		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
78-93-3	**2-Butanone**	**110**		ug/m³	5.0	5.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS

Sample Information

Client Sample ID: **Soil Gas SG-3** **York Sample ID:** **17A0930-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS
107-05-1	3-Chloropropene	ND		ug/m³	26	26	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	6.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
67-64-1	**Acetone**	**80**		ug/m³	8.0	8.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
107-13-1	Acrylonitrile	ND		ug/m³	3.6	3.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
71-43-2	**Benzene**	**290**		ug/m³	5.4	5.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
100-44-7	Benzyl chloride	ND		ug/m³	8.7	8.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-25-2	Bromoform	ND		ug/m³	17	17	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
74-83-9	Bromomethane	ND		ug/m³	6.5	6.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-15-0	**Carbon disulfide**	**190**		ug/m³	5.2	5.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	2.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
108-90-7	**Chlorobenzene**	**920**		ug/m³	7.7	7.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-00-3	Chloroethane	ND		ug/m³	4.4	4.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
67-66-3	Chloroform	ND		ug/m³	8.2	8.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**340**		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
110-82-7	**Cyclohexane**	**95**		ug/m³	5.8	5.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
75-71-8	**Dichlorodifluoromethane**	**1900**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	01/30/2017 16:48	01/30/2017 16:48	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	01/30/2017 16:48	01/30/2017 16:48	LDS

Sample Information

Client Sample ID: **Soil Gas SG-3** **York Sample ID:** **17A0930-03RE1**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**8600**		ug/m³	29	29	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	Isopropanol	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	Methylene chloride	ND		ug/m³	12	12	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**510**		ug/m³	6.9	6.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**56**		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**4300**		ug/m³	29	29	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	**p- & m- Xylenes**	**22000**		ug/m³	58	58	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**800**		ug/m³	8.3	8.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:			
115-07-1	*** Propylene**	**4300**	E	ug/m³	12	12	67.2	EPA TO-15	01/31/2017 13:29	01/31/2017 15:26	LDS
								Certifications:			
100-42-5	Styrene	ND		ug/m³	7.2	7.2	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	2.8	2.8	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	9.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:			
108-88-3	**Toluene**	**14000**		ug/m³	51	51	134.4	EPA TO-15	01/31/2017 13:29	01/31/2017 17:00	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	**trans-1,2-Dichloroethylene**	**25**		ug/m³	6.7	6.7	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	**Trichloroethylene**	**82**		ug/m³	2.3	2.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.4	9.4	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: Soil Gas SG-3 **York Sample ID:** 17A0930-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17A0930	10-14 Tucker Dr Poughkeepsie NY	Soil Vapor	January 26, 2017 12:00 am	01/27/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**750**		ug/m³	4.3	4.3	16.8	EPA TO-15	01/30/2017 16:48	01/30/2017 16:48	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**620000**		ppmv	8400	8400	1680	GC/FID	02/03/2017 07:54	02/03/2017 09:37	RQB
								Certifications:			

Notes and Definitions

QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

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

York Project No. 17A0930

YOUR Information	Report To:	Invoice To:	YOUR Project ID
Company: DT Consulting Services Inc	Company: Same	Company: Same	10-14 Tucker Dr Poughkeepsie NY
Address:	Address:	Address:	Purchase Order No.
Phone No.	Phone No.	Phone No.	
Contact Person: Deborah Thompson	Attention:	Attention:	Samples from: CT___ NY ✓ NJ___
E-Mail Address:	E-Mail Address:	E-Mail Address:	

Turn-Around Time

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

Report Type/Deliverables

- Summary Report ✓
- Summary w/ QA Summary
- CT RCP Package
- NY ASP A Package
- NY ASP B/CLP Pkg
- NJDEP Reduced

Electronic Deliverables:

- EDD (Specify Type)
- Standard Excel
- Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Deborah Thompson
Samples Collected/Authorized By (Signature)

Deborah Thompson
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required

- ≤ 1 ug/m³ ✓
- NYSDEC VI Limits (VI =vapor instrusion)
- NJDEP low level
- Routine Survey
- Other

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
Soil Gas SG-1	1/26/17	AS	29	0	17350	T5	TO-15 + Methane	6 Liter canister ✓ Tedlar Bag
SG-2	↓	↓	25.5	0	15525	F21	↓	↓
SG-3			29	0				

Comments

Deborah Thompson 1/27/17
Samples Relinquished By Date/Time

James Gomes 1-27-17 20:20
Samples Relinquished By Date/Time

Chris C 1-27-17 10:30
Samples Received By Date/Time

1-30-17 730
Samples Received in LAB by Date/Time

APPENDIX D
NYSDOH- Indoor Air Quality Questionnaire

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Daniel Bellucci Date/Time Prepared 12/29/2022

Preparer's Affiliation PE for site remediation Phone No. 845-803-4347

Purpose of Investigation Evaluate site for potential sources of VOCs in indoor air

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: N/A First Name: N/A

Address: N/A

County: N/A

Home Phone: N/A Office Phone: N/A

Number of Occupants/persons at this location ~15 Age of Occupants 18 & older

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 4

If the property is commercial, type?

Business Type(s) Warehouse, HVAC shop, pipe assembling

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 (partial 2nd floor office) Building age 39 years

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. ~~Basement~~ floor:	Slab on grade concrete	dirt	stone	other _____
d. ~~Basement~~ floor:	uncovered	Slab on grade covered	covered with Type text here	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Signficant openings at expansion joints wthin the warehouse space. The slab appears to be settling due to breakdown of sub-grade lanfill materials. Cracks did not appear to signficantly impact SSDS vacuum readings.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Over head units Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Unknown

Boiler/furnace located in: Basement Outdoors Main Floor Other Overhead

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY No basement present. Slab on grade

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A
1st Floor	Warehouse, HVAC shop, pipe assembling
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA
Please specify Propane forklift

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where? _____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type? _____

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? Y / (N) When & Type? _____

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? Unk

m. Is there a kitchen exhaust fan? Y / N If yes, where vented?_____

n. Is there a bathroom exhaust fan? Y / N If yes, where vented?_____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type?Unk

Are there odors in the building? Y / N
If yes, please describe: PVC glue and primer odor in southern portion of building.

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? PVC primer

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: 1984 - See RIR
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS SEE RIR FOR SITE MAPS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

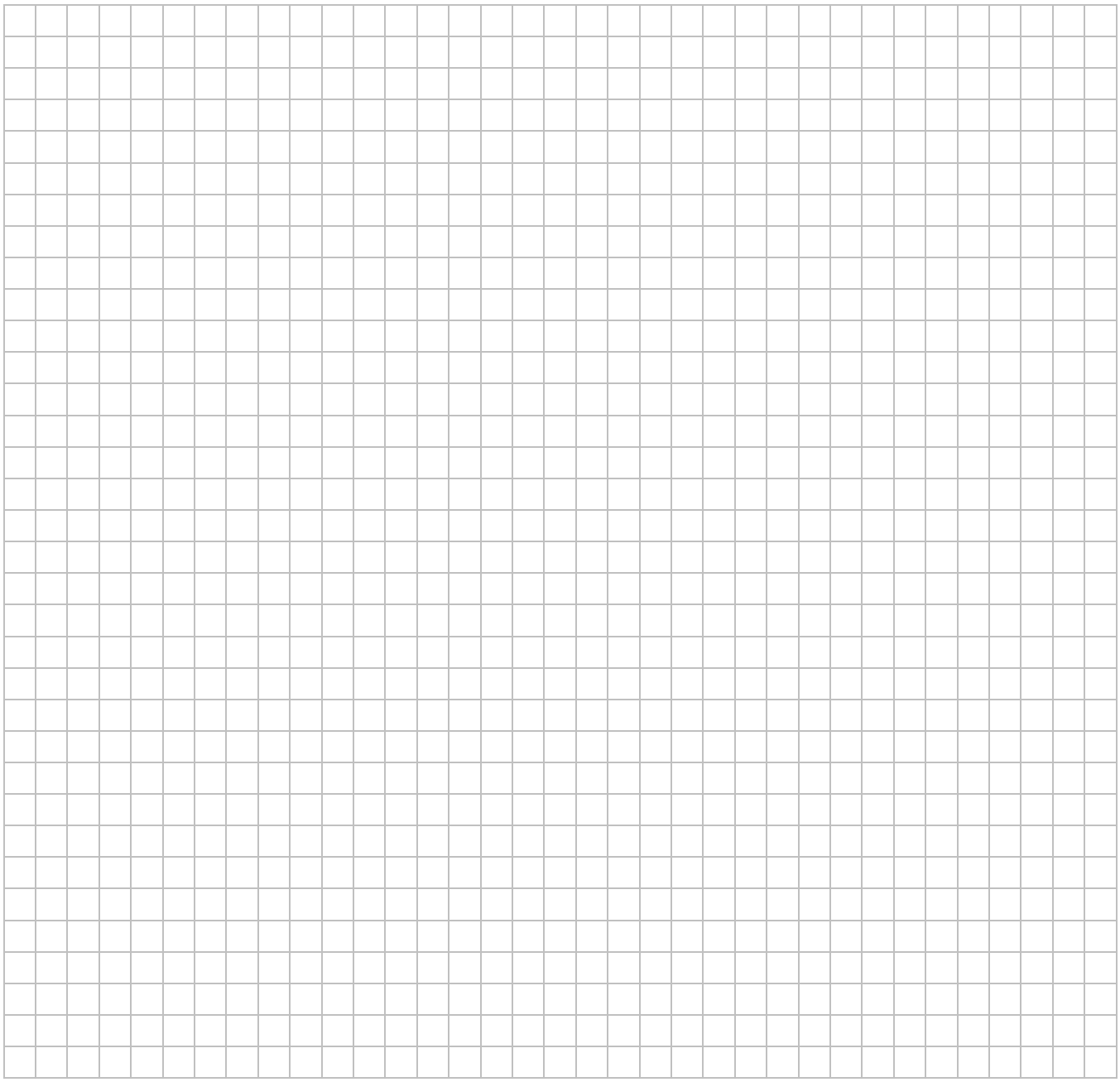
Basement:

First Floor:

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Minie RAE 10.6 eV lamp

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Warehouse	Hydraulic oils, lubricants, paints		Good		0.0 ppm	Y
SSI Aeration	PVC primer & glue		Good	Acetone, MEK, tetrahydrofuan	4.3 ppm	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

80W-90
Gear Lube
Bulbs
BIG RED

50
BAGS
Size!
DIRECTIONS
792-695
DVO-12
PK GOLD
UM PUMP OIL
50
BAGS
TRUSTED QUALITY SINCE 1921
RUST-OLEUM
PROFESSIONAL
COLD
GALVANIZING
COMPOUND
ZINC-RICH COATING
SUPERIOR CORROSION
RESISTANCE
RUST-OLEUM

INTERIOR FLAT
PREMIUM PLUS
PAINT & PRIMER

F. SEAL IS BROKEN
RAM
F800-32
Roller Tray
3-PACK

MAP
UTILITY
WONDER
PRODUCTS
SLUDGE
KLEEN
FUEL OIL
TREATMENT
SLUDGE SOLVENT &
FUEL OIL CONDITIONER
Reduces Maintenance Costs
Economical
Safe for Fuel Oil Tank & Furnace
EVERY DROP OF FUEL OIL
CAUTION: COMBUSTIBLE MIXTURE

APPENDIX E
Electronic Data Deliverables *(Pending Completion)*

APPENDIX F
Data Usability Summary Reporting

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals LLC
10-14 Tucker Dr.
Poughkeepsie, NY
Project # C314132

SDG: 22L1390
7 Air Samples

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 22L1390 – Willow Brook Rentals LLC

The data associated with this Sample Delivery Group (SDG) 22L1390, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/7/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals LLC 10-14 Tucker Dr., Poughkeepsie, NY Project #: C314132
SAMPLING DATE:	December 28, 2022
SAMPLE TYPE:	7 air samples
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	22L1390

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 7 air samples collected on December 28, 2022. These samples were analyzed for TO-15 Volatile Organic Compounds (VOCs) and Methane.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 22L1390. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 and 6-2. These tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 22L1390, seven samples were analyzed and results were reported for 476 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 TO-15

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SV-2 SV-7 AO	Hexachlorobutadiene	UJ non-detects J detects	% D for CCV and ICV > QC limit and LCS rec < QC limit	Data are qualified as estimated
SV-3 SV-4 SV-5 SV-6	Bromomethane Chloromethane Hexachlorobutadiene	UJ non-detects J detects	% D for CCV > QC limit and/or LCS rec < QC limit	Data are qualified as estimated

Table 6-2 Methane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 03/03/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1390

Report Date: 03/03/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1390

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 29, 2022 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1390-02	SV-2	Soil Vapor	12/28/2022	12/29/2022
22L1390-03	SV-3	Soil Vapor	12/28/2022	12/29/2022
22L1390-04	SV-4	Soil Vapor	12/28/2022	12/29/2022
22L1390-05	SV-5	Soil Vapor	12/28/2022	12/29/2022
22L1390-06	SV-6	Soil Vapor	12/28/2022	12/29/2022
22L1390-07	SV-7	Soil Vapor	12/28/2022	12/29/2022
22L1390-08	AO	Outdoor Ambient Air	12/28/2022	12/29/2022

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

Field Chain-of-Custody Record - AIR

YORK Project No. 22L1390

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

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc.	Company: Same	Company: Same	C314132	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Two Day
Phone:	Phone.:	Phone.:		RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Deborah Thompson

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

Deborah Thompson

Air Matrix Codes

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

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-1	12/28/22	AS	-30	-29	36998	7085	TO-15 + Methane
SV-2			-30	-6	34493	6863	
SV-3			-30	-10	15612	13557	
SV-4			-30	-11	19529	Y-28	
SV-5			-30	-10	16695	7289	
SV-6			-30	-1	41842	7607	
SV-7			-30	-8	22079	3541	
AO		AO	-28	-6	17347	13569	

Comments: * SV-1 may have a faulty gauge. Check vac at lab and contact Deb T. 8:30

Detection Limits Required

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

Sampling Media

6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Client York	12.29.22 8:30	Client York	12-29-22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[illegible] Fogg	12:00 12/29/22	[illegible] 13:27 12/29/22			
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible] 12/29/22 @ 1377	

York Analytical Laboratories, Inc. - Stratford
SDG: 22L1390
CLASS: AIR
METHOD: EPA TO-15

DATA PACKAGE COVER PAGE

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1390
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SV-2	22L1390-02
SV-2	22L1390-02RE1
SV-3	22L1390-03
SV-4	22L1390-04
SV-5	22L1390-05
SV-6	22L1390-06
SV-7	22L1390-07
SV-7	22L1390-07RE1
AO	22L1390-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/3/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-02 File ID: TO296844.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 06:36

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	16.8	12	U
71-55-6	1,1,1-Trichloroethane	16.8	9.2	U
79-34-5	1,1,2,2-Tetrachloroethane	16.8	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16.8	13	U
79-00-5	1,1,2-Trichloroethane	16.8	9.2	U
75-34-3	1,1-Dichloroethane	16.8	6.8	U
75-35-4	1,1-Dichloroethylene	16.8	1.7	U
120-82-1	1,2,4-Trichlorobenzene	16.8	25	U
95-63-6	1,2,4-Trimethylbenzene	16.8	120	D
106-93-4	1,2-Dibromoethane	16.8	13	U
95-50-1	1,2-Dichlorobenzene	16.8	16	D
107-06-2	1,2-Dichloroethane	16.8	6.8	U
78-87-5	1,2-Dichloropropane	16.8	7.8	U
76-14-2	1,2-Dichlorotetrafluoroethane	16.8	970	D
108-67-8	1,3,5-Trimethylbenzene	16.8	130	D
106-99-0	1,3-Butadiene	16.8	11	U
541-73-1	1,3-Dichlorobenzene	16.8	10	U
142-28-9	1,3-Dichloropropane	16.8	7.8	U
106-46-7	1,4-Dichlorobenzene	16.8	67	D
123-91-1	1,4-Dioxane	16.8	12	U
78-93-3	2-Butanone	16.8	25	D
591-78-6	2-Hexanone	16.8	14	U
107-05-1	3-Chloropropene	16.8	26	U
108-10-1	4-Methyl-2-pentanone	16.8	6.9	U
67-64-1	Acetone	16.8	93	D
107-13-1	Acrylonitrile	16.8	3.7	U
100-44-7	Benzyl chloride	16.8	17	U
75-27-4	Bromodichloromethane	16.8	11	U
75-25-2	Bromoform	16.8	17	U
74-83-9	Bromomethane	16.8	6.5	U
75-15-0	Carbon disulfide	16.8	260	D
56-23-5	Carbon tetrachloride	16.8	2.6	U
108-90-7	Chlorobenzene	16.8	2500	D
75-00-3	Chloroethane	16.8	4.4	U
67-66-3	Chloroform	16.8	8.2	U
74-87-3	Chloromethane	16.8	3.5	U
156-59-2	cis-1,2-Dichloroethylene	16.8	1.7	U
10061-01-5	cis-1,3-Dichloropropylene	16.8	7.6	U
124-48-1	Dibromochloromethane	16.8	14	U
75-71-8	Dichlorodifluoromethane	16.8	180	D

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-02 File ID: TO296844.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 06:36

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
141-78-6	Ethyl acetate	16.8	12	U
100-41-4	Ethyl Benzene	16.8	39	D
87-68-3	Hexachlorobutadiene	16.8	18	U
67-63-0	Isopropanol	16.8	8.3	U
80-62-6	Methyl Methacrylate	16.8	6.9	U
1634-04-4	Methyl tert-butyl ether (MTBE)	16.8	6.1	U
75-09-2	Methylene chloride	16.8	12	U
95-47-6	o-Xylene	16.8	64	D
179601-23-1	p- & m- Xylenes	16.8	210	D
622-96-8	p-Ethyltoluene	16.8	8.3	U
115-07-1	Propylene	16.8	2.9	U
100-42-5	Styrene	16.8	7.2	U
127-18-4	Tetrachloroethylene	16.8	24	D
109-99-9	Tetrahydrofuran	16.8	9.9	U
108-88-3	Toluene	16.8	46	D
156-60-5	trans-1,2-Dichloroethylene	16.8	6.7	U
10061-02-6	trans-1,3-Dichloropropylene	16.8	7.6	U
79-01-6	Trichloroethylene	16.8	27	D
75-69-4	Trichlorofluoromethane (Freon 11)	16.8	9.5	U
108-05-4	Vinyl acetate	16.8	5.9	U
593-60-2	Vinyl bromide	16.8	7.4	U
75-01-4	Vinyl Chloride	16.8	78	D

UJ

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	190457	12.255	213665	12.224	
ISTD: 1,4-Difluorobenzene	748606	13.794	699254	13.775	
ISTD: d5-Chlorobenzene	996350	19.017	739732	19.01	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-02RE1	File ID:	TO296864.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/03/23 19:44
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
71-43-2	Benzene	67.4	3200	D
110-82-7	Cyclohexane	67.4	6700	D
142-82-5	n-Heptane	67.4	3100	D
110-54-3	n-Hexane	67.4	4500	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	207993	12.243	223712	12.23	
ISTD: 1,4-Difluorobenzene	660626	13.787	706956	13.781	
ISTD: d5-Chlorobenzene	725061	19.017	750139	19.017	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-03 File ID: TO296865.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 20:31

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	8.87	6.1	U	
71-55-6	1,1,1-Trichloroethane	8.87	4.8	U	
79-34-5	1,1,2,2-Tetrachloroethane	8.87	6.1	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.87	6.8	U	
79-00-5	1,1,2-Trichloroethane	8.87	4.8	U	
75-34-3	1,1-Dichloroethane	8.87	3.6	U	
75-35-4	1,1-Dichloroethylene	8.87	0.88	U	
120-82-1	1,2,4-Trichlorobenzene	8.87	13	U	
95-63-6	1,2,4-Trimethylbenzene	8.87	6.5	D	
106-93-4	1,2-Dibromoethane	8.87	6.8	U	
95-50-1	1,2-Dichlorobenzene	8.87	5.3	U	
107-06-2	1,2-Dichloroethane	8.87	3.6	U	
78-87-5	1,2-Dichloropropane	8.87	4.1	U	
76-14-2	1,2-Dichlorotetrafluoroethane	8.87	6.2	U	
108-67-8	1,3,5-Trimethylbenzene	8.87	4.4	U	
106-99-0	1,3-Butadiene	8.87	5.9	U	
541-73-1	1,3-Dichlorobenzene	8.87	5.3	U	
142-28-9	1,3-Dichloropropane	8.87	4.1	U	
106-46-7	1,4-Dichlorobenzene	8.87	5.3	U	
123-91-1	1,4-Dioxane	8.87	6.4	U	
78-93-3	2-Butanone	8.87	22	D	
591-78-6	2-Hexanone	8.87	7.3	U	
107-05-1	3-Chloropropene	8.87	14	U	
108-10-1	4-Methyl-2-pentanone	8.87	3.6	U	
67-64-1	Acetone	8.87	99	D	
107-13-1	Acrylonitrile	8.87	1.9	U	
71-43-2	Benzene	8.87	4.8	D	
100-44-7	Benzyl chloride	8.87	9.2	U	
75-27-4	Bromodichloromethane	8.87	5.9	U	
75-25-2	Bromoform	8.87	9.2	U	
74-83-9	Bromomethane	8.87	3.4	U	UJ
75-15-0	Carbon disulfide	8.87	59	D	
56-23-5	Carbon tetrachloride	8.87	1.4	U	
108-90-7	Chlorobenzene	8.87	4.1	U	
75-00-3	Chloroethane	8.87	2.3	U	UJ
67-66-3	Chloroform	8.87	4.3	U	
74-87-3	Chloromethane	8.87	4.2	D	
156-59-2	cis-1,2-Dichloroethylene	8.87	4.9	D	
10061-01-5	cis-1,3-Dichloropropylene	8.87	4.0	U	
110-82-7	Cyclohexane	8.87	18	D	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-03 File ID: TO296865.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 20:31

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	8.87	7.6	U	
75-71-8	Dichlorodifluoromethane	8.87	4.4	U	
141-78-6	Ethyl acetate	8.87	6.4	U	
100-41-4	Ethyl Benzene	8.87	25	D	
87-68-3	Hexachlorobutadiene	8.87	9.5	U	UJ
67-63-0	Isopropanol	8.87	4.4	U	
80-62-6	Methyl Methacrylate	8.87	3.6	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	8.87	3.2	U	
75-09-2	Methylene chloride	8.87	6.2	U	
142-82-5	n-Heptane	8.87	48	D	
110-54-3	n-Hexane	8.87	1200	D	
95-47-6	o-Xylene	8.87	8.5	D	
179601-23-1	p- & m- Xylenes	8.87	27	D	
622-96-8	p-Ethyltoluene	8.87	7.4	D	
115-07-1	Propylene	8.87	1.5	U	
100-42-5	Styrene	8.87	3.8	U	
127-18-4	Tetrachloroethylene	8.87	30	D	
109-99-9	Tetrahydrofuran	8.87	5.2	U	
108-88-3	Toluene	8.87	21	D	
156-60-5	trans-1,2-Dichloroethylene	8.87	3.5	U	
10061-02-6	trans-1,3-Dichloropropylene	8.87	4.0	U	
79-01-6	Trichloroethylene	8.87	1.2	U	
75-69-4	Trichlorofluoromethane (Freon 11)	8.87	5.0	U	
108-05-4	Vinyl acetate	8.87	3.1	U	
593-60-2	Vinyl bromide	8.87	3.9	U	
75-01-4	Vinyl Chloride	8.87	2.3	D	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	266279	12.249	223712	12.23	
ISTD: 1,4-Difluorobenzene	866594	13.787	706956	13.781	
ISTD: d5-Chlorobenzene	843933	19.017	750139	19.017	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-04 File ID: TO296867.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 22:11

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1.97	1.4	U	
71-55-6	1,1,1-Trichloroethane	1.97	1.1	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.97	1.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.97	1.5	U	
79-00-5	1,1,2-Trichloroethane	1.97	1.1	U	
75-34-3	1,1-Dichloroethane	1.97	0.80	U	
75-35-4	1,1-Dichloroethylene	1.97	0.20	U	
120-82-1	1,2,4-Trichlorobenzene	1.97	2.9	U	
95-63-6	1,2,4-Trimethylbenzene	1.97	3.4	D	
106-93-4	1,2-Dibromoethane	1.97	1.5	U	
95-50-1	1,2-Dichlorobenzene	1.97	1.2	U	
107-06-2	1,2-Dichloroethane	1.97	0.80	U	
78-87-5	1,2-Dichloropropane	1.97	0.91	U	
76-14-2	1,2-Dichlorotetrafluoroethane	1.97	1.4	U	
108-67-8	1,3,5-Trimethylbenzene	1.97	1.1	D	
106-99-0	1,3-Butadiene	1.97	1.3	U	
541-73-1	1,3-Dichlorobenzene	1.97	1.2	U	
142-28-9	1,3-Dichloropropane	1.97	0.91	U	
106-46-7	1,4-Dichlorobenzene	1.97	1.2	U	
123-91-1	1,4-Dioxane	1.97	1.4	U	
78-93-3	2-Butanone	1.97	97	D	
591-78-6	2-Hexanone	1.97	9.4	D	
107-05-1	3-Chloropropene	1.97	3.1	U	
108-10-1	4-Methyl-2-pentanone	1.97	0.81	U	
67-64-1	Acetone	1.97	92	D	
107-13-1	Acrylonitrile	1.97	0.43	U	
71-43-2	Benzene	1.97	1.1	D	
100-44-7	Benzyl chloride	1.97	2.0	U	
75-27-4	Bromodichloromethane	1.97	1.3	U	
75-25-2	Bromoform	1.97	2.0	U	
74-83-9	Bromomethane	1.97	0.77	U	UJ
75-15-0	Carbon disulfide	1.97	0.86	D	
56-23-5	Carbon tetrachloride	1.97	0.31	U	
108-90-7	Chlorobenzene	1.97	0.91	U	
75-00-3	Chloroethane	1.97	0.52	U	UJ
67-66-3	Chloroform	1.97	7.6	D	
74-87-3	Chloromethane	1.97	0.41	U	
156-59-2	cis-1,2-Dichloroethylene	1.97	0.20	U	
10061-01-5	cis-1,3-Dichloropropylene	1.97	0.89	U	
110-82-7	Cyclohexane	1.97	0.68	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-04 File ID: TO296867.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 22:11

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.97	1.7	U	
75-71-8	Dichlorodifluoromethane	1.97	2.0	D	
141-78-6	Ethyl acetate	1.97	1.4	U	
100-41-4	Ethyl Benzene	1.97	3.7	D	
87-68-3	Hexachlorobutadiene	1.97	2.1	U	UJ
67-63-0	Isopropanol	1.97	0.97	U	
80-62-6	Methyl Methacrylate	1.97	0.81	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.97	0.71	U	
75-09-2	Methylene chloride	1.97	1.4	U	
142-82-5	n-Heptane	1.97	2.2	D	
110-54-3	n-Hexane	1.97	26	D	
95-47-6	o-Xylene	1.97	2.7	D	
179601-23-1	p- & m- Xylenes	1.97	7.4	D	
622-96-8	p-Ethyltoluene	1.97	4.1	D	
115-07-1	Propylene	1.97	0.34	U	
100-42-5	Styrene	1.97	0.84	U	
127-18-4	Tetrachloroethylene	1.97	13	D	
109-99-9	Tetrahydrofuran	1.97	1.2	U	
108-88-3	Toluene	1.97	38	D	
156-60-5	trans-1,2-Dichloroethylene	1.97	0.78	U	
10061-02-6	trans-1,3-Dichloropropylene	1.97	0.89	U	
79-01-6	Trichloroethylene	1.97	0.95	D	
75-69-4	Trichlorofluoromethane (Freon 11)	1.97	1.1	U	
108-05-4	Vinyl acetate	1.97	0.69	U	
593-60-2	Vinyl bromide	1.97	0.86	U	
75-01-4	Vinyl Chloride	1.97	0.25	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	274915	12.237	223712	12.23	
ISTD: 1,4-Difluorobenzene	885905	13.787	706956	13.781	
ISTD: d5-Chlorobenzene	782688	19.017	750139	19.017	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-05 File ID: TO296868.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 23:04

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1.82	1.3	U	
71-55-6	1,1,1-Trichloroethane	1.82	0.99	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.82	1.3	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.82	1.4	U	
79-00-5	1,1,2-Trichloroethane	1.82	0.99	U	
75-34-3	1,1-Dichloroethane	1.82	0.74	U	
75-35-4	1,1-Dichloroethylene	1.82	0.18	U	
120-82-1	1,2,4-Trichlorobenzene	1.82	2.7	U	
95-63-6	1,2,4-Trimethylbenzene	1.82	2.9	D	
106-93-4	1,2-Dibromoethane	1.82	1.4	U	
95-50-1	1,2-Dichlorobenzene	1.82	1.1	U	
107-06-2	1,2-Dichloroethane	1.82	0.74	U	
78-87-5	1,2-Dichloropropane	1.82	0.84	U	
76-14-2	1,2-Dichlorotetrafluoroethane	1.82	1.3	U	
108-67-8	1,3,5-Trimethylbenzene	1.82	0.90	D	
106-99-0	1,3-Butadiene	1.82	1.2	U	
541-73-1	1,3-Dichlorobenzene	1.82	1.1	U	
142-28-9	1,3-Dichloropropane	1.82	0.84	U	
106-46-7	1,4-Dichlorobenzene	1.82	1.1	U	
123-91-1	1,4-Dioxane	1.82	1.3	U	
78-93-3	2-Butanone	1.82	99	D	
591-78-6	2-Hexanone	1.82	7.6	D	
107-05-1	3-Chloropropene	1.82	2.9	U	
108-10-1	4-Methyl-2-pentanone	1.82	0.75	U	
67-64-1	Acetone	1.82	90	D	
107-13-1	Acrylonitrile	1.82	0.40	U	
71-43-2	Benzene	1.82	0.58	U	
100-44-7	Benzyl chloride	1.82	1.9	U	
75-27-4	Bromodichloromethane	1.82	1.2	U	
75-25-2	Bromoform	1.82	1.9	U	
74-83-9	Bromomethane	1.82	0.71	U	UJ
75-15-0	Carbon disulfide	1.82	1.5	D	
56-23-5	Carbon tetrachloride	1.82	0.29	U	
108-90-7	Chlorobenzene	1.82	0.84	U	
75-00-3	Chloroethane	1.82	0.48	U	UJ
67-66-3	Chloroform	1.82	2.8	D	
74-87-3	Chloromethane	1.82	0.38	U	
156-59-2	cis-1,2-Dichloroethylene	1.82	0.18	U	
10061-01-5	cis-1,3-Dichloropropylene	1.82	0.83	U	
110-82-7	Cyclohexane	1.82	0.63	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-05 File ID: TO296868.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 23:04

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.82	1.6	U	
75-71-8	Dichlorodifluoromethane	1.82	2.7	D	
141-78-6	Ethyl acetate	1.82	1.3	U	
100-41-4	Ethyl Benzene	1.82	3.5	D	
87-68-3	Hexachlorobutadiene	1.82	1.9	U	UJ
67-63-0	Isopropanol	1.82	1.4	D	
80-62-6	Methyl Methacrylate	1.82	0.75	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.82	0.66	U	
75-09-2	Methylene chloride	1.82	1.3	U	
142-82-5	n-Heptane	1.82	1.3	D	
110-54-3	n-Hexane	1.82	2.1	D	
95-47-6	o-Xylene	1.82	2.7	D	
179601-23-1	p- & m- Xylenes	1.82	7.3	D	
622-96-8	p-Ethyltoluene	1.82	3.6	D	
115-07-1	Propylene	1.82	25	D	
100-42-5	Styrene	1.82	0.78	U	
127-18-4	Tetrachloroethylene	1.82	7.2	D	
109-99-9	Tetrahydrofuran	1.82	1.1	U	
108-88-3	Toluene	1.82	41	D	
156-60-5	trans-1,2-Dichloroethylene	1.82	0.72	U	
10061-02-6	trans-1,3-Dichloropropylene	1.82	0.83	U	
79-01-6	Trichloroethylene	1.82	0.24	U	
75-69-4	Trichlorofluoromethane (Freon 11)	1.82	3.3	D	
108-05-4	Vinyl acetate	1.82	0.64	U	
593-60-2	Vinyl bromide	1.82	0.80	U	
75-01-4	Vinyl Chloride	1.82	0.23	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	246805	12.237	223712	12.23	
ISTD: 1,4-Difluorobenzene	781590	13.787	706956	13.781	
ISTD: d5-Chlorobenzene	707188	19.017	750139	19.017	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-06 File ID: TO296869.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 23:57

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1.25	0.86	U	
71-55-6	1,1,1-Trichloroethane	1.25	0.68	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.25	0.86	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.25	0.96	U	
79-00-5	1,1,2-Trichloroethane	1.25	0.68	U	
75-34-3	1,1-Dichloroethane	1.25	0.51	U	
75-35-4	1,1-Dichloroethylene	1.25	0.12	U	
120-82-1	1,2,4-Trichlorobenzene	1.25	1.9	U	
95-63-6	1,2,4-Trimethylbenzene	1.25	0.62	U	
106-93-4	1,2-Dibromoethane	1.25	0.96	U	
95-50-1	1,2-Dichlorobenzene	1.25	0.75	U	
107-06-2	1,2-Dichloroethane	1.25	0.51	U	
78-87-5	1,2-Dichloropropane	1.25	0.58	U	
76-14-2	1,2-Dichlorotetrafluoroethane	1.25	0.88	U	
108-67-8	1,3,5-Trimethylbenzene	1.25	0.62	U	
106-99-0	1,3-Butadiene	1.25	1.2	D	
541-73-1	1,3-Dichlorobenzene	1.25	0.75	U	
142-28-9	1,3-Dichloropropane	1.25	0.58	U	
106-46-7	1,4-Dichlorobenzene	1.25	0.75	U	
123-91-1	1,4-Dioxane	1.25	0.90	U	
78-93-3	2-Butanone	1.25	7.1	D	
591-78-6	2-Hexanone	1.25	1.0	U	
107-05-1	3-Chloropropene	1.25	2.0	U	
108-10-1	4-Methyl-2-pentanone	1.25	0.51	U	
67-64-1	Acetone	1.25	14	D	
107-13-1	Acrylonitrile	1.25	0.27	U	
71-43-2	Benzene	1.25	9.9	D	
100-44-7	Benzyl chloride	1.25	1.3	U	
75-27-4	Bromodichloromethane	1.25	0.84	U	
75-25-2	Bromoform	1.25	1.3	U	
74-83-9	Bromomethane	1.25	0.49	U	UJ
75-15-0	Carbon disulfide	1.25	5.3	D	
56-23-5	Carbon tetrachloride	1.25	0.32	D	
108-90-7	Chlorobenzene	1.25	0.58	U	
75-00-3	Chloroethane	1.25	0.33	U	UJ
67-66-3	Chloroform	1.25	0.61	U	
74-87-3	Chloromethane	1.25	0.80	D	
156-59-2	cis-1,2-Dichloroethylene	1.25	0.12	U	
10061-01-5	cis-1,3-Dichloropropylene	1.25	0.57	U	
110-82-7	Cyclohexane	1.25	1.9	D	

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EPA TO-15

SV-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-06	File ID:	TO296869.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/03/23 23:57
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.25	1.1	U	
75-71-8	Dichlorodifluoromethane	1.25	2.0	D	
141-78-6	Ethyl acetate	1.25	0.90	U	
100-41-4	Ethyl Benzene	1.25	0.54	D	
87-68-3	Hexachlorobutadiene	1.25	1.3	U	UJ
67-63-0	Isopropanol	1.25	0.62	U	
80-62-6	Methyl Methacrylate	1.25	0.51	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.25	0.45	U	
75-09-2	Methylene chloride	1.25	0.87	U	
142-82-5	n-Heptane	1.25	2.0	D	
110-54-3	n-Hexane	1.25	93	D	
95-47-6	o-Xylene	1.25	0.54	U	
179601-23-1	p- & m- Xylenes	1.25	1.1	U	
622-96-8	p-Ethyltoluene	1.25	0.62	U	
115-07-1	Propylene	1.25	58	D	
100-42-5	Styrene	1.25	0.53	U	
127-18-4	Tetrachloroethylene	1.25	0.85	U	
109-99-9	Tetrahydrofuran	1.25	2.5	D	
108-88-3	Toluene	1.25	6.0	D	
156-60-5	trans-1,2-Dichloroethylene	1.25	0.50	U	
10061-02-6	trans-1,3-Dichloropropylene	1.25	0.57	U	
79-01-6	Trichloroethylene	1.25	0.17	U	
75-69-4	Trichlorofluoromethane (Freon 11)	1.25	0.99	D	
108-05-4	Vinyl acetate	1.25	0.44	U	
593-60-2	Vinyl bromide	1.25	0.55	U	
75-01-4	Vinyl Chloride	1.25	0.16	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	251622	12.237	223712	12.23	
ISTD: 1,4-Difluorobenzene	814255	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	703993	19.01	750139	19.017	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-07 File ID: TO296849.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 10:29

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	15.9	11	U
71-55-6	1,1,1-Trichloroethane	15.9	8.7	U
79-34-5	1,1,2,2-Tetrachloroethane	15.9	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	15.9	12	U
79-00-5	1,1,2-Trichloroethane	15.9	8.7	U
75-34-3	1,1-Dichloroethane	15.9	6.4	U
75-35-4	1,1-Dichloroethylene	15.9	1.6	U
120-82-1	1,2,4-Trichlorobenzene	15.9	24	U
95-63-6	1,2,4-Trimethylbenzene	15.9	7.8	U
106-93-4	1,2-Dibromoethane	15.9	12	U
95-50-1	1,2-Dichlorobenzene	15.9	9.6	U
107-06-2	1,2-Dichloroethane	15.9	6.4	U
78-87-5	1,2-Dichloropropane	15.9	7.4	U
76-14-2	1,2-Dichlorotetrafluoroethane	15.9	39	D
108-67-8	1,3,5-Trimethylbenzene	15.9	7.8	U
106-99-0	1,3-Butadiene	15.9	11	U
541-73-1	1,3-Dichlorobenzene	15.9	9.6	U
142-28-9	1,3-Dichloropropane	15.9	7.4	U
106-46-7	1,4-Dichlorobenzene	15.9	9.6	U
123-91-1	1,4-Dioxane	15.9	11	U
78-93-3	2-Butanone	15.9	28	D
591-78-6	2-Hexanone	15.9	13	U
107-05-1	3-Chloropropene	15.9	25	U
108-10-1	4-Methyl-2-pentanone	15.9	6.5	U
67-64-1	Acetone	15.9	54	D
107-13-1	Acrylonitrile	15.9	3.5	U
71-43-2	Benzene	15.9	5.1	U
100-44-7	Benzyl chloride	15.9	16	U
75-27-4	Bromodichloromethane	15.9	11	U
75-25-2	Bromoform	15.9	16	U
74-83-9	Bromomethane	15.9	6.2	U
75-15-0	Carbon disulfide	15.9	5.0	U
56-23-5	Carbon tetrachloride	15.9	2.5	U
108-90-7	Chlorobenzene	15.9	7.3	U
75-00-3	Chloroethane	15.9	4.2	U
67-66-3	Chloroform	15.9	7.8	U
74-87-3	Chloromethane	15.9	3.3	U
156-59-2	cis-1,2-Dichloroethylene	15.9	7.6	D
10061-01-5	cis-1,3-Dichloropropylene	15.9	7.2	U
124-48-1	Dibromochloromethane	15.9	14	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1390-07 File ID: TO296849.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 10:29

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	15.9	7.9	U	
141-78-6	Ethyl acetate	15.9	11	U	
100-41-4	Ethyl Benzene	15.9	21	D	
87-68-3	Hexachlorobutadiene	15.9	17	U	UJ
67-63-0	Isopropanol	15.9	7.8	U	
80-62-6	Methyl Methacrylate	15.9	6.5	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	15.9	5.7	U	
75-09-2	Methylene chloride	15.9	11	U	
142-82-5	n-Heptane	15.9	1700	D	
110-54-3	n-Hexane	15.9	5.6	U	
95-47-6	o-Xylene	15.9	37	D	
179601-23-1	p- & m- Xylenes	15.9	54	D	
622-96-8	p-Ethyltoluene	15.9	7.8	U	
115-07-1	Propylene	15.9	2.7	U	
100-42-5	Styrene	15.9	6.8	U	
127-18-4	Tetrachloroethylene	15.9	11	U	
109-99-9	Tetrahydrofuran	15.9	9.4	U	
108-88-3	Toluene	15.9	190	D	
156-60-5	trans-1,2-Dichloroethylene	15.9	6.3	U	
10061-02-6	trans-1,3-Dichloropropylene	15.9	7.2	U	
79-01-6	Trichloroethylene	15.9	2.1	U	
75-69-4	Trichlorofluoromethane (Freon 11)	15.9	8.9	U	
108-05-4	Vinyl acetate	15.9	5.6	U	
593-60-2	Vinyl bromide	15.9	7.0	U	
75-01-4	Vinyl Chloride	15.9	2.0	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	162709	12.243	213665	12.224	
ISTD: 1,4-Difluorobenzene	540265	13.787	699254	13.775	
ISTD: d5-Chlorobenzene	705586	19.017	739732	19.01	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-07RE1	File ID:	TO296870.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/04/23 00:44
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
110-82-7	Cyclohexane	31.8	2400	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	191269	12.243	223712	12.23	
ISTD: 1,4-Difluorobenzene	644294	13.794	706956	13.781	
ISTD: d5-Chlorobenzene	698100	19.017	750139	19.017	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

AO

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Outdoor Ambient Air Laboratory ID: 22L1390-08 File ID: TO296843.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 05:49

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.823	0.56	U
71-55-6	1,1,1-Trichloroethane	0.823	0.45	U
79-34-5	1,1,2,2-Tetrachloroethane	0.823	0.56	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.823	0.63	U
79-00-5	1,1,2-Trichloroethane	0.823	0.45	U
75-34-3	1,1-Dichloroethane	0.823	0.33	U
75-35-4	1,1-Dichloroethylene	0.823	0.082	U
120-82-1	1,2,4-Trichlorobenzene	0.823	1.2	U
95-63-6	1,2,4-Trimethylbenzene	0.823	0.40	U
106-93-4	1,2-Dibromoethane	0.823	0.63	U
95-50-1	1,2-Dichlorobenzene	0.823	0.49	U
107-06-2	1,2-Dichloroethane	0.823	0.33	U
78-87-5	1,2-Dichloropropane	0.823	0.38	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.823	0.58	U
108-67-8	1,3,5-Trimethylbenzene	0.823	0.40	U
106-99-0	1,3-Butadiene	0.823	0.55	U
541-73-1	1,3-Dichlorobenzene	0.823	0.49	U
142-28-9	1,3-Dichloropropane	0.823	0.38	U
106-46-7	1,4-Dichlorobenzene	0.823	0.49	U
123-91-1	1,4-Dioxane	0.823	0.59	U
78-93-3	2-Butanone	0.823	1.5	D
591-78-6	2-Hexanone	0.823	0.67	U
107-05-1	3-Chloropropene	0.823	1.3	U
108-10-1	4-Methyl-2-pentanone	0.823	0.34	U
67-64-1	Acetone	0.823	7.9	D
107-13-1	Acrylonitrile	0.823	0.18	U
71-43-2	Benzene	0.823	0.53	D
100-44-7	Benzyl chloride	0.823	0.85	U
75-27-4	Bromodichloromethane	0.823	0.55	U
75-25-2	Bromoform	0.823	0.85	U
74-83-9	Bromomethane	0.823	0.32	U
75-15-0	Carbon disulfide	0.823	0.26	U
56-23-5	Carbon tetrachloride	0.823	0.36	D
108-90-7	Chlorobenzene	0.823	0.38	U
75-00-3	Chloroethane	0.823	0.22	U
67-66-3	Chloroform	0.823	0.40	U
74-87-3	Chloromethane	0.823	1.2	D
156-59-2	cis-1,2-Dichloroethylene	0.823	0.082	U
10061-01-5	cis-1,3-Dichloropropylene	0.823	0.37	U
110-82-7	Cyclohexane	0.823	0.28	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

AO

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1390

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Outdoor Ambient Air Laboratory ID: 22L1390-08 File ID: TO296843.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 05:49

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	0.823	0.70	U	
75-71-8	Dichlorodifluoromethane	0.823	2.3	D	
141-78-6	Ethyl acetate	0.823	0.59	U	
100-41-4	Ethyl Benzene	0.823	0.36	U	
87-68-3	Hexachlorobutadiene	0.823	0.88	U	UJ
67-63-0	Isopropanol	0.823	4.5	D	
80-62-6	Methyl Methacrylate	0.823	0.34	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	0.823	0.30	U	
75-09-2	Methylene chloride	0.823	0.63	D	
142-82-5	n-Heptane	0.823	0.34	U	
110-54-3	n-Hexane	0.823	0.52	D	
95-47-6	o-Xylene	0.823	0.36	U	
179601-23-1	p- & m- Xylenes	0.823	0.71	U	
622-96-8	p-Ethyltoluene	0.823	0.40	U	
115-07-1	Propylene	0.823	0.14	U	
100-42-5	Styrene	0.823	0.35	U	
127-18-4	Tetrachloroethylene	0.823	0.56	U	
109-99-9	Tetrahydrofuran	0.823	3.2	D	
108-88-3	Toluene	0.823	8.0	D	
156-60-5	trans-1,2-Dichloroethylene	0.823	0.33	U	
10061-02-6	trans-1,3-Dichloropropylene	0.823	0.37	U	
79-01-6	Trichloroethylene	0.823	0.11	U	
75-69-4	Trichlorofluoromethane (Freon 11)	0.823	1.2	D	
108-05-4	Vinyl acetate	0.823	0.29	U	
593-60-2	Vinyl bromide	0.823	0.36	U	
75-01-4	Vinyl Chloride	0.823	0.11	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	204164	12.23	213665	12.224	
ISTD: 1,4-Difluorobenzene	646209	13.775	699254	13.775	
ISTD: d5-Chlorobenzene	529742	19.01	739732	19.01	

* Values outside of QC limits

MKP 3/7/2023

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1390

CLASS: GC

METHOD: GC/FID

No data validation qualifiers were added

MKP 3/7/2023

DATA PACKAGE COVER PAGE

GC/FID

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1390
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SV-2	22L1390-02
SV-3	22L1390-03
SV-4	22L1390-04
SV-5	22L1390-05
SV-6	22L1390-06
SV-7	22L1390-07
AO	22L1390-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/3/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SV-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-02	File ID:	GC620071.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:16
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	337	1700000	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SV-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-03	File ID:	GC620073.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:26
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	355	41400	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SV-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-04	File ID:	GC620074.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:34
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.97	772	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SV-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-05	File ID:	GC620075.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:39
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.82	57.4	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SV-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-06	File ID:	GC620076.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:42
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.25	42.6	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SV-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1390-07	File ID:	GC620077.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:45
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.59	110	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

AO

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Outdoor Ambient Air	Laboratory ID:	22L1390-08	File ID:	GC620078.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:48
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.54	15.4	U

* Values outside of QC limits

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1390
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air		
Batch:	BA30076	Laboratory ID:	BA30076-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #		QC LIMITS REC.
Bromomethane	10.0	9.06	90.6		70 - 130
Carbon disulfide	10.0	9.25	92.5		70 - 130
Carbon tetrachloride	10.0	10.3	103		70 - 130
Chlorobenzene	10.0	9.55	95.5		70 - 130
Chloroethane	10.0	9.41	94.1		70 - 130
Chloroform	10.0	9.60	96.0		70 - 130
Chloromethane	10.0	8.35	83.5		70 - 130
cis-1,2-Dichloroethylene	10.0	11.0	110		70 - 130
cis-1,3-Dichloropropylene	10.0	9.37	93.7		70 - 130
Cyclohexane	10.0	9.55	95.5		70 - 130
Dibromochloromethane	10.0	9.38	93.8		70 - 130
Dichlorodifluoromethane	10.0	10.3	103		70 - 130
Ethyl acetate	10.0	10.3	103		70 - 130
Ethyl Benzene	10.0	10.9	109		70 - 130
Hexachlorobutadiene	10.0	5.38	53.8	*	70 - 130
Isopropanol	10.0	8.13	81.3		70 - 130
Methyl Methacrylate	10.0	8.37	83.7		70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.1	111		70 - 130
Methylene chloride	10.0	8.19	81.9		70 - 130
n-Heptane	10.0	8.53	85.3		70 - 130
n-Hexane	10.0	9.46	94.6		70 - 130
o-Xylene	10.0	8.48	84.8		70 - 130
p- & m- Xylenes	20.0	16.6	82.8		70 - 130
p-Ethyltoluene	10.0	8.79	87.9		70 - 130
Propylene	10.0	11.3	113		70 - 130
Styrene	10.0	8.05	80.5		70 - 130
Tetrachloroethylene	10.0	9.46	94.6		70 - 130
Tetrahydrofuran	10.0	10.5	105		70 - 130
Toluene	10.0	8.96	89.6		70 - 130
trans-1,2-Dichloroethylene	10.0	10.2	102		70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1390
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air		
Batch:	BL21788	Laboratory ID:	BL21788-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #		QC LIMITS REC.
Bromomethane	10.0	11.0	110		70 - 130
Carbon disulfide	10.0	9.36	93.6		70 - 130
Carbon tetrachloride	10.0	11.2	112		70 - 130
Chlorobenzene	10.0	9.92	99.2		70 - 130
Chloroethane	10.0	10.2	102		70 - 130
Chloroform	10.0	10.0	100		70 - 130
Chloromethane	10.0	10.5	105		70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109		70 - 130
cis-1,3-Dichloropropylene	10.0	8.96	89.6		70 - 130
Cyclohexane	10.0	9.47	94.7		70 - 130
Dibromochloromethane	10.0	10.1	101		70 - 130
Dichlorodifluoromethane	10.0	11.8	118		70 - 130
Ethyl acetate	10.0	10.2	102		70 - 130
Ethyl Benzene	10.0	11.2	112		70 - 130
Hexachlorobutadiene	10.0	6.18	61.8	*	70 - 130
Isopropanol	10.0	8.34	83.4		70 - 130
Methyl Methacrylate	10.0	8.49	84.9		70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.4	114		70 - 130
Methylene chloride	10.0	8.34	83.4		70 - 130
n-Heptane	10.0	9.25	92.5		70 - 130
n-Hexane	10.0	9.78	97.8		70 - 130
o-Xylene	10.0	8.81	88.1		70 - 130
p- & m- Xylenes	20.0	17.3	86.4		70 - 130
p-Ethyltoluene	10.0	9.26	92.6		70 - 130
Propylene	10.0	12.3	123		70 - 130
Styrene	10.0	8.57	85.7		70 - 130
Tetrachloroethylene	10.0	10.3	103		70 - 130
Tetrahydrofuran	10.0	10.5	105		70 - 130
Toluene	10.0	9.28	92.8		70 - 130
trans-1,2-Dichloroethylene	10.0	10.3	103		70 - 130

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30076-BLK1	File ID:	TO296862.D
Prepared:	01/03/23 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/03/23 15:56	Instrument:	5975C		
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	J
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1390
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BL21788-BLK1	File ID:	TO296832.D
Prepared:	12/31/22 15:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	12/31/22 19:19	Instrument:	5975C		
Batch:	BL21788	Sequence:	S2L3101	Calibration:	SL20049

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford

Client: DT Consulting Services

Calibration: SL20049

SDG: 22L1390

Project: C314132 Willow Brook Rentals LLC

Instrument: 5975C

Calibration Date: 12/29/22 17:04

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Carbon disulfide	2.012925	12.7588	9.64625	2.983829E-02			30	
Carbon tetrachloride	1.673781	26.80397	13.1908	1.003644E-02			30	
Chlorobenzene	0.8696519	15.07752	19.07975	2.006039E-02			30	
Chloroethane	0.4371571	6.000408	7.11975	3.018944E-02			30	
Chloroform	1.656252	12.97566	11.998	2.989814E-02			30	
Chloromethane	0.9407384	17.93468	5.8275	5.005027E-02			30	
cis-1,2-Dichloroethylene	0.8708425	23.18456	11.72933	2.255221E-02			30	
cis-1,3-Dichloropropylene	0.336287	39.69899	15.878	0.0173198		0.999593	0.99	
Cyclohexane	0.9132903	36.9764	12.90025	1.709301E-03		0.9997889	0.99	
Dibromochloromethane	0.6540194	42.68793	17.91263	1.916994E-02		0.999976	0.99	
Dichlorodifluoromethane	2.167836	9.044552	5.34875	5.957061E-02			30	
Ethanol	0.5621299	60.59236	7.2605	0.1434883		0.9994369	0.99	
Ethyl acetate	1.635987	19.52221	11.64513	8.181184E-02			30	
Ethyl Benzene	1.175469	24.72141	19.184	1.595432E-02			30	
Hexachlorobutadiene	0.7673915	52.51275	27.3955	1.125547E-02		0.9892706	0.99	*
Isopropanol	1.59675	23.87904	8.18475	0.1548754			30	
Isopropylbenzene	1.265947	43.05842	20.76225	6.385777E-03		0.9995241	0.99	
Methyl Methacrylate	0.2318688	51.15791	14.6475	3.604001E-02		0.9987603	0.99	
Methyl tert-butyl ether (MTBE)	1.588681	27.50245	9.90975	0.1036518			30	
Methylene chloride	0.9744085	23.07224	9.505625	4.996401E-02			30	
Naphthalene	0.9418291	69.48227	27.52114	3.673099E-02		0.9981279	0.99	
n-Butylbenzene	1.201825	50.85144	24.12425	8.617072E-03		0.9980561	0.99	
n-Heptane	1.262575	37.86675	13.3985	1.924654E-02		0.9991989	0.99	
n-Hexane	0.9392172	30.63178	10.3775	2.868873E-02		0.9997659	0.99	
n-Propylbenzene	1.557222	31.64874	21.5305	6.127317E-03		0.9993731	0.99	
o-Xylene	0.9033028	42.55819	20.11225	0.020706		0.9982069	0.99	
p- & m- Xylenes	0.9661419	32.38072	19.33	2.029925E-02		0.997843	0.99	
p-Ethyltoluene	1.239736	44.57324	21.75425	1.692122E-02		0.999706	0.99	
p-Isopropyltoluene	1.366507	53.73999	23.3325	0.002387		0.998638	0.99	
Propylene	0.3677055	16.52296	5.2785	8.180834E-02			30	
sec-Butylbenzene	1.636262	46.16021	23.06712	2.304106E-02		0.998944	0.99	
Styrene	0.7264308	53.86308	20.1285	1.600857E-02		0.9979003	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1390
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20049
Laboratory ID: S2L3046-SCV1
Sequence: S2L3046
Standard ID: S22L080

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Benzyl chloride	10.0	8.43	-15.7	30.00
Bromodichloromethane	10.0	10.1	1.2	30.00
Bromoform	10.0	8.98	-10.2	30.00
Bromomethane	10.0	8.19	-18.1	30.00
Carbon disulfide	10.0	9.47	-5.3	30.00
Carbon tetrachloride	10.0	10.4	3.5	30.00
Chlorobenzene	10.0	9.79	-2.1	30.00
Chloroethane	10.0	9.52	-4.8	30.00
Chloroform	10.0	9.70	-3.0	30.00
Chloromethane	10.0	7.98	-20.2	30.00
cis-1,2-Dichloroethylene	10.0	11.0	10.5	30.00
cis-1,3-Dichloropropylene	10.0	9.68	-3.2	30.00
Cyclohexane	10.0	9.61	-3.9	30.00
Dibromochloromethane	10.0	9.40	-6.0	30.00
Dichlorodifluoromethane	10.0	9.91	-0.9	30.00
Ethyl acetate	10.0	10.5	5.2	30.00
Ethyl Benzene	10.0	11.2	12.0	30.00
Hexachlorobutadiene	10.0	5.78	-42.2 *	30.00
Isopropanol	10.0	8.38	-16.2	30.00
Methyl Methacrylate	10.0	8.41	-15.9	30.00
Methyl tert-butyl ether (MTBE)	10.0	11.1	11.4	30.00
Methylene chloride	10.0	8.35	-16.5	30.00
n-Heptane	10.0	8.69	-13.1	30.00
n-Hexane	10.0	9.52	-4.8	30.00
o-Xylene	10.0	8.71	-12.9	30.00
p- & m- Xylenes	20.0	17.0	-14.8	30.00
p-Ethyltoluene	10.0	9.00	-10.0	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1390
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SL20049
Lab File ID:	TO296830.D	Calibration Date:	12/29/22 17:04
Sequence:	S2L3101	Injection Date:	12/31/22
Lab Sample ID:	S2L3101-CCV1	Injection Time:	17:38

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	10.0	9.07	0.6630328	0.6873854		-9.3	30	
Bromomethane	A	10.0	9.96	1.941825	1.502637		-0.4	30	
Carbon disulfide	A	10.0	9.42	2.012925	1.896801		-5.8	30	
Carbon tetrachloride	A	10.0	10.2	1.673781	1.707523		2.0	30	
Chlorobenzene	A	10.0	8.94	0.8696519	0.7773396		-10.6	30	
Chloroethane	A	10.0	8.62	0.4371571	0.3769031		-13.8	30	
Chloroform	A	10.0	9.33	1.656252	1.545578		-6.7	30	
Chloromethane	A	10.0	9.78	0.9407384	0.9197903		-2.2	30	
cis-1,2-Dichloroethylene	A	10.0	10.1	0.8708425	0.8534528		-2.0	30	
cis-1,3-Dichloropropylene	A	10.0	8.54	0.336287	0.337125		-14.6	30	
Cyclohexane	A	10.0	8.58	0.9132903	0.9203145		-14.2	30	
Dibromochloromethane	A	10.0	9.58	0.6540194	0.65281		-4.2	30	
Dichlorodifluoromethane	A	10.0	9.20	2.167836	1.994543		-8.0	30	
Ethyl acetate	A	10.0	9.54	1.635987	1.560892		-4.6	30	
Ethyl Benzene	A	10.0	10.1	1.175469	1.18353		0.7	30	
Hexachlorobutadiene	A	10.0	6.28	0.7673915	0.6962021		-37.2	30	*
Isopropanol	A	10.0	7.62	1.59675	1.216273		-23.8	30	
Methyl Methacrylate	A	10.0	7.92	0.2318688	0.2509689		-20.8	30	
Methyl tert-butyl ether (MTBE)	A	10.0	10.5	1.588681	1.661213		4.6	30	
Methylene chloride	A	10.0	7.78	0.9744085	0.7581635		-22.2	30	
n-Heptane	A	10.0	8.54	1.262575	1.466731		-14.6	30	
n-Hexane	A	10.0	8.93	0.9392172	0.9593944		-10.7	30	
o-Xylene	A	10.0	8.23	0.9033028	1.033696		-17.7	30	
p- & m- Xylenes	A	20.0	16.2	0.9661419	1.076614		-19.0	30	
p-Ethyltoluene	A	10.0	8.83	1.239736	1.424538		-11.7	30	
Propylene	A	10.0	9.22	0.3677055	0.3390588		-7.8	30	
Styrene	A	10.0	8.16	0.7264308	0.8640116		-18.4	30	
Tetrachloroethylene	A	10.0	9.80	0.5491073	0.5438196		-2.0	30	
Tetrahydrofuran	A	10.0	9.62	0.7622259	0.7329511		-3.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1390
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SL20049
Lab File ID:	TO296857.D	Calibration Date:	12/29/22 17:04
Sequence:	S3A0910	Injection Date:	01/03/23
Lab Sample ID:	S3A0910-CCV1	Injection Time:	09:55

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	10.0	8.61	0.6630328	0.6498449		-13.9	30
Bromomethane	A	10.0	3.90	1.941825	0.6069142		-61.0	30 *
Carbon disulfide	A	10.0	8.66	2.012925	1.742598		-13.4	30
Carbon tetrachloride	A	10.0	9.99	1.673781	1.672262		-0.09	30
Chlorobenzene	A	10.0	9.00	0.8696519	0.7830842		-10.0	30
Chloroethane	A	10.0	6.44	0.4371571	0.281326		-35.6	30 *
Chloroform	A	10.0	9.14	1.656252	1.514304		-8.6	30
Chloromethane	A	10.0	10.2	0.9407384	0.964271		2.5	30
cis-1,2-Dichloroethylene	A	10.0	10.0	0.8708425	0.842999		-3.2	30
cis-1,3-Dichloropropylene	A	10.0	8.97	0.336287	0.3555851		-10.3	30
Cyclohexane	A	10.0	8.90	0.9132903	0.9566094		-11.0	30
Dibromochloromethane	A	10.0	9.58	0.6540194	0.6528087		-4.2	30
Dichlorodifluoromethane	A	10.0	8.10	2.167836	1.757013		-19.0	30
Ethyl acetate	A	10.0	9.55	1.635987	1.563036		-4.5	30
Ethyl Benzene	A	10.0	10.2	1.175469	1.197995		1.9	30
Hexachlorobutadiene	A	10.0	5.79	0.7673915	0.6407359		-42.1	30 *
Isopropanol	A	10.0	7.14	1.59675	1.139452		-28.6	30
Methyl Methacrylate	A	10.0	8.12	0.2318688	0.2576002		-18.8	30
Methyl tert-butyl ether (MTBE)	A	10.0	10.1	1.588681	1.600781		0.8	30
Methylene chloride	A	10.0	7.57	0.9744085	0.737247		-24.3	30
n-Heptane	A	10.0	8.68	1.262575	1.490354		-13.2	30
n-Hexane	A	10.0	8.68	0.9392172	0.9308486		-13.2	30
o-Xylene	A	10.0	8.18	0.9033028	1.027852		-18.2	30
p- & m- Xylenes	A	20.0	16.1	0.9661419	1.071147		-19.4	30
p-Ethyltoluene	A	10.0	8.62	1.239736	1.390045		-13.8	30
Propylene	A	10.0	8.43	0.3677055	0.3099834		-15.7	30
Styrene	A	10.0	7.85	0.7264308	0.831082		-21.5	30
Tetrachloroethylene	A	10.0	9.72	0.5491073	0.5386714		-2.8	30
Tetrahydrofuran	A	10.0	9.95	0.7622259	0.7583277		-0.5	30

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals LLC
10-14 Tucker Dr.
Poughkeepsie, NY
Project # C314132

SDG: 22L1391
20 Air Samples

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 22L1391 – Willow Brook Rentals LLC

The data associated with this Sample Delivery Group (SDG) 22L1391, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/21/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals LLC 10-14 Tucker Dr., Poughkeepsie, NY Project #: C314132
SAMPLING DATE:	December 28, 2022
SAMPLE TYPE:	20 air samples
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	22L1391

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 20 air samples collected on December 28, 2022. These samples were analyzed for TO-15 Volatile Organic Compounds (VOCs) and Methane.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 22L1391. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 and 6-2. These tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 22L1391, twenty samples were analyzed and results were reported for 1360 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 TO-15

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Hexachlorobutadiene	UJ non-detects J detects	% D for CCV and ICV > QC limit and LCS rec < QC limit	Data are qualified as estimated
SG-3 SG-4 SG-5 SG-6 SG-7 SG-8 SG-10	1,2,4-Trichlorobenzene	UJ non-detects J detects	% D for CCV > QC limit	Data are qualified as estimated
IA-5 IA-6 IA-7 IA-8	1,2-Dichlorotetrafluoroethane Bromomethane Chloromethane	UJ non-detects J detects	% D for CCV > QC limit	Data are qualified as estimated
IA-9 IA-10	Bromomethane Chloromethane	UJ non-detects J detects	% D for CCV > QC limit and/or LCS rec < QC limit	Data are qualified as estimated
IA-9	Methylene chloride	J detects	Detected in method blank	Data are qualified as estimated

Table 6-2 Methane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
IA-3	Methane	J detects	RPD for Duplicates > QC limit	Data are qualified as estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 03/11/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1391

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

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

Report Date: 03/11/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1391

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 29, 2022 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1391-01	SG-1	Soil Vapor	12/28/2022	12/29/2022
22L1391-02	IA-1	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-03	SG-2	Soil Vapor	12/28/2022	12/29/2022
22L1391-04	IA-2	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-05	SG-3	Soil Vapor	12/28/2022	12/29/2022
22L1391-06	IA-3	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-07	SG-4	Soil Vapor	12/28/2022	12/29/2022
22L1391-08	IA-4	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-09	SG-5	Soil Vapor	12/28/2022	12/29/2022
22L1391-10	IA-5	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-11	SG-6	Soil Vapor	12/28/2022	12/29/2022
22L1391-12	IA-6	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-13	SG-7	Soil Vapor	12/28/2022	12/29/2022
22L1391-14	IA-7	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-15	SG-8	Soil Vapor	12/28/2022	12/29/2022
22L1391-16	IA-8	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-17	SG-9	Soil Vapor	12/28/2022	12/29/2022
22L1391-18	IA-9	Indoor Ambient Air	12/28/2022	12/29/2022
22L1391-19	SG-10	Soil Vapor	12/28/2022	12/29/2022
22L1391-20	IA-10	Indoor Ambient Air	12/28/2022	12/29/2022

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

Field Chain-of-Custody Record - AIR

YORK Project No. 22L1391

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same	C314132	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Deborah Thompson

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

Deborah Thompson

Air Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SG-1	12/28/22	AS	-30	-10	16953	7090	TO-15 + Methane
IA-1		AI	-29	-10	36997	5417	
SG-2		AS	-27	-3	36999	5700	
IA-2		AI	-30	-10	43007	13573	
SG-3		AS	-20	-27	22082	Y-47	
IA-3		AI	-30	-10	37000	7082	
SG-4		AS	-30	-10	16951	17192	
IA-4		AI	-30	-10	23993	4762	
SG-5		AS	-30	-11	42.996	17185	
IA-5		AI	-30	-10	41941	7269	

Comments:

8:30

Detection Limits Required

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

Sampling Media

6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Chris York	12.29.22 8:30	Chris York	12.29.22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
arkaya 12:00	12/29/22	[illegible]	13:27 12/29/22		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible]	12/29/22 1327

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

Field Chain-of-Custody Record - AIR

YORK Project No. 2241391

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

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact: Debarah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Deborah Thompson

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

Deborah Thompson

Air Matrix Codes

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

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SG-6	12/28/22	AS	-30	-8	18315	13563	TO-15 + Methane
IA-6		AI	-30	-14	28300	12191	
SG-7		AS	-30	-10	37003	17190	
IA-7		AI	-30	-8	18299	7084	
SG-8		AS	-30	-9	17348	7416	
IA-8		AI	-30	-8	36889	5613	
SG-9		AS	-30	-8	28845	6880	
IA-9		AI	-28	-7	10726	7363	
SG-10		AS	-30	-10	18293	5624	
IA-10		AI	-30	-8	37012	13574	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ✓

Routine Survey ___ Other ___

Sampling Media

6 Liter Canister ✓

Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22 8:30	Chris C York	12-29-22 8:30	Chris C York	12-29-22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[illegible]	12:00 12/29/22	[illegible]	13:27 12/29/22		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible]	12/29/22 1377

York Analytical Laboratories, Inc. - Stratford
SDG: 22L1391
CLASS: AIR
METHOD: EPA TO-15

DATA PACKAGE COVER PAGE

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1391
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SG-1	22L1391-01
IA-1	22L1391-02
IA-1	22L1391-02RE1
SG-2	22L1391-03
IA-2	22L1391-04
IA-2	22L1391-04RE1
SG-3	22L1391-05
IA-3	22L1391-06
IA-3	22L1391-06RE1
SG-4	22L1391-07
IA-4	22L1391-08
IA-4	22L1391-08RE1
SG-5	22L1391-09
IA-5	22L1391-10
IA-5	22L1391-10RE1
SG-6	22L1391-11
IA-6	22L1391-12
IA-6	22L1391-12RE1
SG-7	22L1391-13
IA-7	22L1391-14
IA-7	22L1391-14RE1
SG-8	22L1391-15
SG-8	22L1391-15RE1
IA-8	22L1391-16
IA-8	22L1391-16RE1
SG-9	22L1391-17
IA-9	22L1391-18
IA-9	22L1391-18RE1
IA-9	22L1391-18RE2
SG-10	22L1391-19
IA-10	22L1391-20
IA-10	22L1391-20RE1

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 3/11/2023

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-01 File ID: TQ223300.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 22:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21789 Sequence: S2L3102 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.76	1.2	U
71-55-6	1,1,1-Trichloroethane	1.76	0.96	U
79-34-5	1,1,2,2-Tetrachloroethane	1.76	1.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.76	1.4	U
79-00-5	1,1,2-Trichloroethane	1.76	0.96	U
75-34-3	1,1-Dichloroethane	1.76	0.71	U
75-35-4	1,1-Dichloroethylene	1.76	0.17	U
120-82-1	1,2,4-Trichlorobenzene	1.76	1.3	U
95-63-6	1,2,4-Trimethylbenzene	1.76	2.6	D
106-93-4	1,2-Dibromoethane	1.76	1.4	U
95-50-1	1,2-Dichlorobenzene	1.76	1.1	U
107-06-2	1,2-Dichloroethane	1.76	0.71	U
78-87-5	1,2-Dichloropropane	1.76	0.81	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.76	27	D
108-67-8	1,3,5-Trimethylbenzene	1.76	0.87	U
106-99-0	1,3-Butadiene	1.76	1.2	U
541-73-1	1,3-Dichlorobenzene	1.76	1.1	U
142-28-9	1,3-Dichloropropane	1.76	0.81	U
106-46-7	1,4-Dichlorobenzene	1.76	1.1	U
123-91-1	1,4-Dioxane	1.76	1.3	U
78-93-3	2-Butanone	1.76	7.4	D
591-78-6	2-Hexanone	1.76	1.4	U
107-05-1	3-Chloropropene	1.76	2.8	U
108-10-1	4-Methyl-2-pentanone	1.76	0.72	U
67-64-1	Acetone	1.76	67	D
107-13-1	Acrylonitrile	1.76	0.38	U
71-43-2	Benzene	1.76	1.1	D
100-44-7	Benzyl chloride	1.76	0.91	U
75-27-4	Bromodichloromethane	1.76	1.2	U
75-25-2	Bromoform	1.76	1.8	U
74-83-9	Bromomethane	1.76	0.68	U
75-15-0	Carbon disulfide	1.76	0.55	U
56-23-5	Carbon tetrachloride	1.76	0.28	U
108-90-7	Chlorobenzene	1.76	0.81	U
75-00-3	Chloroethane	1.76	0.46	U
67-66-3	Chloroform	1.76	0.86	U
74-87-3	Chloromethane	1.76	0.36	U
156-59-2	cis-1,2-Dichloroethylene	1.76	0.17	U
10061-01-5	cis-1,3-Dichloropropylene	1.76	0.80	U
110-82-7	Cyclohexane	1.76	0.61	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-01 File ID: TQ223300.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 22:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21789 Sequence: S2L3102 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.76	1.5	U	
75-71-8	Dichlorodifluoromethane	1.76	6.5	D	
141-78-6	Ethyl acetate	1.76	1.3	U	
100-41-4	Ethyl Benzene	1.76	2.4	D	
87-68-3	Hexachlorobutadiene	1.76	1.9	U	UJ
67-63-0	Isopropanol	1.76	14	D	
80-62-6	Methyl Methacrylate	1.76	3.3	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.76	0.64	U	
75-09-2	Methylene chloride	1.76	1.2	U	
142-82-5	n-Heptane	1.76	1.6	D	
110-54-3	n-Hexane	1.76	0.81	D	
95-47-6	o-Xylene	1.76	2.4	D	
179601-23-1	p- & m- Xylenes	1.76	6.6	D	
622-96-8	p-Ethyltoluene	1.76	1.8	D	
115-07-1	Propylene	1.76	0.91	D	
100-42-5	Styrene	1.76	0.90	D	
127-18-4	Tetrachloroethylene	1.76	4.8	D	
109-99-9	Tetrahydrofuran	1.76	56	D	
108-88-3	Toluene	1.76	120	D	
156-60-5	trans-1,2-Dichloroethylene	1.76	0.70	U	
10061-02-6	trans-1,3-Dichloropropylene	1.76	0.80	U	
79-01-6	Trichloroethylene	1.76	0.24	U	
75-69-4	Trichlorofluoromethane (Freon 11)	1.76	0.99	U	
108-05-4	Vinyl acetate	1.76	0.62	U	
593-60-2	Vinyl bromide	1.76	0.77	U	
75-01-4	Vinyl Chloride	1.76	0.23	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	129423	12.213	207097	12.22	
ISTD: 1,4-Difluorobenzene	262536	13.804	416915	13.805	
ISTD: d5-Chlorobenzene	256732	19.059	372984	19.06	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-02 File ID: TO296839.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 01:54

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.976	0.67	U
71-55-6	1,1,1-Trichloroethane	0.976	0.53	U
79-34-5	1,1,2,2-Tetrachloroethane	0.976	0.67	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.976	0.75	U
79-00-5	1,1,2-Trichloroethane	0.976	0.53	U
75-34-3	1,1-Dichloroethane	0.976	0.40	U
75-35-4	1,1-Dichloroethylene	0.976	0.097	U
120-82-1	1,2,4-Trichlorobenzene	0.976	1.4	U
95-63-6	1,2,4-Trimethylbenzene	0.976	1.4	D
106-93-4	1,2-Dibromoethane	0.976	0.75	U
95-50-1	1,2-Dichlorobenzene	0.976	0.59	U
107-06-2	1,2-Dichloroethane	0.976	0.39	U
78-87-5	1,2-Dichloropropane	0.976	0.45	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.976	0.68	U
108-67-8	1,3,5-Trimethylbenzene	0.976	0.48	U
106-99-0	1,3-Butadiene	0.976	0.65	U
541-73-1	1,3-Dichlorobenzene	0.976	0.59	U
142-28-9	1,3-Dichloropropane	0.976	0.45	U
106-46-7	1,4-Dichlorobenzene	0.976	0.59	U
123-91-1	1,4-Dioxane	0.976	0.70	U
78-93-3	2-Butanone	0.976	55	D
591-78-6	2-Hexanone	0.976	0.80	U
107-05-1	3-Chloropropene	0.976	1.5	U
108-10-1	4-Methyl-2-pentanone	0.976	0.40	U
107-13-1	Acrylonitrile	0.976	0.21	U
71-43-2	Benzene	0.976	0.31	U
100-44-7	Benzyl chloride	0.976	1.0	U
75-27-4	Bromodichloromethane	0.976	0.65	U
75-25-2	Bromoform	0.976	1.0	U
74-83-9	Bromomethane	0.976	0.38	U
75-15-0	Carbon disulfide	0.976	0.55	D
56-23-5	Carbon tetrachloride	0.976	0.31	D
108-90-7	Chlorobenzene	0.976	0.45	U
75-00-3	Chloroethane	0.976	0.26	U
67-66-3	Chloroform	0.976	0.48	U
74-87-3	Chloromethane	0.976	0.93	D
156-59-2	cis-1,2-Dichloroethylene	0.976	0.097	U
10061-01-5	cis-1,3-Dichloropropylene	0.976	0.44	U
110-82-7	Cyclohexane	0.976	0.50	D
124-48-1	Dibromochloromethane	0.976	0.83	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-02 File ID: TO296839.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 01:54

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	0.976	2.1	D	
141-78-6	Ethyl acetate	0.976	3.0	D	
100-41-4	Ethyl Benzene	0.976	2.2	D	
87-68-3	Hexachlorobutadiene	0.976	1.0	U	UJ
67-63-0	Isopropanol	0.976	1.7	D	
80-62-6	Methyl Methacrylate	0.976	0.40	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	0.976	0.35	U	
75-09-2	Methylene chloride	0.976	0.68	U	
142-82-5	n-Heptane	0.976	7.8	D	
110-54-3	n-Hexane	0.976	2.2	D	
95-47-6	o-Xylene	0.976	1.6	D	
179601-23-1	p- & m- Xylenes	0.976	4.7	D	
622-96-8	p-Ethyltoluene	0.976	1.2	D	
115-07-1	Propylene	0.976	0.17	U	
100-42-5	Styrene	0.976	0.96	D	
127-18-4	Tetrachloroethylene	0.976	0.66	U	
156-60-5	trans-1,2-Dichloroethylene	0.976	0.39	U	
10061-02-6	trans-1,3-Dichloropropylene	0.976	0.44	U	
79-01-6	Trichloroethylene	0.976	0.13	U	
75-69-4	Trichlorofluoromethane (Freon 11)	0.976	1.0	D	
108-05-4	Vinyl acetate	0.976	0.34	U	
593-60-2	Vinyl bromide	0.976	0.43	U	
75-01-4	Vinyl Chloride	0.976	0.12	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	262165	12.231	213665	12.224	
ISTD: 1,4-Difluorobenzene	855836	13.775	699254	13.775	
ISTD: d5-Chlorobenzene	740199	19.011	739732	19.01	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-02RE1	File ID:	TO296852.D
Sampled:	12/28/22 15:00	Prepared:	12/31/22 15:00	Analyzed:	01/01/23 13:05
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BL21788	Sequence:	S2L3101	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	3.66	140	D
109-99-9	Tetrahydrofuran	3.66	220	D
108-88-3	Toluene	3.66	460	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	246192	12.23	213665	12.224	
ISTD: 1,4-Difluorobenzene	814997	13.781	699254	13.775	
ISTD: d5-Chlorobenzene	657185	19.01	739732	19.01	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-03 File ID: TQ223301.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 23:19

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21789 Sequence: S2L3102 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.36	0.94	U
71-55-6	1,1,1-Trichloroethane	1.36	0.74	U
79-34-5	1,1,2,2-Tetrachloroethane	1.36	0.94	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.36	1.0	U
79-00-5	1,1,2-Trichloroethane	1.36	0.74	U
75-34-3	1,1-Dichloroethane	1.36	0.55	U
75-35-4	1,1-Dichloroethylene	1.36	0.14	U
120-82-1	1,2,4-Trichlorobenzene	1.36	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.36	1.7	D
106-93-4	1,2-Dibromoethane	1.36	1.0	U
95-50-1	1,2-Dichlorobenzene	1.36	0.82	U
107-06-2	1,2-Dichloroethane	1.36	0.55	U
78-87-5	1,2-Dichloropropane	1.36	0.63	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.36	1.9	D
108-67-8	1,3,5-Trimethylbenzene	1.36	0.67	U
106-99-0	1,3-Butadiene	1.36	0.91	U
541-73-1	1,3-Dichlorobenzene	1.36	0.82	U
142-28-9	1,3-Dichloropropane	1.36	0.63	U
106-46-7	1,4-Dichlorobenzene	1.36	0.82	U
123-91-1	1,4-Dioxane	1.36	0.98	U
78-93-3	2-Butanone	1.36	5.4	D
591-78-6	2-Hexanone	1.36	1.1	U
107-05-1	3-Chloropropene	1.36	2.1	U
108-10-1	4-Methyl-2-pentanone	1.36	0.56	U
67-64-1	Acetone	1.36	39	D
107-13-1	Acrylonitrile	1.36	0.30	U
71-43-2	Benzene	1.36	1.0	D
100-44-7	Benzyl chloride	1.36	0.71	U
75-27-4	Bromodichloromethane	1.36	0.91	U
75-25-2	Bromoform	1.36	1.4	U
74-83-9	Bromomethane	1.36	0.53	U
75-15-0	Carbon disulfide	1.36	0.42	U
56-23-5	Carbon tetrachloride	1.36	0.34	D
108-90-7	Chlorobenzene	1.36	0.63	U
75-00-3	Chloroethane	1.36	0.36	U
67-66-3	Chloroform	1.36	0.67	U
74-87-3	Chloromethane	1.36	0.42	D
156-59-2	cis-1,2-Dichloroethylene	1.36	0.14	U
10061-01-5	cis-1,3-Dichloropropylene	1.36	0.62	U
110-82-7	Cyclohexane	1.36	0.47	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-03 File ID: TQ223301.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 23:19

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21789 Sequence: S2L3102 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.36	1.2	U	
75-71-8	Dichlorodifluoromethane	1.36	3.1	D	
141-78-6	Ethyl acetate	1.36	0.98	U	
100-41-4	Ethyl Benzene	1.36	1.5	D	
87-68-3	Hexachlorobutadiene	1.36	1.5	U	UJ
67-63-0	Isopropanol	1.36	25	D	
80-62-6	Methyl Methacrylate	1.36	1.7	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.36	0.49	U	
75-09-2	Methylene chloride	1.36	0.95	U	
142-82-5	n-Heptane	1.36	1.1	D	
110-54-3	n-Hexane	1.36	0.96	D	
95-47-6	o-Xylene	1.36	1.5	D	
179601-23-1	p- & m- Xylenes	1.36	4.0	D	
622-96-8	p-Ethyltoluene	1.36	1.1	D	
115-07-1	Propylene	1.36	0.54	D	
100-42-5	Styrene	1.36	0.81	D	
127-18-4	Tetrachloroethylene	1.36	12	D	
109-99-9	Tetrahydrofuran	1.36	16	D	
108-88-3	Toluene	1.36	54	D	
156-60-5	trans-1,2-Dichloroethylene	1.36	0.54	U	
10061-02-6	trans-1,3-Dichloropropylene	1.36	0.62	U	
79-01-6	Trichloroethylene	1.36	0.29	D	
75-69-4	Trichlorofluoromethane (Freon 11)	1.36	1.5	D	
108-05-4	Vinyl acetate	1.36	0.48	U	
593-60-2	Vinyl bromide	1.36	0.60	U	
75-01-4	Vinyl Chloride	1.36	0.17	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	237209	12.213	207097	12.22	
ISTD: 1,4-Difluorobenzene	493987	13.798	416915	13.805	
ISTD: d5-Chlorobenzene	442720	19.06	372984	19.06	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-04 File ID: TO296840.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 02:53

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.01	0.69	U
71-55-6	1,1,1-Trichloroethane	1.01	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	1.01	0.69	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.01	0.77	U
79-00-5	1,1,2-Trichloroethane	1.01	0.55	U
75-34-3	1,1-Dichloroethane	1.01	0.41	U
75-35-4	1,1-Dichloroethylene	1.01	0.10	U
120-82-1	1,2,4-Trichlorobenzene	1.01	1.5	U
95-63-6	1,2,4-Trimethylbenzene	1.01	1.2	D
106-93-4	1,2-Dibromoethane	1.01	0.78	U
95-50-1	1,2-Dichlorobenzene	1.01	0.61	U
107-06-2	1,2-Dichloroethane	1.01	0.41	U
78-87-5	1,2-Dichloropropane	1.01	0.47	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.01	0.71	U
108-67-8	1,3,5-Trimethylbenzene	1.01	0.50	U
106-99-0	1,3-Butadiene	1.01	0.67	U
541-73-1	1,3-Dichlorobenzene	1.01	0.61	U
142-28-9	1,3-Dichloropropane	1.01	0.47	U
106-46-7	1,4-Dichlorobenzene	1.01	0.61	U
123-91-1	1,4-Dioxane	1.01	0.73	U
78-93-3	2-Butanone	1.01	65	D
591-78-6	2-Hexanone	1.01	0.83	U
107-05-1	3-Chloropropene	1.01	1.6	U
108-10-1	4-Methyl-2-pentanone	1.01	0.41	U
107-13-1	Acrylonitrile	1.01	0.22	U
71-43-2	Benzene	1.01	0.32	U
100-44-7	Benzyl chloride	1.01	1.0	U
75-27-4	Bromodichloromethane	1.01	0.68	U
75-25-2	Bromoform	1.01	1.0	U
74-83-9	Bromomethane	1.01	0.39	U
75-15-0	Carbon disulfide	1.01	0.66	D
56-23-5	Carbon tetrachloride	1.01	0.32	D
108-90-7	Chlorobenzene	1.01	0.46	U
75-00-3	Chloroethane	1.01	0.27	U
67-66-3	Chloroform	1.01	0.49	U
74-87-3	Chloromethane	1.01	0.98	D
156-59-2	cis-1,2-Dichloroethylene	1.01	0.10	U
10061-01-5	cis-1,3-Dichloropropylene	1.01	0.46	U
110-82-7	Cyclohexane	1.01	0.52	D
124-48-1	Dibromochloromethane	1.01	0.86	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-04 File ID: TO296840.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 02:53

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	1.01	2.3	D	
141-78-6	Ethyl acetate	1.01	3.0	D	
100-41-4	Ethyl Benzene	1.01	2.1	D	
87-68-3	Hexachlorobutadiene	1.01	1.1	U	UJ
67-63-0	Isopropanol	1.01	1.7	D	
80-62-6	Methyl Methacrylate	1.01	0.41	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.01	0.36	U	
75-09-2	Methylene chloride	1.01	0.70	U	
142-82-5	n-Heptane	1.01	8.8	D	
110-54-3	n-Hexane	1.01	2.0	D	
95-47-6	o-Xylene	1.01	1.5	D	
179601-23-1	p- & m- Xylenes	1.01	4.3	D	
622-96-8	p-Ethyltoluene	1.01	1.1	D	
115-07-1	Propylene	1.01	0.17	U	
100-42-5	Styrene	1.01	0.90	D	
127-18-4	Tetrachloroethylene	1.01	0.69	U	
156-60-5	trans-1,2-Dichloroethylene	1.01	0.40	U	
10061-02-6	trans-1,3-Dichloropropylene	1.01	0.46	U	
79-01-6	Trichloroethylene	1.01	0.14	U	
75-69-4	Trichlorofluoromethane (Freon 11)	1.01	1.0	D	
108-05-4	Vinyl acetate	1.01	0.36	U	
593-60-2	Vinyl bromide	1.01	0.44	U	
75-01-4	Vinyl Chloride	1.01	0.13	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	250955	12.231	213665	12.224	
ISTD: 1,4-Difluorobenzene	828570	13.781	699254	13.775	
ISTD: d5-Chlorobenzene	715822	19.01	739732	19.01	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-04RE1	File ID:	TO296853.D
Sampled:	12/28/22 15:00	Prepared:	12/31/22 15:00	Analyzed:	01/01/23 13:54
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BL21788	Sequence:	S2L3101	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	3.79	170	D
109-99-9	Tetrahydrofuran	3.79	260	D
108-88-3	Toluene	3.79	480	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	204325	12.231	213665	12.224	
ISTD: 1,4-Difluorobenzene	654730	13.781	699254	13.775	
ISTD: d5-Chlorobenzene	516275	19.01	739732	19.01	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-05 File ID: TQ223330.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 02:46

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1.67	1.1	U	
71-55-6	1,1,1-Trichloroethane	1.67	0.91	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.67	1.1	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.67	1.3	U	
79-00-5	1,1,2-Trichloroethane	1.67	0.91	U	
75-34-3	1,1-Dichloroethane	1.67	0.68	U	
75-35-4	1,1-Dichloroethylene	1.67	0.17	U	
120-82-1	1,2,4-Trichlorobenzene	1.67	1.2	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1.67	2.3	D	
106-93-4	1,2-Dibromoethane	1.67	1.3	U	
95-50-1	1,2-Dichlorobenzene	1.67	1.0	U	
107-06-2	1,2-Dichloroethane	1.67	0.68	U	
78-87-5	1,2-Dichloropropane	1.67	0.77	U	
76-14-2	1,2-Dichlorotetrafluoroethane	1.67	7.1	D	
108-67-8	1,3,5-Trimethylbenzene	1.67	0.82	U	
106-99-0	1,3-Butadiene	1.67	1.1	U	
541-73-1	1,3-Dichlorobenzene	1.67	1.0	U	
142-28-9	1,3-Dichloropropane	1.67	0.77	U	
106-46-7	1,4-Dichlorobenzene	1.67	1.0	U	
123-91-1	1,4-Dioxane	1.67	1.2	U	
78-93-3	2-Butanone	1.67	8.4	D	
591-78-6	2-Hexanone	1.67	1.4	U	
107-05-1	3-Chloropropene	1.67	2.6	U	
108-10-1	4-Methyl-2-pentanone	1.67	0.68	U	
67-64-1	Acetone	1.67	45	D	
107-13-1	Acrylonitrile	1.67	0.36	U	
71-43-2	Benzene	1.67	1.2	D	
100-44-7	Benzyl chloride	1.67	0.86	U	
75-27-4	Bromodichloromethane	1.67	1.1	U	
75-25-2	Bromoform	1.67	1.7	U	
74-83-9	Bromomethane	1.67	0.65	U	
75-15-0	Carbon disulfide	1.67	0.52	U	
56-23-5	Carbon tetrachloride	1.67	0.26	U	
108-90-7	Chlorobenzene	1.67	0.77	U	
75-00-3	Chloroethane	1.67	0.44	U	
67-66-3	Chloroform	1.67	0.82	U	
74-87-3	Chloromethane	1.67	0.34	U	
156-59-2	cis-1,2-Dichloroethylene	1.67	0.17	U	
10061-01-5	cis-1,3-Dichloropropylene	1.67	0.76	U	
110-82-7	Cyclohexane	1.67	0.57	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-05 File ID: TQ223330.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 02:46

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.67	1.4	U	
75-71-8	Dichlorodifluoromethane	1.67	3.3	D	
141-78-6	Ethyl acetate	1.67	1.2	U	
100-41-4	Ethyl Benzene	1.67	2.1	D	
87-68-3	Hexachlorobutadiene	1.67	1.8	U	UJ
67-63-0	Isopropanol	1.67	22	D	
80-62-6	Methyl Methacrylate	1.67	2.3	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.67	0.60	U	
75-09-2	Methylene chloride	1.67	1.2	U	
142-82-5	n-Heptane	1.67	1.5	D	
110-54-3	n-Hexane	1.67	0.94	D	
95-47-6	o-Xylene	1.67	2.2	D	
179601-23-1	p- & m- Xylenes	1.67	5.9	D	
622-96-8	p-Ethyltoluene	1.67	1.6	D	
115-07-1	Propylene	1.67	0.37	D	
100-42-5	Styrene	1.67	1.1	D	
127-18-4	Tetrachloroethylene	1.67	4.2	D	
109-99-9	Tetrahydrofuran	1.67	26	D	
108-88-3	Toluene	1.67	79	D	
156-60-5	trans-1,2-Dichloroethylene	1.67	0.66	U	
10061-02-6	trans-1,3-Dichloropropylene	1.67	0.76	U	
79-01-6	Trichloroethylene	1.67	0.36	D	
75-69-4	Trichlorofluoromethane (Freon 11)	1.67	1.5	D	
108-05-4	Vinyl acetate	1.67	0.59	U	
593-60-2	Vinyl bromide	1.67	0.73	U	
75-01-4	Vinyl Chloride	1.67	0.21	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	260699	12.207	293899	12.226	
ISTD: 1,4-Difluorobenzene	561518	13.799	657628	13.805	
ISTD: d5-Chlorobenzene	481398	19.054	548275	19.06	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-06 File ID: TO296841.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 03:52

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.931	0.64	U
71-55-6	1,1,1-Trichloroethane	0.931	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	0.931	0.64	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.931	0.71	U
79-00-5	1,1,2-Trichloroethane	0.931	0.51	U
75-34-3	1,1-Dichloroethane	0.931	0.38	U
75-35-4	1,1-Dichloroethylene	0.931	0.092	U
120-82-1	1,2,4-Trichlorobenzene	0.931	1.4	U
95-63-6	1,2,4-Trimethylbenzene	0.931	1.5	D
106-93-4	1,2-Dibromoethane	0.931	0.72	U
95-50-1	1,2-Dichlorobenzene	0.931	0.56	U
107-06-2	1,2-Dichloroethane	0.931	0.38	U
78-87-5	1,2-Dichloropropane	0.931	0.43	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.931	0.65	U
108-67-8	1,3,5-Trimethylbenzene	0.931	0.46	U
106-99-0	1,3-Butadiene	0.931	0.62	U
541-73-1	1,3-Dichlorobenzene	0.931	0.56	U
142-28-9	1,3-Dichloropropane	0.931	0.43	U
106-46-7	1,4-Dichlorobenzene	0.931	0.56	U
123-91-1	1,4-Dioxane	0.931	0.67	U
78-93-3	2-Butanone	0.931	39	D
591-78-6	2-Hexanone	0.931	0.76	U
107-05-1	3-Chloropropene	0.931	1.5	U
108-10-1	4-Methyl-2-pentanone	0.931	0.38	U
107-13-1	Acrylonitrile	0.931	0.20	U
71-43-2	Benzene	0.931	0.30	U
100-44-7	Benzyl chloride	0.931	0.96	U
75-27-4	Bromodichloromethane	0.931	0.62	U
75-25-2	Bromoform	0.931	0.96	U
74-83-9	Bromomethane	0.931	0.36	U
75-15-0	Carbon disulfide	0.931	0.41	D
56-23-5	Carbon tetrachloride	0.931	0.29	D
108-90-7	Chlorobenzene	0.931	0.43	U
75-00-3	Chloroethane	0.931	0.25	U
67-66-3	Chloroform	0.931	0.45	U
74-87-3	Chloromethane	0.931	1.1	D
156-59-2	cis-1,2-Dichloroethylene	0.931	0.092	U
10061-01-5	cis-1,3-Dichloropropylene	0.931	0.42	U
110-82-7	Cyclohexane	0.931	0.61	D
124-48-1	Dibromochloromethane	0.931	0.79	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-06 File ID: TO296841.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 03:52

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	0.931	2.2	D	
141-78-6	Ethyl acetate	0.931	2.9	D	
100-41-4	Ethyl Benzene	0.931	2.5	D	
87-68-3	Hexachlorobutadiene	0.931	0.99	U	UJ
67-63-0	Isopropanol	0.931	4.0	D	
80-62-6	Methyl Methacrylate	0.931	0.38	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	0.931	0.34	U	
75-09-2	Methylene chloride	0.931	0.65	U	
142-82-5	n-Heptane	0.931	5.4	D	
110-54-3	n-Hexane	0.931	2.7	D	
95-47-6	o-Xylene	0.931	1.9	D	
179601-23-1	p- & m- Xylenes	0.931	5.4	D	
622-96-8	p-Ethyltoluene	0.931	1.4	D	
115-07-1	Propylene	0.931	0.16	U	
100-42-5	Styrene	0.931	0.99	D	
127-18-4	Tetrachloroethylene	0.931	0.63	U	
156-60-5	trans-1,2-Dichloroethylene	0.931	0.37	U	
10061-02-6	trans-1,3-Dichloropropylene	0.931	0.42	U	
79-01-6	Trichloroethylene	0.931	0.13	U	
75-69-4	Trichlorofluoromethane (Freon 11)	0.931	1.0	D	
108-05-4	Vinyl acetate	0.931	0.33	U	
593-60-2	Vinyl bromide	0.931	0.41	U	
75-01-4	Vinyl Chloride	0.931	0.12	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	221753	12.231	213665	12.224	
ISTD: 1,4-Difluorobenzene	716495	13.781	699254	13.775	
ISTD: d5-Chlorobenzene	626082	19.01	739732	19.01	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-06RE1	File ID:	TO296855.D
Sampled:	12/28/22 15:00	Prepared:	12/31/22 15:00	Analyzed:	01/01/23 15:42
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BL21788	Sequence:	S2L3101	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	3.49	100	D
109-99-9	Tetrahydrofuran	3.49	150	D
108-88-3	Toluene	3.49	450	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	180623	12.231	213665	12.224	
ISTD: 1,4-Difluorobenzene	571281	13.781	699254	13.775	
ISTD: d5-Chlorobenzene	465375	19.011	739732	19.01	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-07 File ID: TQ223331.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 03:49

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1.77	1.2	U	
71-55-6	1,1,1-Trichloroethane	1.77	0.97	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.77	1.6	D	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.77	1.4	U	
79-00-5	1,1,2-Trichloroethane	1.77	0.97	U	
75-34-3	1,1-Dichloroethane	1.77	0.72	U	
75-35-4	1,1-Dichloroethylene	1.77	0.18	U	
120-82-1	1,2,4-Trichlorobenzene	1.77	1.3	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1.77	2.4	D	
106-93-4	1,2-Dibromoethane	1.77	1.4	U	
95-50-1	1,2-Dichlorobenzene	1.77	1.1	U	
107-06-2	1,2-Dichloroethane	1.77	0.72	U	
78-87-5	1,2-Dichloropropane	1.77	0.82	U	
76-14-2	1,2-Dichlorotetrafluoroethane	1.77	110	D	
108-67-8	1,3,5-Trimethylbenzene	1.77	0.87	U	
106-99-0	1,3-Butadiene	1.77	1.2	U	
541-73-1	1,3-Dichlorobenzene	1.77	1.1	U	
142-28-9	1,3-Dichloropropane	1.77	0.82	U	
106-46-7	1,4-Dichlorobenzene	1.77	1.1	U	
123-91-1	1,4-Dioxane	1.77	1.3	U	
78-93-3	2-Butanone	1.77	18	D	
591-78-6	2-Hexanone	1.77	1.5	U	
107-05-1	3-Chloropropene	1.77	2.8	U	
108-10-1	4-Methyl-2-pentanone	1.77	0.73	U	
67-64-1	Acetone	1.77	140	D	
107-13-1	Acrylonitrile	1.77	0.38	U	
71-43-2	Benzene	1.77	1.9	D	
100-44-7	Benzyl chloride	1.77	0.92	U	
75-27-4	Bromodichloromethane	1.77	1.2	U	
75-25-2	Bromoform	1.77	1.8	U	
74-83-9	Bromomethane	1.77	0.69	U	
75-15-0	Carbon disulfide	1.77	0.55	U	
56-23-5	Carbon tetrachloride	1.77	0.28	U	
108-90-7	Chlorobenzene	1.77	0.82	U	
75-00-3	Chloroethane	1.77	0.47	U	
67-66-3	Chloroform	1.77	0.87	U	
74-87-3	Chloromethane	1.77	0.48	D	
156-59-2	cis-1,2-Dichloroethylene	1.77	0.18	U	
10061-01-5	cis-1,3-Dichloropropylene	1.77	0.80	U	
110-82-7	Cyclohexane	1.77	0.61	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-07 File ID: TQ223331.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 03:49

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.77	1.5	U	
75-71-8	Dichlorodifluoromethane	1.77	5.4	D	
141-78-6	Ethyl acetate	1.77	1.3	U	
100-41-4	Ethyl Benzene	1.77	2.5	D	
87-68-3	Hexachlorobutadiene	1.77	1.9	U	UJ
67-63-0	Isopropanol	1.77	22	D	
80-62-6	Methyl Methacrylate	1.77	6.6	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.77	0.64	U	
75-09-2	Methylene chloride	1.77	1.2	U	
142-82-5	n-Heptane	1.77	3.6	D	
110-54-3	n-Hexane	1.77	1.7	D	
95-47-6	o-Xylene	1.77	2.9	D	
179601-23-1	p- & m- Xylenes	1.77	6.5	D	
622-96-8	p-Ethyltoluene	1.77	1.7	D	
115-07-1	Propylene	1.77	1.8	D	
100-42-5	Styrene	1.77	1.3	D	
127-18-4	Tetrachloroethylene	1.77	3.2	D	
109-99-9	Tetrahydrofuran	1.77	72	D	
108-88-3	Toluene	1.77	150	D	
156-60-5	trans-1,2-Dichloroethylene	1.77	0.70	U	
10061-02-6	trans-1,3-Dichloropropylene	1.77	0.80	U	
79-01-6	Trichloroethylene	1.77	0.38	D	
75-69-4	Trichlorofluoromethane (Freon 11)	1.77	1.5	D	
108-05-4	Vinyl acetate	1.77	0.62	U	
593-60-2	Vinyl bromide	1.77	0.78	U	
75-01-4	Vinyl Chloride	1.77	0.23	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	271680	12.213	293899	12.226	
ISTD: 1,4-Difluorobenzene	585835	13.798	657628	13.805	
ISTD: d5-Chlorobenzene	498160	19.06	548275	19.06	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-08 File ID: TO296842.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 04:51

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.913	0.63	U
71-55-6	1,1,1-Trichloroethane	0.913	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.913	0.63	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.913	0.70	U
79-00-5	1,1,2-Trichloroethane	0.913	0.50	U
75-34-3	1,1-Dichloroethane	0.913	0.37	U
75-35-4	1,1-Dichloroethylene	0.913	0.090	U
120-82-1	1,2,4-Trichlorobenzene	0.913	1.4	U
95-63-6	1,2,4-Trimethylbenzene	0.913	1.2	D
106-93-4	1,2-Dibromoethane	0.913	0.70	U
95-50-1	1,2-Dichlorobenzene	0.913	0.55	U
107-06-2	1,2-Dichloroethane	0.913	0.37	U
78-87-5	1,2-Dichloropropane	0.913	0.42	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.913	0.64	U
108-67-8	1,3,5-Trimethylbenzene	0.913	0.45	U
106-99-0	1,3-Butadiene	0.913	0.61	U
541-73-1	1,3-Dichlorobenzene	0.913	0.55	U
142-28-9	1,3-Dichloropropane	0.913	0.42	U
106-46-7	1,4-Dichlorobenzene	0.913	0.55	U
123-91-1	1,4-Dioxane	0.913	0.66	U
78-93-3	2-Butanone	0.913	45	D
591-78-6	2-Hexanone	0.913	0.75	U
107-05-1	3-Chloropropene	0.913	1.4	U
108-10-1	4-Methyl-2-pentanone	0.913	0.37	U
107-13-1	Acrylonitrile	0.913	0.20	U
71-43-2	Benzene	0.913	0.29	U
100-44-7	Benzyl chloride	0.913	0.95	U
75-27-4	Bromodichloromethane	0.913	0.61	U
75-25-2	Bromoform	0.913	0.94	U
74-83-9	Bromomethane	0.913	0.35	U
75-15-0	Carbon disulfide	0.913	0.43	D
56-23-5	Carbon tetrachloride	0.913	0.34	D
108-90-7	Chlorobenzene	0.913	0.42	U
75-00-3	Chloroethane	0.913	0.24	U
67-66-3	Chloroform	0.913	0.45	U
74-87-3	Chloromethane	0.913	1.2	D
156-59-2	cis-1,2-Dichloroethylene	0.913	0.090	U
10061-01-5	cis-1,3-Dichloropropylene	0.913	0.41	U
110-82-7	Cyclohexane	0.913	0.47	D
124-48-1	Dibromochloromethane	0.913	0.78	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-08 File ID: TO296842.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/01/23 04:51

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21788 Sequence: S2L3101 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	0.913	2.1	D	
141-78-6	Ethyl acetate	0.913	3.2	D	
100-41-4	Ethyl Benzene	0.913	1.9	D	
87-68-3	Hexachlorobutadiene	0.913	0.97	U	UJ
67-63-0	Isopropanol	0.913	2.7	D	
80-62-6	Methyl Methacrylate	0.913	0.37	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	0.913	0.33	U	
75-09-2	Methylene chloride	0.913	0.63	U	
142-82-5	n-Heptane	0.913	5.9	D	
110-54-3	n-Hexane	0.913	1.9	D	
95-47-6	o-Xylene	0.913	1.3	D	
179601-23-1	p- & m- Xylenes	0.913	3.8	D	
622-96-8	p-Ethyltoluene	0.913	0.99	D	
115-07-1	Propylene	0.913	0.16	U	
100-42-5	Styrene	0.913	0.82	D	
127-18-4	Tetrachloroethylene	0.913	0.99	D	
156-60-5	trans-1,2-Dichloroethylene	0.913	0.36	U	
10061-02-6	trans-1,3-Dichloropropylene	0.913	0.41	U	
79-01-6	Trichloroethylene	0.913	0.12	U	
75-69-4	Trichlorofluoromethane (Freon 11)	0.913	1.1	D	
108-05-4	Vinyl acetate	0.913	0.32	U	
593-60-2	Vinyl bromide	0.913	0.40	U	
75-01-4	Vinyl Chloride	0.913	0.12	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	225967	12.23	213665	12.224	
ISTD: 1,4-Difluorobenzene	758098	13.781	699254	13.775	
ISTD: d5-Chlorobenzene	661129	19.01	739732	19.01	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-08RE1	File ID:	TO296863.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/03/23 16:47
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	3.43	110	D
109-99-9	Tetrahydrofuran	3.43	170	D
108-88-3	Toluene	3.43	490	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	233897	12.237	223712	12.23	
ISTD: 1,4-Difluorobenzene	741358	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	632893	19.01	750139	19.017	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-09 File ID: TQ223332.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 04:48

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	3.35	2.3	U	
71-55-6	1,1,1-Trichloroethane	3.35	1.8	U	
79-34-5	1,1,2,2-Tetrachloroethane	3.35	2.3	D	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.35	2.6	U	
79-00-5	1,1,2-Trichloroethane	3.35	1.8	U	
75-34-3	1,1-Dichloroethane	3.35	1.4	U	
75-35-4	1,1-Dichloroethylene	3.35	0.33	U	
120-82-1	1,2,4-Trichlorobenzene	3.35	2.5	U	UJ
95-63-6	1,2,4-Trimethylbenzene	3.35	2.5	D	
106-93-4	1,2-Dibromoethane	3.35	2.6	U	
95-50-1	1,2-Dichlorobenzene	3.35	2.0	U	
107-06-2	1,2-Dichloroethane	3.35	1.4	U	
78-87-5	1,2-Dichloropropane	3.35	1.5	U	
76-14-2	1,2-Dichlorotetrafluoroethane	3.35	14	D	
108-67-8	1,3,5-Trimethylbenzene	3.35	1.6	U	
106-99-0	1,3-Butadiene	3.35	2.2	U	
541-73-1	1,3-Dichlorobenzene	3.35	2.0	U	
142-28-9	1,3-Dichloropropane	3.35	1.5	U	
106-46-7	1,4-Dichlorobenzene	3.35	2.0	U	
123-91-1	1,4-Dioxane	3.35	2.4	U	
78-93-3	2-Butanone	3.35	28	D	
591-78-6	2-Hexanone	3.35	2.7	U	
107-05-1	3-Chloropropene	3.35	5.2	U	
108-10-1	4-Methyl-2-pentanone	3.35	1.4	U	
67-64-1	Acetone	3.35	120	D	
107-13-1	Acrylonitrile	3.35	0.73	U	
71-43-2	Benzene	3.35	1.1	D	
100-44-7	Benzyl chloride	3.35	1.7	U	
75-27-4	Bromodichloromethane	3.35	2.2	U	
75-25-2	Bromoform	3.35	3.5	U	
74-83-9	Bromomethane	3.35	1.3	U	
75-15-0	Carbon disulfide	3.35	1.0	U	
56-23-5	Carbon tetrachloride	3.35	0.53	U	
108-90-7	Chlorobenzene	3.35	1.5	U	
75-00-3	Chloroethane	3.35	0.88	U	
67-66-3	Chloroform	3.35	4.1	D	
74-87-3	Chloromethane	3.35	0.69	U	
156-59-2	cis-1,2-Dichloroethylene	3.35	0.33	U	
10061-01-5	cis-1,3-Dichloropropylene	3.35	1.5	U	
110-82-7	Cyclohexane	3.35	1.2	U	

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-09 File ID: TQ223332.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 04:48

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	3.35	2.9	U	
75-71-8	Dichlorodifluoromethane	3.35	6.1	D	
141-78-6	Ethyl acetate	3.35	2.4	U	
100-41-4	Ethyl Benzene	3.35	2.6	D	
87-68-3	Hexachlorobutadiene	3.35	3.6	U	UJ
67-63-0	Isopropanol	3.35	26	D	
80-62-6	Methyl Methacrylate	3.35	3.0	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	3.35	1.2	U	
75-09-2	Methylene chloride	3.35	2.3	U	
142-82-5	n-Heptane	3.35	3.8	D	
110-54-3	n-Hexane	3.35	1.2	D	
95-47-6	o-Xylene	3.35	4.1	D	
179601-23-1	p- & m- Xylenes	3.35	8.0	D	
622-96-8	p-Ethyltoluene	3.35	2.0	D	
115-07-1	Propylene	3.35	0.58	D	
100-42-5	Styrene	3.35	1.4	U	
127-18-4	Tetrachloroethylene	3.35	22	D	
109-99-9	Tetrahydrofuran	3.35	220	D	
108-88-3	Toluene	3.35	96	D	
156-60-5	trans-1,2-Dichloroethylene	3.35	1.3	U	
10061-02-6	trans-1,3-Dichloropropylene	3.35	1.5	U	
79-01-6	Trichloroethylene	3.35	1.4	D	
75-69-4	Trichlorofluoromethane (Freon 11)	3.35	2.6	D	
108-05-4	Vinyl acetate	3.35	1.2	U	
593-60-2	Vinyl bromide	3.35	1.5	U	
75-01-4	Vinyl Chloride	3.35	0.43	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	272192	12.213	293899	12.226	
ISTD: 1,4-Difluorobenzene	594978	13.798	657628	13.805	
ISTD: d5-Chlorobenzene	482671	19.06	548275	19.06	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-10 File ID: TO296871.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 01:43

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	0.891	0.61	U	
71-55-6	1,1,1-Trichloroethane	0.891	0.49	U	
79-34-5	1,1,2,2-Tetrachloroethane	0.891	0.61	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.891	0.68	U	
79-00-5	1,1,2-Trichloroethane	0.891	0.49	U	
75-34-3	1,1-Dichloroethane	0.891	0.36	U	
75-35-4	1,1-Dichloroethylene	0.891	0.088	U	
120-82-1	1,2,4-Trichlorobenzene	0.891	1.3	U	
95-63-6	1,2,4-Trimethylbenzene	0.891	0.88	D	
106-93-4	1,2-Dibromoethane	0.891	0.68	U	
95-50-1	1,2-Dichlorobenzene	0.891	0.54	U	
107-06-2	1,2-Dichloroethane	0.891	0.36	U	
78-87-5	1,2-Dichloropropane	0.891	0.41	U	
76-14-2	1,2-Dichlorotetrafluoroethane	0.891	0.62	U	UJ
108-67-8	1,3,5-Trimethylbenzene	0.891	0.44	U	
106-99-0	1,3-Butadiene	0.891	0.59	U	
541-73-1	1,3-Dichlorobenzene	0.891	0.54	U	
142-28-9	1,3-Dichloropropane	0.891	0.41	U	
106-46-7	1,4-Dichlorobenzene	0.891	0.54	U	
123-91-1	1,4-Dioxane	0.891	0.64	U	
78-93-3	2-Butanone	0.891	42	D	
591-78-6	2-Hexanone	0.891	0.73	U	
107-05-1	3-Chloropropene	0.891	1.4	U	
108-10-1	4-Methyl-2-pentanone	0.891	0.37	U	
107-13-1	Acrylonitrile	0.891	0.19	U	
71-43-2	Benzene	0.891	0.28	U	
100-44-7	Benzyl chloride	0.891	0.92	U	
75-27-4	Bromodichloromethane	0.891	0.60	U	
75-25-2	Bromoform	0.891	0.92	U	
74-83-9	Bromomethane	0.891	0.35	U	UJ
75-15-0	Carbon disulfide	0.891	0.47	D	
56-23-5	Carbon tetrachloride	0.891	0.34	D	
108-90-7	Chlorobenzene	0.891	0.41	U	
75-00-3	Chloroethane	0.891	0.24	U	UJ
67-66-3	Chloroform	0.891	0.44	U	
74-87-3	Chloromethane	0.891	0.94	D	
156-59-2	cis-1,2-Dichloroethylene	0.891	0.088	U	
10061-01-5	cis-1,3-Dichloropropylene	0.891	0.40	U	
110-82-7	Cyclohexane	0.891	0.43	D	
124-48-1	Dibromochloromethane	0.891	0.76	U	

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-10 File ID: TO296871.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 01:43

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	0.891	2.2	D	
141-78-6	Ethyl acetate	0.891	2.7	D	
100-41-4	Ethyl Benzene	0.891	1.8	D	
87-68-3	Hexachlorobutadiene	0.891	0.95	U	UJ
67-63-0	Isopropanol	0.891	1.8	D	
80-62-6	Methyl Methacrylate	0.891	0.36	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	0.891	0.32	U	
75-09-2	Methylene chloride	0.891	0.62	U	
142-82-5	n-Heptane	0.891	5.3	D	
110-54-3	n-Hexane	0.891	1.7	D	
95-47-6	o-Xylene	0.891	1.2	D	
179601-23-1	p- & m- Xylenes	0.891	3.4	D	
622-96-8	p-Ethyltoluene	0.891	0.83	D	
115-07-1	Propylene	0.891	0.15	U	
100-42-5	Styrene	0.891	0.65	D	
127-18-4	Tetrachloroethylene	0.891	0.60	U	
156-60-5	trans-1,2-Dichloroethylene	0.891	0.35	U	
10061-02-6	trans-1,3-Dichloropropylene	0.891	0.40	U	
79-01-6	Trichloroethylene	0.891	0.12	U	
75-69-4	Trichlorofluoromethane (Freon 11)	0.891	0.95	D	
108-05-4	Vinyl acetate	0.891	0.31	U	
593-60-2	Vinyl bromide	0.891	0.39	U	
75-01-4	Vinyl Chloride	0.891	0.11	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	249780	12.231	223712	12.23	
ISTD: 1,4-Difluorobenzene	812233	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	704766	19.011	750139	19.017	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-10RE1	File ID:	TO296877.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/04/23 08:07
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	3.34	130	D
109-99-9	Tetrahydrofuran	3.34	180	D
108-88-3	Toluene	3.34	570	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	269342	12.231	223712	12.23	
ISTD: 1,4-Difluorobenzene	893117	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	721165	19.011	750139	19.017	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-11 File ID: TQ223333.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 05:48

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	3.57	2.5	U
71-55-6	1,1,1-Trichloroethane	3.57	1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	3.57	2.5	D
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.57	2.7	U
79-00-5	1,1,2-Trichloroethane	3.57	1.9	U
75-34-3	1,1-Dichloroethane	3.57	1.4	U
75-35-4	1,1-Dichloroethylene	3.57	0.35	U
120-82-1	1,2,4-Trichlorobenzene	3.57	2.7	U UJ
95-63-6	1,2,4-Trimethylbenzene	3.57	3.2	D
106-93-4	1,2-Dibromoethane	3.57	2.7	U
95-50-1	1,2-Dichlorobenzene	3.57	2.1	U
107-06-2	1,2-Dichloroethane	3.57	1.4	U
78-87-5	1,2-Dichloropropane	3.57	1.7	U
76-14-2	1,2-Dichlorotetrafluoroethane	3.57	410	D
108-67-8	1,3,5-Trimethylbenzene	3.57	1.8	U
106-99-0	1,3-Butadiene	3.57	2.4	U
541-73-1	1,3-Dichlorobenzene	3.57	2.1	U
142-28-9	1,3-Dichloropropane	3.57	1.7	U
106-46-7	1,4-Dichlorobenzene	3.57	2.1	U
123-91-1	1,4-Dioxane	3.57	2.6	U
78-93-3	2-Butanone	3.57	15	D
591-78-6	2-Hexanone	3.57	2.9	U
107-05-1	3-Chloropropene	3.57	5.6	U
108-10-1	4-Methyl-2-pentanone	3.57	1.5	U
67-64-1	Acetone	3.57	220	D
107-13-1	Acrylonitrile	3.57	0.78	U
71-43-2	Benzene	3.57	1.7	D
100-44-7	Benzyl chloride	3.57	1.8	U
75-27-4	Bromodichloromethane	3.57	2.4	U
75-25-2	Bromoform	3.57	3.7	U
74-83-9	Bromomethane	3.57	1.4	U
75-15-0	Carbon disulfide	3.57	1.1	U
56-23-5	Carbon tetrachloride	3.57	0.56	U
108-90-7	Chlorobenzene	3.57	1.6	U
75-00-3	Chloroethane	3.57	0.94	U
67-66-3	Chloroform	3.57	12	D
74-87-3	Chloromethane	3.57	0.74	U
156-59-2	cis-1,2-Dichloroethylene	3.57	0.35	U
10061-01-5	cis-1,3-Dichloropropylene	3.57	1.6	U
110-82-7	Cyclohexane	3.57	27	D

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-11 File ID: TQ223333.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 05:48

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	3.57	3.0	U	
75-71-8	Dichlorodifluoromethane	3.57	43	D	
141-78-6	Ethyl acetate	3.57	2.6	U	
100-41-4	Ethyl Benzene	3.57	3.1	D	
87-68-3	Hexachlorobutadiene	3.57	3.8	U	UJ
67-63-0	Isopropanol	3.57	37	D	
80-62-6	Methyl Methacrylate	3.57	5.1	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	3.57	1.3	U	
75-09-2	Methylene chloride	3.57	2.5	U	
142-82-5	n-Heptane	3.57	2.3	D	
110-54-3	n-Hexane	3.57	1.6	D	
95-47-6	o-Xylene	3.57	3.9	D	
179601-23-1	p- & m- Xylenes	3.57	8.7	D	
622-96-8	p-Ethyltoluene	3.57	2.1	D	
115-07-1	Propylene	3.57	0.61	U	
100-42-5	Styrene	3.57	1.5	D	
127-18-4	Tetrachloroethylene	3.57	14	D	
109-99-9	Tetrahydrofuran	3.57	75	D	
108-88-3	Toluene	3.57	91	D	
156-60-5	trans-1,2-Dichloroethylene	3.57	1.4	U	
10061-02-6	trans-1,3-Dichloropropylene	3.57	1.6	U	
79-01-6	Trichloroethylene	3.57	1.2	D	
75-69-4	Trichlorofluoromethane (Freon 11)	3.57	2.0	U	
108-05-4	Vinyl acetate	3.57	1.3	U	
593-60-2	Vinyl bromide	3.57	1.6	U	
75-01-4	Vinyl Chloride	3.57	0.46	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	255583	12.226	293899	12.226	
ISTD: 1,4-Difluorobenzene	546149	13.804	657628	13.805	
ISTD: d5-Chlorobenzene	453220	19.053	548275	19.06	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-12 File ID: TO296872.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 02:42

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1.11	0.76	U	
71-55-6	1,1,1-Trichloroethane	1.11	0.60	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.11	0.76	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.11	0.85	U	
79-00-5	1,1,2-Trichloroethane	1.11	0.60	U	
75-34-3	1,1-Dichloroethane	1.11	0.45	U	
75-35-4	1,1-Dichloroethylene	1.11	0.11	U	
120-82-1	1,2,4-Trichlorobenzene	1.11	1.6	U	
95-63-6	1,2,4-Trimethylbenzene	1.11	1.1	D	
106-93-4	1,2-Dibromoethane	1.11	0.85	U	
95-50-1	1,2-Dichlorobenzene	1.11	0.67	U	
107-06-2	1,2-Dichloroethane	1.11	0.45	U	
78-87-5	1,2-Dichloropropane	1.11	0.51	U	
76-14-2	1,2-Dichlorotetrafluoroethane	1.11	0.77	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1.11	0.54	U	
106-99-0	1,3-Butadiene	1.11	0.74	U	
541-73-1	1,3-Dichlorobenzene	1.11	0.67	U	
142-28-9	1,3-Dichloropropane	1.11	0.51	U	
106-46-7	1,4-Dichlorobenzene	1.11	0.67	U	
123-91-1	1,4-Dioxane	1.11	0.80	U	
78-93-3	2-Butanone	1.11	42	D	
591-78-6	2-Hexanone	1.11	0.91	U	
107-05-1	3-Chloropropene	1.11	1.7	U	
108-10-1	4-Methyl-2-pentanone	1.11	0.45	U	
107-13-1	Acrylonitrile	1.11	0.24	U	
71-43-2	Benzene	1.11	1.5	D	
100-44-7	Benzyl chloride	1.11	1.1	U	
75-27-4	Bromodichloromethane	1.11	0.74	U	
75-25-2	Bromoform	1.11	1.1	U	
74-83-9	Bromomethane	1.11	0.43	U	UJ
75-15-0	Carbon disulfide	1.11	0.41	D	
56-23-5	Carbon tetrachloride	1.11	0.35	D	
108-90-7	Chlorobenzene	1.11	0.51	U	
75-00-3	Chloroethane	1.11	0.29	U	UJ
67-66-3	Chloroform	1.11	0.54	U	
74-87-3	Chloromethane	1.11	1.0	D	
156-59-2	cis-1,2-Dichloroethylene	1.11	0.11	U	
10061-01-5	cis-1,3-Dichloropropylene	1.11	0.50	U	
110-82-7	Cyclohexane	1.11	0.61	D	
124-48-1	Dibromochloromethane	1.11	0.94	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-12 File ID: TO296872.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 02:42

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	1.11	2.2	D	
141-78-6	Ethyl acetate	1.11	2.8	D	
100-41-4	Ethyl Benzene	1.11	2.0	D	
87-68-3	Hexachlorobutadiene	1.11	1.2	U	UJ
67-63-0	Isopropanol	1.11	3.1	D	
80-62-6	Methyl Methacrylate	1.11	0.45	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.11	0.40	U	
75-09-2	Methylene chloride	1.11	0.77	U	
142-82-5	n-Heptane	1.11	5.9	D	
110-54-3	n-Hexane	1.11	2.0	D	
95-47-6	o-Xylene	1.11	1.3	D	
179601-23-1	p- & m- Xylenes	1.11	3.8	D	
622-96-8	p-Ethyltoluene	1.11	1.0	D	
115-07-1	Propylene	1.11	0.19	U	
100-42-5	Styrene	1.11	0.76	D	
127-18-4	Tetrachloroethylene	1.11	0.75	U	
156-60-5	trans-1,2-Dichloroethylene	1.11	0.44	U	
10061-02-6	trans-1,3-Dichloropropylene	1.11	0.50	U	
79-01-6	Trichloroethylene	1.11	0.15	U	
75-69-4	Trichlorofluoromethane (Freon 11)	1.11	1.1	D	
108-05-4	Vinyl acetate	1.11	0.39	U	
593-60-2	Vinyl bromide	1.11	0.48	U	
75-01-4	Vinyl Chloride	1.11	0.14	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	226128	12.23	223712	12.23	
ISTD: 1,4-Difluorobenzene	712474	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	617826	19.01	750139	19.017	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-12RE1	File ID:	TO296878.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/04/23 08:56
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	4.16	120	D
109-99-9	Tetrahydrofuran	4.16	170	D
108-88-3	Toluene	4.16	440	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	231561	12.23	223712	12.23	
ISTD: 1,4-Difluorobenzene	727446	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	602622	19.01	750139	19.017	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-13 File ID: TQ223334.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 06:51

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	2.03	1.4	U	
71-55-6	1,1,1-Trichloroethane	2.03	1.1	U	
79-34-5	1,1,2,2-Tetrachloroethane	2.03	3.1	D	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.03	1.6	U	
79-00-5	1,1,2-Trichloroethane	2.03	1.1	U	
75-34-3	1,1-Dichloroethane	2.03	0.82	U	
75-35-4	1,1-Dichloroethylene	2.03	0.20	U	
120-82-1	1,2,4-Trichlorobenzene	2.03	1.5	U	UJ
95-63-6	1,2,4-Trimethylbenzene	2.03	3.7	D	
106-93-4	1,2-Dibromoethane	2.03	1.6	U	
95-50-1	1,2-Dichlorobenzene	2.03	1.2	U	
107-06-2	1,2-Dichloroethane	2.03	0.82	U	
78-87-5	1,2-Dichloropropane	2.03	0.94	U	
76-14-2	1,2-Dichlorotetrafluoroethane	2.03	17	D	
108-67-8	1,3,5-Trimethylbenzene	2.03	1.0	D	
106-99-0	1,3-Butadiene	2.03	1.3	U	
541-73-1	1,3-Dichlorobenzene	2.03	1.2	U	
142-28-9	1,3-Dichloropropane	2.03	0.94	U	
106-46-7	1,4-Dichlorobenzene	2.03	1.2	U	
123-91-1	1,4-Dioxane	2.03	1.5	U	
78-93-3	2-Butanone	2.03	12	D	
591-78-6	2-Hexanone	2.03	1.7	U	
107-05-1	3-Chloropropene	2.03	3.2	U	
108-10-1	4-Methyl-2-pentanone	2.03	0.83	U	
67-64-1	Acetone	2.03	120	D	
107-13-1	Acrylonitrile	2.03	0.44	U	
71-43-2	Benzene	2.03	1.9	D	
100-44-7	Benzyl chloride	2.03	1.1	U	
75-27-4	Bromodichloromethane	2.03	1.4	U	
75-25-2	Bromoform	2.03	2.1	U	
74-83-9	Bromomethane	2.03	0.79	U	
75-15-0	Carbon disulfide	2.03	0.63	U	
56-23-5	Carbon tetrachloride	2.03	0.32	U	
108-90-7	Chlorobenzene	2.03	0.94	U	
75-00-3	Chloroethane	2.03	0.54	U	
67-66-3	Chloroform	2.03	0.99	U	
74-87-3	Chloromethane	2.03	0.42	U	
156-59-2	cis-1,2-Dichloroethylene	2.03	0.20	U	
10061-01-5	cis-1,3-Dichloropropylene	2.03	0.92	U	
110-82-7	Cyclohexane	2.03	0.70	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-13 File ID: TQ223334.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 06:51

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	2.03	1.7	U	
75-71-8	Dichlorodifluoromethane	2.03	12	D	
141-78-6	Ethyl acetate	2.03	1.5	U	
100-41-4	Ethyl Benzene	2.03	3.4	D	
87-68-3	Hexachlorobutadiene	2.03	2.2	U	UJ
67-63-0	Isopropanol	2.03	27	D	
80-62-6	Methyl Methacrylate	2.03	3.8	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	2.03	0.73	U	
75-09-2	Methylene chloride	2.03	1.4	U	
142-82-5	n-Heptane	2.03	2.8	D	
110-54-3	n-Hexane	2.03	1.1	D	
95-47-6	o-Xylene	2.03	4.4	D	
179601-23-1	p- & m- Xylenes	2.03	9.7	D	
622-96-8	p-Ethyltoluene	2.03	2.4	D	
115-07-1	Propylene	2.03	0.70	D	
100-42-5	Styrene	2.03	1.6	D	
127-18-4	Tetrachloroethylene	2.03	54	D	
109-99-9	Tetrahydrofuran	2.03	86	D	
108-88-3	Toluene	2.03	120	D	
156-60-5	trans-1,2-Dichloroethylene	2.03	0.81	U	
10061-02-6	trans-1,3-Dichloropropylene	2.03	0.92	U	
79-01-6	Trichloroethylene	2.03	0.55	D	
75-69-4	Trichlorofluoromethane (Freon 11)	2.03	1.6	D	
108-05-4	Vinyl acetate	2.03	0.72	U	
593-60-2	Vinyl bromide	2.03	0.89	U	
75-01-4	Vinyl Chloride	2.03	0.26	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	263355	12.213	293899	12.226	
ISTD: 1,4-Difluorobenzene	569716	13.798	657628	13.805	
ISTD: d5-Chlorobenzene	493464	19.054	548275	19.06	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-14 File ID: TO296873.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 03:41

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1.02	0.70	U	
71-55-6	1,1,1-Trichloroethane	1.02	0.56	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.02	0.70	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.02	0.78	U	
79-00-5	1,1,2-Trichloroethane	1.02	0.56	U	
75-34-3	1,1-Dichloroethane	1.02	0.41	U	
75-35-4	1,1-Dichloroethylene	1.02	0.10	U	
120-82-1	1,2,4-Trichlorobenzene	1.02	1.5	U	
95-63-6	1,2,4-Trimethylbenzene	1.02	1.2	D	
106-93-4	1,2-Dibromoethane	1.02	0.79	U	
95-50-1	1,2-Dichlorobenzene	1.02	0.61	U	
107-06-2	1,2-Dichloroethane	1.02	0.41	U	
78-87-5	1,2-Dichloropropane	1.02	0.47	U	
76-14-2	1,2-Dichlorotetrafluoroethane	1.02	0.71	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1.02	0.50	U	
106-99-0	1,3-Butadiene	1.02	0.68	U	
541-73-1	1,3-Dichlorobenzene	1.02	0.61	U	
142-28-9	1,3-Dichloropropane	1.02	0.47	U	
106-46-7	1,4-Dichlorobenzene	1.02	0.61	U	
123-91-1	1,4-Dioxane	1.02	0.74	U	
78-93-3	2-Butanone	1.02	78	D	
591-78-6	2-Hexanone	1.02	0.84	U	
107-05-1	3-Chloropropene	1.02	1.6	U	
108-10-1	4-Methyl-2-pentanone	1.02	0.42	U	
107-13-1	Acrylonitrile	1.02	0.22	U	
71-43-2	Benzene	1.02	1.7	D	
100-44-7	Benzyl chloride	1.02	1.1	U	
75-27-4	Bromodichloromethane	1.02	0.68	U	
75-25-2	Bromoform	1.02	1.1	U	
74-83-9	Bromomethane	1.02	0.40	U	UJ
75-15-0	Carbon disulfide	1.02	0.76	D	
56-23-5	Carbon tetrachloride	1.02	0.32	D	
108-90-7	Chlorobenzene	1.02	0.47	U	
75-00-3	Chloroethane	1.02	0.27	U	UJ
67-66-3	Chloroform	1.02	0.50	U	
74-87-3	Chloromethane	1.02	1.1	D	
156-59-2	cis-1,2-Dichloroethylene	1.02	0.10	U	
10061-01-5	cis-1,3-Dichloropropylene	1.02	0.46	U	
110-82-7	Cyclohexane	1.02	0.63	D	
124-48-1	Dibromochloromethane	1.02	0.87	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-14 File ID: TO296873.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 03:41

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	1.02	2.3	D	
141-78-6	Ethyl acetate	1.02	3.0	D	
100-41-4	Ethyl Benzene	1.02	2.1	D	
87-68-3	Hexachlorobutadiene	1.02	1.1	U	UJ
67-63-0	Isopropanol	1.02	3.3	D	
80-62-6	Methyl Methacrylate	1.02	0.42	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.02	0.37	U	
75-09-2	Methylene chloride	1.02	0.71	U	
142-82-5	n-Heptane	1.02	11	D	
110-54-3	n-Hexane	1.02	2.0	D	
95-47-6	o-Xylene	1.02	1.5	D	
179601-23-1	p- & m- Xylenes	1.02	4.3	D	
622-96-8	p-Ethyltoluene	1.02	1.1	D	
115-07-1	Propylene	1.02	0.18	U	
100-42-5	Styrene	1.02	0.74	D	
127-18-4	Tetrachloroethylene	1.02	0.69	U	
156-60-5	trans-1,2-Dichloroethylene	1.02	0.41	U	
10061-02-6	trans-1,3-Dichloropropylene	1.02	0.46	U	
79-01-6	Trichloroethylene	1.02	0.16	D	
75-69-4	Trichlorofluoromethane (Freon 11)	1.02	1.1	D	
108-05-4	Vinyl acetate	1.02	0.36	U	
593-60-2	Vinyl bromide	1.02	0.45	U	
75-01-4	Vinyl Chloride	1.02	0.13	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	217418	12.23	223712	12.23	
ISTD: 1,4-Difluorobenzene	669779	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	587842	19.01	750139	19.017	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-14RE1	File ID:	TO296885.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/04/23 15:58
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30326	Sequence:	S3A0924	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	3.84	190	D
109-99-9	Tetrahydrofuran	3.84	300	D
108-88-3	Toluene	3.84	500	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	199602	12.23	232811	12.224	
ISTD: 1,4-Difluorobenzene	610221	13.781	754368	13.775	
ISTD: d5-Chlorobenzene	524338	19.01	776114	19.01	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-15 File ID: TQ223326.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/03/23 22:46

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	18.5	13	U
71-55-6	1,1,1-Trichloroethane	18.5	10	U
79-34-5	1,1,2,2-Tetrachloroethane	18.5	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	18.5	14	U
79-00-5	1,1,2-Trichloroethane	18.5	10	U
75-34-3	1,1-Dichloroethane	18.5	7.5	U
75-35-4	1,1-Dichloroethylene	18.5	1.8	U
120-82-1	1,2,4-Trichlorobenzene	18.5	30	D J
95-63-6	1,2,4-Trimethylbenzene	18.5	9.1	U
106-93-4	1,2-Dibromoethane	18.5	14	U
95-50-1	1,2-Dichlorobenzene	18.5	11	U
107-06-2	1,2-Dichloroethane	18.5	7.5	U
78-87-5	1,2-Dichloropropane	18.5	8.5	U
76-14-2	1,2-Dichlorotetrafluoroethane	18.5	210	D
108-67-8	1,3,5-Trimethylbenzene	18.5	9.1	U
106-99-0	1,3-Butadiene	18.5	12	U
541-73-1	1,3-Dichlorobenzene	18.5	11	U
142-28-9	1,3-Dichloropropane	18.5	8.5	U
106-46-7	1,4-Dichlorobenzene	18.5	11	U
123-91-1	1,4-Dioxane	18.5	13	U
78-93-3	2-Butanone	18.5	27	D
591-78-6	2-Hexanone	18.5	15	U
107-05-1	3-Chloropropene	18.5	29	U
108-10-1	4-Methyl-2-pentanone	18.5	7.6	U
67-64-1	Acetone	18.5	2000	D
107-13-1	Acrylonitrile	18.5	4.0	U
71-43-2	Benzene	18.5	5.9	U
100-44-7	Benzyl chloride	18.5	9.6	U
75-27-4	Bromodichloromethane	18.5	12	U
75-25-2	Bromoform	18.5	19	U
74-83-9	Bromomethane	18.5	7.2	U
75-15-0	Carbon disulfide	18.5	5.8	U
56-23-5	Carbon tetrachloride	18.5	2.9	U
108-90-7	Chlorobenzene	18.5	8.5	U
75-00-3	Chloroethane	18.5	4.9	U
67-66-3	Chloroform	18.5	9.0	U
74-87-3	Chloromethane	18.5	3.8	U
156-59-2	cis-1,2-Dichloroethylene	18.5	1.8	U
10061-01-5	cis-1,3-Dichloropropylene	18.5	8.4	U
110-82-7	Cyclohexane	18.5	17	D

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-15 File ID: TQ223326.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/03/23 22:46

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	18.5	16	U	
75-71-8	Dichlorodifluoromethane	18.5	20	D	
141-78-6	Ethyl acetate	18.5	13	U	
100-41-4	Ethyl Benzene	18.5	8.0	U	
87-68-3	Hexachlorobutadiene	18.5	20	U	UJ
67-63-0	Isopropanol	18.5	48	D	
80-62-6	Methyl Methacrylate	18.5	7.6	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	18.5	6.7	U	
75-09-2	Methylene chloride	18.5	13	U	
142-82-5	n-Heptane	18.5	7.6	U	
110-54-3	n-Hexane	18.5	6.5	U	
95-47-6	o-Xylene	18.5	8.0	U	
179601-23-1	p- & m- Xylenes	18.5	16	U	
622-96-8	p-Ethyltoluene	18.5	9.1	U	
115-07-1	Propylene	18.5	5.7	D	
100-42-5	Styrene	18.5	7.9	U	
127-18-4	Tetrachloroethylene	18.5	24	D	
109-99-9	Tetrahydrofuran	18.5	75	D	
108-88-3	Toluene	18.5	29	D	
156-60-5	trans-1,2-Dichloroethylene	18.5	7.3	U	
10061-02-6	trans-1,3-Dichloropropylene	18.5	8.4	U	
79-01-6	Trichloroethylene	18.5	11	D	
75-69-4	Trichlorofluoromethane (Freon 11)	18.5	10	U	
108-05-4	Vinyl acetate	18.5	6.5	U	
593-60-2	Vinyl bromide	18.5	8.1	U	
75-01-4	Vinyl Chloride	18.5	2.4	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	254794	12.207	293899	12.226	
ISTD: 1,4-Difluorobenzene	542243	13.798	657628	13.805	
ISTD: d5-Chlorobenzene	398679	19.06	548275	19.06	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-15RE1	File ID:	TQ223308.D
Sampled:	12/28/22 15:00	Prepared:	12/31/22 15:00	Analyzed:	01/02/23 06:19
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BL21789	Sequence:	S2L3102	Calibration:	SL20033
Instrument:	TO15_AIR2				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	259945	12.232	207097	12.22	
ISTD: 1,4-Difluorobenzene	543514	13.811	416915	13.805	
ISTD: d5-Chlorobenzene	393221	19.06	372984	19.06	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-16 File ID: TO296874.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 04:40

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	0.928	0.64	U	
71-55-6	1,1,1-Trichloroethane	0.928	0.51	U	
79-34-5	1,1,2,2-Tetrachloroethane	0.928	0.64	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.928	0.71	U	
79-00-5	1,1,2-Trichloroethane	0.928	0.51	U	
75-34-3	1,1-Dichloroethane	0.928	0.38	U	
75-35-4	1,1-Dichloroethylene	0.928	0.092	U	
120-82-1	1,2,4-Trichlorobenzene	0.928	1.4	U	
95-63-6	1,2,4-Trimethylbenzene	0.928	2.0	D	
106-93-4	1,2-Dibromoethane	0.928	0.71	U	
95-50-1	1,2-Dichlorobenzene	0.928	0.56	U	
107-06-2	1,2-Dichloroethane	0.928	0.38	U	
78-87-5	1,2-Dichloropropane	0.928	0.43	U	
76-14-2	1,2-Dichlorotetrafluoroethane	0.928	0.65	U	UJ
108-67-8	1,3,5-Trimethylbenzene	0.928	0.50	D	
106-99-0	1,3-Butadiene	0.928	0.62	U	
541-73-1	1,3-Dichlorobenzene	0.928	0.56	U	
142-28-9	1,3-Dichloropropane	0.928	0.43	U	
106-46-7	1,4-Dichlorobenzene	0.928	0.56	U	
123-91-1	1,4-Dioxane	0.928	0.67	U	
78-93-3	2-Butanone	0.928	54	D	
591-78-6	2-Hexanone	0.928	0.76	U	
107-05-1	3-Chloropropene	0.928	1.5	U	
108-10-1	4-Methyl-2-pentanone	0.928	0.38	U	
107-13-1	Acrylonitrile	0.928	0.20	U	
71-43-2	Benzene	0.928	3.4	D	
100-44-7	Benzyl chloride	0.928	0.96	U	
75-27-4	Bromodichloromethane	0.928	0.62	U	
75-25-2	Bromoform	0.928	0.96	U	
74-83-9	Bromomethane	0.928	0.36	U	UJ
75-15-0	Carbon disulfide	0.928	0.38	D	
56-23-5	Carbon tetrachloride	0.928	0.35	D	
108-90-7	Chlorobenzene	0.928	0.43	U	
75-00-3	Chloroethane	0.928	0.24	U	UJ
67-66-3	Chloroform	0.928	0.45	U	
74-87-3	Chloromethane	0.928	1.2	D	
156-59-2	cis-1,2-Dichloroethylene	0.928	0.092	U	
10061-01-5	cis-1,3-Dichloropropylene	0.928	0.42	U	
110-82-7	Cyclohexane	0.928	1.2	D	
124-48-1	Dibromochloromethane	0.928	0.79	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-16 File ID: TO296874.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 04:40

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30076 Sequence: S3A0910 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	0.928	2.7	D	
141-78-6	Ethyl acetate	0.928	0.67	U	
100-41-4	Ethyl Benzene	0.928	3.0	D	
87-68-3	Hexachlorobutadiene	0.928	0.99	U	UJ
67-63-0	Isopropanol	0.928	2.4	D	
80-62-6	Methyl Methacrylate	0.928	0.38	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	0.928	0.33	U	
75-09-2	Methylene chloride	0.928	0.77	D	J
142-82-5	n-Heptane	0.928	8.5	D	
110-54-3	n-Hexane	0.928	4.0	D	
95-47-6	o-Xylene	0.928	2.5	D	
179601-23-1	p- & m- Xylenes	0.928	7.9	D	
622-96-8	p-Ethyltoluene	0.928	1.8	D	
115-07-1	Propylene	0.928	0.16	U	
100-42-5	Styrene	0.928	0.40	U	
127-18-4	Tetrachloroethylene	0.928	0.63	U	
108-88-3	Toluene	0.928	31	D	
156-60-5	trans-1,2-Dichloroethylene	0.928	0.92	D	
10061-02-6	trans-1,3-Dichloropropylene	0.928	0.42	U	
79-01-6	Trichloroethylene	0.928	0.55	D	
75-69-4	Trichlorofluoromethane (Freon 11)	0.928	1.1	D	
108-05-4	Vinyl acetate	0.928	0.33	U	
593-60-2	Vinyl bromide	0.928	0.41	U	
75-01-4	Vinyl Chloride	0.928	0.12	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	219800	12.23	223712	12.23	
ISTD: 1,4-Difluorobenzene	717519	13.781	706956	13.781	
ISTD: d5-Chlorobenzene	619415	19.01	750139	19.017	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-16RE1	File ID:	TO296899.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/05/23 16:41
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30328	Sequence:	S3A0927	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	3.48	130	D
109-99-9	Tetrahydrofuran	3.48	190	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	193577	12.231	203779	12.224	
ISTD: 1,4-Difluorobenzene	566880	13.781	656094	13.775	
ISTD: d5-Chlorobenzene	494581	19.01	644717	19.01	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-17 File ID: TQ223309.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/02/23 07:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21789 Sequence: S2L3102 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	17.7	12	U
71-55-6	1,1,1-Trichloroethane	17.7	9.7	U
79-34-5	1,1,2,2-Tetrachloroethane	17.7	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	17.7	14	U
79-00-5	1,1,2-Trichloroethane	17.7	9.7	U
75-34-3	1,1-Dichloroethane	17.7	7.2	U
75-35-4	1,1-Dichloroethylene	17.7	1.8	U
120-82-1	1,2,4-Trichlorobenzene	17.7	13	U
95-63-6	1,2,4-Trimethylbenzene	17.7	8.7	U
106-93-4	1,2-Dibromoethane	17.7	14	U
95-50-1	1,2-Dichlorobenzene	17.7	11	U
107-06-2	1,2-Dichloroethane	17.7	7.2	U
78-87-5	1,2-Dichloropropane	17.7	8.2	U
76-14-2	1,2-Dichlorotetrafluoroethane	17.7	120	D
108-67-8	1,3,5-Trimethylbenzene	17.7	8.7	U
106-99-0	1,3-Butadiene	17.7	12	U
541-73-1	1,3-Dichlorobenzene	17.7	11	U
142-28-9	1,3-Dichloropropane	17.7	8.2	U
106-46-7	1,4-Dichlorobenzene	17.7	11	U
123-91-1	1,4-Dioxane	17.7	13	U
78-93-3	2-Butanone	17.7	80	D
591-78-6	2-Hexanone	17.7	15	U
107-05-1	3-Chloropropene	17.7	28	U
108-10-1	4-Methyl-2-pentanone	17.7	7.3	U
67-64-1	Acetone	17.7	1500	D
107-13-1	Acrylonitrile	17.7	3.8	U
71-43-2	Benzene	17.7	5.7	U
100-44-7	Benzyl chloride	17.7	9.2	U
75-27-4	Bromodichloromethane	17.7	12	U
75-25-2	Bromoform	17.7	18	U
74-83-9	Bromomethane	17.7	6.9	U
75-15-0	Carbon disulfide	17.7	5.5	U
56-23-5	Carbon tetrachloride	17.7	2.8	U
108-90-7	Chlorobenzene	17.7	8.2	U
75-00-3	Chloroethane	17.7	4.7	U
67-66-3	Chloroform	17.7	8.7	U
74-87-3	Chloromethane	17.7	3.7	U
156-59-2	cis-1,2-Dichloroethylene	17.7	1.8	U
10061-01-5	cis-1,3-Dichloropropylene	17.7	8.0	U
110-82-7	Cyclohexane	17.7	6.1	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-17 File ID: TQ223309.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/02/23 07:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BL21789 Sequence: S2L3102 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	17.7	15	U	
75-71-8	Dichlorodifluoromethane	17.7	32	D	
141-78-6	Ethyl acetate	17.7	13	U	
100-41-4	Ethyl Benzene	17.7	7.7	U	
87-68-3	Hexachlorobutadiene	17.7	19	U	UJ
67-63-0	Isopropanol	17.7	37	D	
80-62-6	Methyl Methacrylate	17.7	7.3	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	17.7	6.4	U	
75-09-2	Methylene chloride	17.7	12	U	
142-82-5	n-Heptane	17.7	23	D	
110-54-3	n-Hexane	17.7	19	D	
95-47-6	o-Xylene	17.7	7.7	U	
179601-23-1	p- & m- Xylenes	17.7	15	U	
622-96-8	p-Ethyltoluene	17.7	8.7	U	
115-07-1	Propylene	17.7	6.4	D	
100-42-5	Styrene	17.7	7.5	U	
127-18-4	Tetrachloroethylene	17.7	24	D	
109-99-9	Tetrahydrofuran	17.7	2400	D	
108-88-3	Toluene	17.7	32	D	
156-60-5	trans-1,2-Dichloroethylene	17.7	7.0	U	
10061-02-6	trans-1,3-Dichloropropylene	17.7	8.0	U	
79-01-6	Trichloroethylene	17.7	2.4	U	
75-69-4	Trichlorofluoromethane (Freon 11)	17.7	10	U	
108-05-4	Vinyl acetate	17.7	6.2	U	
593-60-2	Vinyl bromide	17.7	7.8	U	
75-01-4	Vinyl Chloride	17.7	2.3	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	270625	12.225	207097	12.22	
ISTD: 1,4-Difluorobenzene	571366	13.804	416915	13.805	
ISTD: d5-Chlorobenzene	421439	19.059	372984	19.06	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-18 File ID: TO296887.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 17:37

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30326 Sequence: S3A0924 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	3.77	2.6	U	
71-55-6	1,1,1-Trichloroethane	3.77	2.1	U	
79-34-5	1,1,2,2-Tetrachloroethane	3.77	2.6	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.77	2.9	U	
79-00-5	1,1,2-Trichloroethane	3.77	2.1	U	
75-34-3	1,1-Dichloroethane	3.77	1.5	U	
75-35-4	1,1-Dichloroethylene	3.77	0.37	U	
120-82-1	1,2,4-Trichlorobenzene	3.77	5.6	U	
95-63-6	1,2,4-Trimethylbenzene	3.77	1.9	U	
106-93-4	1,2-Dibromoethane	3.77	2.9	U	
95-50-1	1,2-Dichlorobenzene	3.77	2.3	U	
107-06-2	1,2-Dichloroethane	3.77	1.5	U	
78-87-5	1,2-Dichloropropane	3.77	1.7	U	
76-14-2	1,2-Dichlorotetrafluoroethane	3.77	2.6	U	
108-67-8	1,3,5-Trimethylbenzene	3.77	1.9	U	
106-99-0	1,3-Butadiene	3.77	2.5	U	
541-73-1	1,3-Dichlorobenzene	3.77	2.3	U	
142-28-9	1,3-Dichloropropane	3.77	1.7	U	
106-46-7	1,4-Dichlorobenzene	3.77	2.3	U	
123-91-1	1,4-Dioxane	3.77	2.7	U	
591-78-6	2-Hexanone	3.77	3.1	U	
107-05-1	3-Chloropropene	3.77	5.9	U	
108-10-1	4-Methyl-2-pentanone	3.77	1.5	U	
107-13-1	Acrylonitrile	3.77	0.82	U	
71-43-2	Benzene	3.77	1.2	U	
100-44-7	Benzyl chloride	3.77	3.9	U	
75-27-4	Bromodichloromethane	3.77	2.5	U	
75-25-2	Bromoform	3.77	3.9	U	
74-83-9	Bromomethane	3.77	1.5	U	UJ
75-15-0	Carbon disulfide	3.77	8.1	D	
56-23-5	Carbon tetrachloride	3.77	0.59	U	
108-90-7	Chlorobenzene	3.77	1.7	U	
75-00-3	Chloroethane	3.77	1.0	U	UJ
67-66-3	Chloroform	3.77	1.8	U	
74-87-3	Chloromethane	3.77	0.94	D	
156-59-2	cis-1,2-Dichloroethylene	3.77	0.37	U	
10061-01-5	cis-1,3-Dichloropropylene	3.77	1.7	U	
110-82-7	Cyclohexane	3.77	1.3	U	
124-48-1	Dibromochloromethane	3.77	3.2	U	
75-71-8	Dichlorodifluoromethane	3.77	2.4	D	

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-18 File ID: TO296887.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/04/23 17:37

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30326 Sequence: S3A0924 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
141-78-6	Ethyl acetate	3.77	6.3	D	
100-41-4	Ethyl Benzene	3.77	2.6	D	
87-68-3	Hexachlorobutadiene	3.77	4.0	U	UJ
67-63-0	Isopropanol	3.77	2.9	D	
80-62-6	Methyl Methacrylate	3.77	1.5	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	3.77	1.4	U	
75-09-2	Methylene chloride	3.77	2.6	U	
142-82-5	n-Heptane	3.77	280	D	
110-54-3	n-Hexane	3.77	1.3	U	
95-47-6	o-Xylene	3.77	1.6	U	
179601-23-1	p- & m- Xylenes	3.77	3.3	U	
622-96-8	p-Ethyltoluene	3.77	1.9	U	
115-07-1	Propylene	3.77	0.65	U	
100-42-5	Styrene	3.77	1.6	U	
127-18-4	Tetrachloroethylene	3.77	2.6	U	
108-88-3	Toluene	3.77	28	D	
156-60-5	trans-1,2-Dichloroethylene	3.77	1.5	U	
10061-02-6	trans-1,3-Dichloropropylene	3.77	1.7	U	
79-01-6	Trichloroethylene	3.77	0.51	U	
75-69-4	Trichlorofluoromethane (Freon 11)	3.77	2.1	U	
108-05-4	Vinyl acetate	3.77	1.3	U	
593-60-2	Vinyl bromide	3.77	1.7	U	
75-01-4	Vinyl Chloride	3.77	0.48	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	242417	12.237	232811	12.224	
ISTD: 1,4-Difluorobenzene	661014	13.781	754368	13.775	
ISTD: d5-Chlorobenzene	538030	19.01	776114	19.01	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-18RE1	File ID:	TO296890.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/05/23 08:08
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30326	Sequence:	S3A0924	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
78-93-3	2-Butanone	50.3	1800	D
67-64-1	Acetone	50.3	4700	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	194297	12.23	232811	12.224	
ISTD: 1,4-Difluorobenzene	588859	13.775	754368	13.775	
ISTD: d5-Chlorobenzene	466417	19.01	776114	19.01	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-18RE2	File ID:	TO296892.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/05/23 09:43
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30326	Sequence:	S3A0924	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
109-99-9	Tetrahydrofuran	101	5200	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	201532	12.231	232811	12.224	
ISTD: 1,4-Difluorobenzene	638713	13.781	754368	13.775	
ISTD: d5-Chlorobenzene	484110	19.01	776114	19.01	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-19 File ID: TQ223328.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 00:46

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	8.28	5.7	U	
71-55-6	1,1,1-Trichloroethane	8.28	4.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	8.28	5.7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.28	6.3	U	
79-00-5	1,1,2-Trichloroethane	8.28	4.5	U	
75-34-3	1,1-Dichloroethane	8.28	3.3	U	
75-35-4	1,1-Dichloroethylene	8.28	0.82	U	
120-82-1	1,2,4-Trichlorobenzene	8.28	6.1	U	UJ
95-63-6	1,2,4-Trimethylbenzene	8.28	4.1	U	
106-93-4	1,2-Dibromoethane	8.28	6.4	U	
95-50-1	1,2-Dichlorobenzene	8.28	5.0	U	
107-06-2	1,2-Dichloroethane	8.28	3.3	U	
78-87-5	1,2-Dichloropropane	8.28	3.8	U	
76-14-2	1,2-Dichlorotetrafluoroethane	8.28	21	D	
108-67-8	1,3,5-Trimethylbenzene	8.28	4.1	U	
106-99-0	1,3-Butadiene	8.28	5.5	U	
541-73-1	1,3-Dichlorobenzene	8.28	5.0	U	
142-28-9	1,3-Dichloropropane	8.28	3.8	U	
106-46-7	1,4-Dichlorobenzene	8.28	5.0	U	
123-91-1	1,4-Dioxane	8.28	6.0	U	
78-93-3	2-Butanone	8.28	210	D	
591-78-6	2-Hexanone	8.28	6.8	U	
107-05-1	3-Chloropropene	8.28	13	U	
108-10-1	4-Methyl-2-pentanone	8.28	3.4	U	
67-64-1	Acetone	8.28	620	D	
107-13-1	Acrylonitrile	8.28	1.8	U	
71-43-2	Benzene	8.28	2.6	U	
100-44-7	Benzyl chloride	8.28	4.3	U	
75-27-4	Bromodichloromethane	8.28	5.5	U	
75-25-2	Bromoform	8.28	8.6	U	
74-83-9	Bromomethane	8.28	3.2	U	
75-15-0	Carbon disulfide	8.28	3.4	D	
56-23-5	Carbon tetrachloride	8.28	1.3	U	
108-90-7	Chlorobenzene	8.28	3.8	U	
75-00-3	Chloroethane	8.28	2.2	U	
67-66-3	Chloroform	8.28	4.0	U	
74-87-3	Chloromethane	8.28	1.7	U	
156-59-2	cis-1,2-Dichloroethylene	8.28	0.82	U	
10061-01-5	cis-1,3-Dichloropropylene	8.28	3.8	U	
110-82-7	Cyclohexane	8.28	2.8	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 22L1391-19 File ID: TQ223328.D

Sampled: 12/28/22 15:00 Prepared: 12/31/22 15:00 Analyzed: 01/04/23 00:46

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30036 Sequence: S3A0516 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	8.28	7.1	U	
75-71-8	Dichlorodifluoromethane	8.28	17	D	
141-78-6	Ethyl acetate	8.28	6.0	U	
100-41-4	Ethyl Benzene	8.28	3.6	U	
87-68-3	Hexachlorobutadiene	8.28	8.8	U	UJ
67-63-0	Isopropanol	8.28	31	D	
80-62-6	Methyl Methacrylate	8.28	3.4	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	8.28	3.0	U	
75-09-2	Methylene chloride	8.28	5.7	U	
142-82-5	n-Heptane	8.28	69	D	
110-54-3	n-Hexane	8.28	2.9	U	
95-47-6	o-Xylene	8.28	4.0	D	
179601-23-1	p- & m- Xylenes	8.28	7.9	D	
622-96-8	p-Ethyltoluene	8.28	4.1	U	
115-07-1	Propylene	8.28	11	D	
100-42-5	Styrene	8.28	3.5	U	
127-18-4	Tetrachloroethylene	8.28	5.6	U	
109-99-9	Tetrahydrofuran	8.28	850	D	
108-88-3	Toluene	8.28	36	D	
156-60-5	trans-1,2-Dichloroethylene	8.28	3.3	U	
10061-02-6	trans-1,3-Dichloropropylene	8.28	3.8	U	
79-01-6	Trichloroethylene	8.28	1.1	U	
75-69-4	Trichlorofluoromethane (Freon 11)	8.28	4.7	U	
108-05-4	Vinyl acetate	8.28	2.9	U	
593-60-2	Vinyl bromide	8.28	3.6	U	
75-01-4	Vinyl Chloride	8.28	1.1	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	236304	12.213	293899	12.226	
ISTD: 1,4-Difluorobenzene	511745	13.798	657628	13.805	
ISTD: d5-Chlorobenzene	393736	19.06	548275	19.06	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-20 File ID: TO296900.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/05/23 17:52

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30328 Sequence: S3A0927 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	48	33	U	
71-55-6	1,1,1-Trichloroethane	48	26	U	
79-34-5	1,1,2,2-Tetrachloroethane	48	33	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48	37	U	
79-00-5	1,1,2-Trichloroethane	48	26	U	
75-34-3	1,1-Dichloroethane	48	19	U	
75-35-4	1,1-Dichloroethylene	48	4.8	U	
120-82-1	1,2,4-Trichlorobenzene	48	71	U	
95-63-6	1,2,4-Trimethylbenzene	48	24	U	
106-93-4	1,2-Dibromoethane	48	37	U	
95-50-1	1,2-Dichlorobenzene	48	29	U	
107-06-2	1,2-Dichloroethane	48	19	U	
78-87-5	1,2-Dichloropropane	48	22	U	
76-14-2	1,2-Dichlorotetrafluoroethane	48	34	U	
108-67-8	1,3,5-Trimethylbenzene	48	24	U	
106-99-0	1,3-Butadiene	48	32	U	
541-73-1	1,3-Dichlorobenzene	48	29	U	
142-28-9	1,3-Dichloropropane	48	22	U	
106-46-7	1,4-Dichlorobenzene	48	29	U	
123-91-1	1,4-Dioxane	48	35	U	
78-93-3	2-Butanone	48	2900	D	
591-78-6	2-Hexanone	48	39	U	
107-05-1	3-Chloropropene	48	75	U	
108-10-1	4-Methyl-2-pentanone	48	20	U	
107-13-1	Acrylonitrile	48	10	U	
71-43-2	Benzene	48	15	U	
100-44-7	Benzyl chloride	48	50	U	
75-27-4	Bromodichloromethane	48	32	U	
75-25-2	Bromoform	48	50	U	
74-83-9	Bromomethane	48	19	U	UJ
75-15-0	Carbon disulfide	48	15	U	
56-23-5	Carbon tetrachloride	48	7.5	U	
108-90-7	Chlorobenzene	48	22	U	
75-00-3	Chloroethane	48	13	U	UJ
67-66-3	Chloroform	48	23	U	
74-87-3	Chloromethane	48	9.9	U	
156-59-2	cis-1,2-Dichloroethylene	48	4.8	U	
10061-01-5	cis-1,3-Dichloropropylene	48	22	U	
110-82-7	Cyclohexane	48	17	U	
124-48-1	Dibromochloromethane	48	41	U	

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ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1391

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 22L1391-20 File ID: TO296900.D

Sampled: 12/28/22 15:00 Prepared: 01/03/23 08:00 Analyzed: 01/05/23 17:52

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30328 Sequence: S3A0927 Calibration: SL20049 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	48	24	U	
141-78-6	Ethyl acetate	48	35	U	
100-41-4	Ethyl Benzene	48	21	U	
87-68-3	Hexachlorobutadiene	48	51	U	UJ
67-63-0	Isopropanol	48	24	U	
80-62-6	Methyl Methacrylate	48	20	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	48	17	U	
75-09-2	Methylene chloride	48	33	U	
142-82-5	n-Heptane	48	330	D	
110-54-3	n-Hexane	48	17	U	
95-47-6	o-Xylene	48	21	U	
179601-23-1	p- & m- Xylenes	48	42	U	
622-96-8	p-Ethyltoluene	48	24	U	
115-07-1	Propylene	48	8.3	U	
100-42-5	Styrene	48	20	U	
127-18-4	Tetrachloroethylene	48	33	U	
108-88-3	Toluene	48	20	D	
156-60-5	trans-1,2-Dichloroethylene	48	19	U	
10061-02-6	trans-1,3-Dichloropropylene	48	22	U	
79-01-6	Trichloroethylene	48	6.4	U	
75-69-4	Trichlorofluoromethane (Freon 11)	48	27	U	
108-05-4	Vinyl acetate	48	17	U	
593-60-2	Vinyl bromide	48	21	U	
75-01-4	Vinyl Chloride	48	6.1	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	201569	12.23	203779	12.224	
ISTD: 1,4-Difluorobenzene	619647	13.781	656094	13.775	
ISTD: d5-Chlorobenzene	478354	19.01	644717	19.01	

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-20RE1	File ID:	TO296891.D
Sampled:	12/28/22 15:00	Prepared:	01/03/23 08:00	Analyzed:	01/05/23 08:56
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30326	Sequence:	S3A0924	Calibration:	SL20049
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
67-64-1	Acetone	95.9	4600	D
109-99-9	Tetrahydrofuran	95.9	7500	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	205655	12.23	232811	12.224	
ISTD: 1,4-Difluorobenzene	657155	13.781	754368	13.775	
ISTD: d5-Chlorobenzene	514075	19.017	776114	19.01	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1391

CLASS: GC

METHOD: GC/FID

DATA PACKAGE COVER PAGE

GC/FID

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1391
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SG-1	22L1391-01
IA-1	22L1391-02
SG-2	22L1391-03
IA-2	22L1391-04
SG-3	22L1391-05
IA-3	22L1391-06
SG-4	22L1391-07
IA-4	22L1391-08
SG-5	22L1391-09
IA-5	22L1391-10
SG-6	22L1391-11
IA-6	22L1391-12
SG-7	22L1391-13
IA-7	22L1391-14
SG-8	22L1391-15
IA-8	22L1391-16
SG-9	22L1391-17
IA-9	22L1391-18
SG-10	22L1391-19
IA-10	22L1391-20

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/11/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-01	File ID:	GC620079.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:51
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.76	20.0	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-02	File ID:	GC620080.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:56
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.83	20.8	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-03	File ID:	GC620081.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 11:58
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.36	13.6	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-04	File ID:	GC620082.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:02
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.9	19.0	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-05	File ID:	GC620083.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:05
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.67	16.7	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-06	File ID:	GC620093.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:38
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.75	27.5	D

J

* Values outside of QC limits

MKP 3/21/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-07	File ID:	GC620086.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:15
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.77	17.7	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-08	File ID:	GC620087.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:18
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.71	18.0	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-09	File ID:	GC620088.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:21
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.67	16.7	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-10	File ID:	GC620089.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:24
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.67	17.7	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-11	File ID:	GC620090.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:27
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.79	7960	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-12	File ID:	GC620091.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:30
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	2.08	42.1	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-13	File ID:	GC620092.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:47	Analyzed:	01/07/23 12:33
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30286	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	2.03	32.2	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-14	File ID:	GC620096.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:50	Analyzed:	01/07/23 12:54
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30287	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.92	19.2	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-15	File ID:	GC620098.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:50	Analyzed:	01/07/23 12:59
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30287	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.55	29.4	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-16	File ID:	GC620099.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:50	Analyzed:	01/07/23 13:02
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30287	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.74	17.4	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-17	File ID:	GC620100.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:50	Analyzed:	01/07/23 13:05
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30287	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.77	17.7	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-18	File ID:	GC620101.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:50	Analyzed:	01/07/23 13:08
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30287	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	5.03	50.3	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	22L1391-19	File ID:	GC620102.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:50	Analyzed:	01/07/23 13:11
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30287	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	2.07	20.7	U

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	22L1391-20	File ID:	GC620103.D
Sampled:	12/28/22 15:00	Prepared:	01/07/23 09:50	Analyzed:	01/07/23 13:15
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30287	Sequence:	S3A0701	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.8	18.0	U

* Values outside of QC limits

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air		
Batch:	BA30076	Laboratory ID:	BA30076-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	9.06	90.6	70 - 130
Carbon disulfide	10.0	9.25	92.5	70 - 130
Carbon tetrachloride	10.0	10.3	103	70 - 130
Chlorobenzene	10.0	9.55	95.5	70 - 130
Chloroethane	10.0	9.41	94.1	70 - 130
Chloroform	10.0	9.60	96.0	70 - 130
Chloromethane	10.0	8.35	83.5	70 - 130
cis-1,2-Dichloroethylene	10.0	11.0	110	70 - 130
cis-1,3-Dichloropropylene	10.0	9.37	93.7	70 - 130
Cyclohexane	10.0	9.55	95.5	70 - 130
Dibromochloromethane	10.0	9.38	93.8	70 - 130
Dichlorodifluoromethane	10.0	10.3	103	70 - 130
Ethyl acetate	10.0	10.3	103	70 - 130
Ethyl Benzene	10.0	10.9	109	70 - 130
Hexachlorobutadiene	10.0	5.38	53.8 *	70 - 130
Isopropanol	10.0	8.13	81.3	70 - 130
Methyl Methacrylate	10.0	8.37	83.7	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	70 - 130
Methylene chloride	10.0	8.19	81.9	70 - 130
n-Heptane	10.0	8.53	85.3	70 - 130
n-Hexane	10.0	9.46	94.6	70 - 130
o-Xylene	10.0	8.48	84.8	70 - 130
p- & m- Xylenes	20.0	16.6	82.8	70 - 130
p-Ethyltoluene	10.0	8.79	87.9	70 - 130
Propylene	10.0	11.3	113	70 - 130
Styrene	10.0	8.05	80.5	70 - 130
Tetrachloroethylene	10.0	9.46	94.6	70 - 130
Tetrahydrofuran	10.0	10.5	105	70 - 130
Toluene	10.0	8.96	89.6	70 - 130
trans-1,2-Dichloroethylene	10.0	10.2	102	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air		
Batch:	BA30326	Laboratory ID:	BA30326-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	5.25	52.5 *	70 - 130
Carbon disulfide	10.0	9.62	96.2	70 - 130
Carbon tetrachloride	10.0	10.9	109	70 - 130
Chlorobenzene	10.0	9.90	99.0	70 - 130
Chloroethane	10.0	8.14	81.4	70 - 130
Chloroform	10.0	10.1	101	70 - 130
Chloromethane	10.0	8.29	82.9	70 - 130
cis-1,2-Dichloroethylene	10.0	11.3	113	70 - 130
cis-1,3-Dichloropropylene	10.0	9.37	93.7	70 - 130
Cyclohexane	10.0	9.85	98.5	70 - 130
Dibromochloromethane	10.0	9.62	96.2	70 - 130
Dichlorodifluoromethane	10.0	10.6	106	70 - 130
Ethyl acetate	10.0	10.8	108	70 - 130
Ethyl Benzene	10.0	11.3	113	70 - 130
Hexachlorobutadiene	10.0	6.07	60.7 *	70 - 130
Isopropanol	10.0	8.47	84.7	70 - 130
Methyl Methacrylate	10.0	8.54	85.4	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.6	116	70 - 130
Methylene chloride	10.0	8.32	83.2	70 - 130
n-Heptane	10.0	8.87	88.7	70 - 130
n-Hexane	10.0	9.76	97.6	70 - 130
o-Xylene	10.0	8.73	87.3	70 - 130
p- & m- Xylenes	20.0	17.0	85.0	70 - 130
p-Ethyltoluene	10.0	9.12	91.2	70 - 130
Propylene	10.0	11.4	114	70 - 130
Styrene	10.0	8.35	83.5	70 - 130
Tetrachloroethylene	10.0	9.80	98.0	70 - 130
Tetrahydrofuran	10.0	11.0	110	70 - 130
Toluene	10.0	9.19	91.9	70 - 130
trans-1,2-Dichloroethylene	10.0	10.5	105	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air		
Batch:	BA30328	Laboratory ID:	BA30328-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #		QC LIMITS REC.
Bromomethane	10.0	4.78	47.8	*	70 - 130
Carbon disulfide	10.0	9.25	92.5		70 - 130
Carbon tetrachloride	10.0	10.8	108		70 - 130
Chlorobenzene	10.0	9.20	92.0		70 - 130
Chloroethane	10.0	7.52	75.2		70 - 130
Chloroform	10.0	9.94	99.4		70 - 130
Chloromethane	10.0	10.7	107		70 - 130
cis-1,2-Dichloroethylene	10.0	11.0	110		70 - 130
cis-1,3-Dichloropropylene	10.0	9.75	97.5		70 - 130
Cyclohexane	10.0	9.40	94.0		70 - 130
Dibromochloromethane	10.0	9.86	98.6		70 - 130
Dichlorodifluoromethane	10.0	10.4	104		70 - 130
Ethyl acetate	10.0	10.5	105		70 - 130
Ethyl Benzene	10.0	10.6	106		70 - 130
Hexachlorobutadiene	10.0	5.92	59.2	*	70 - 130
Isopropanol	10.0	8.15	81.5		70 - 130
Methyl Methacrylate	10.0	8.62	86.2		70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.1	111		70 - 130
Methylene chloride	10.0	8.40	84.0		70 - 130
n-Heptane	10.0	9.19	91.9		70 - 130
n-Hexane	10.0	9.27	92.7		70 - 130
o-Xylene	10.0	8.94	89.4		70 - 130
p- & m- Xylenes	20.0	17.7	88.6		70 - 130
p-Ethyltoluene	10.0	9.14	91.4		70 - 130
Propylene	10.0	10.7	107		70 - 130
Styrene	10.0	8.52	85.2		70 - 130
Tetrachloroethylene	10.0	10.2	102		70 - 130
Tetrahydrofuran	10.0	10.6	106		70 - 130
Toluene	10.0	9.21	92.1		70 - 130
trans-1,2-Dichloroethylene	10.0	10.3	103		70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air		
Batch:	BL21788	Laboratory ID:	BL21788-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #		QC LIMITS REC.
Bromomethane	10.0	11.0	110		70 - 130
Carbon disulfide	10.0	9.36	93.6		70 - 130
Carbon tetrachloride	10.0	11.2	112		70 - 130
Chlorobenzene	10.0	9.92	99.2		70 - 130
Chloroethane	10.0	10.2	102		70 - 130
Chloroform	10.0	10.0	100		70 - 130
Chloromethane	10.0	10.5	105		70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109		70 - 130
cis-1,3-Dichloropropylene	10.0	8.96	89.6		70 - 130
Cyclohexane	10.0	9.47	94.7		70 - 130
Dibromochloromethane	10.0	10.1	101		70 - 130
Dichlorodifluoromethane	10.0	11.8	118		70 - 130
Ethyl acetate	10.0	10.2	102		70 - 130
Ethyl Benzene	10.0	11.2	112		70 - 130
Hexachlorobutadiene	10.0	6.18	61.8	*	70 - 130
Isopropanol	10.0	8.34	83.4		70 - 130
Methyl Methacrylate	10.0	8.49	84.9		70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.4	114		70 - 130
Methylene chloride	10.0	8.34	83.4		70 - 130
n-Heptane	10.0	9.25	92.5		70 - 130
n-Hexane	10.0	9.78	97.8		70 - 130
o-Xylene	10.0	8.81	88.1		70 - 130
p- & m- Xylenes	20.0	17.3	86.4		70 - 130
p-Ethyltoluene	10.0	9.26	92.6		70 - 130
Propylene	10.0	12.3	123		70 - 130
Styrene	10.0	8.57	85.7		70 - 130
Tetrachloroethylene	10.0	10.3	103		70 - 130
Tetrahydrofuran	10.0	10.5	105		70 - 130
Toluene	10.0	9.28	92.8		70 - 130
trans-1,2-Dichloroethylene	10.0	10.3	103		70 - 130

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30036-BLK1	File ID:	TQ223325.D
Prepared:	01/03/23 11:34	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/03/23 21:50	Instrument:	TO15_AIR2		
Batch:	BA30036	Sequence:	S3A0516	Calibration:	SL20033

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30076-BLK1	File ID:	TO296862.D
Prepared:	01/03/23 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/03/23 15:56	Instrument:	5975C		
Batch:	BA30076	Sequence:	S3A0910	Calibration:	SL20049

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	J
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30326-BLK1	File ID:	TO296884.D
Prepared:	01/03/23 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/04/23 15:08	Instrument:	5975C		
Batch:	BA30326	Sequence:	S3A0924	Calibration:	SL20049

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.69	U
71-55-6	1,1,1-Trichloroethane	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.77	U
79-00-5	1,1,2-Trichloroethane	0.55	U
75-34-3	1,1-Dichloroethane	0.40	U
75-35-4	1,1-Dichloroethylene	0.099	U
120-82-1	1,2,4-Trichlorobenzene	0.74	U
95-63-6	1,2,4-Trimethylbenzene	0.49	U
106-93-4	1,2-Dibromoethane	0.77	U
95-50-1	1,2-Dichlorobenzene	0.60	U
107-06-2	1,2-Dichloroethane	0.40	U
78-87-5	1,2-Dichloropropane	0.46	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.70	U
108-67-8	1,3,5-Trimethylbenzene	0.49	U
106-99-0	1,3-Butadiene	0.66	U
541-73-1	1,3-Dichlorobenzene	0.60	U
142-28-9	1,3-Dichloropropane	0.46	U
106-46-7	1,4-Dichlorobenzene	0.60	U
123-91-1	1,4-Dioxane	0.72	U
78-93-3	2-Butanone	0.29	U
591-78-6	2-Hexanone	0.82	U
107-05-1	3-Chloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	0.41	U
67-64-1	Acetone	0.48	J
107-13-1	Acrylonitrile	0.22	U
71-43-2	Benzene	0.32	U
100-44-7	Benzyl chloride	0.52	U
75-27-4	Bromodichloromethane	0.67	U
75-25-2	Bromoform	1.0	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30326-BLK1	File ID:	TO296884.D
Prepared:	01/03/23 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/04/23 15:08	Instrument:	5975C		
Batch:	BA30326	Sequence:	S3A0924	Calibration:	SL20049

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30328-BLK1	File ID:	TO296897.D
Prepared:	01/03/23 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/05/23 14:59	Instrument:	5975C		
Batch:	BA30328	Sequence:	S3A0927	Calibration:	SL20049

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BL21788-BLK1	File ID:	TO296832.D
Prepared:	12/31/22 15:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	12/31/22 19:19	Instrument:	5975C		
Batch:	BL21788	Sequence:	S2L3101	Calibration:	SL20049

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1391
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BL21789-BLK1	File ID:	TQ223292.D
Prepared:	12/31/22 15:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/01/23 13:32	Instrument:	TO15_AIR2		
Batch:	BL21789	Sequence:	S2L3102	Calibration:	SL20033

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford

Client: DT Consulting Services

Calibration: SL20049

SDG: 22L1391

Project: C314132 Willow Brook Rentals LLC

Instrument: 5975C

Calibration Date: 12/29/22 17:04

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Carbon disulfide	2.012925	12.7588	9.64625	2.983829E-02			30	
Carbon tetrachloride	1.673781	26.80397	13.1908	1.003644E-02			30	
Chlorobenzene	0.8696519	15.07752	19.07975	2.006039E-02			30	
Chloroethane	0.4371571	6.000408	7.11975	3.018944E-02			30	
Chloroform	1.656252	12.97566	11.998	2.989814E-02			30	
Chloromethane	0.9407384	17.93468	5.8275	5.005027E-02			30	
cis-1,2-Dichloroethylene	0.8708425	23.18456	11.72933	2.255221E-02			30	
cis-1,3-Dichloropropylene	0.336287	39.69899	15.878	0.0173198		0.999593	0.99	
Cyclohexane	0.9132903	36.9764	12.90025	1.709301E-03		0.9997889	0.99	
Dibromochloromethane	0.6540194	42.68793	17.91263	1.916994E-02		0.999976	0.99	
Dichlorodifluoromethane	2.167836	9.044552	5.34875	5.957061E-02			30	
Ethanol	0.5621299	60.59236	7.2605	0.1434883		0.9994369	0.99	
Ethyl acetate	1.635987	19.52221	11.64513	8.181184E-02			30	
Ethyl Benzene	1.175469	24.72141	19.184	1.595432E-02			30	
Hexachlorobutadiene	0.7673915	52.51275	27.3955	1.125547E-02		0.9892706	0.99	*
Isopropanol	1.59675	23.87904	8.18475	0.1548754			30	
Isopropylbenzene	1.265947	43.05842	20.76225	6.385777E-03		0.9995241	0.99	
Methyl Methacrylate	0.2318688	51.15791	14.6475	3.604001E-02		0.9987603	0.99	
Methyl tert-butyl ether (MTBE)	1.588681	27.50245	9.90975	0.1036518			30	
Methylene chloride	0.9744085	23.07224	9.505625	4.996401E-02			30	
Naphthalene	0.9418291	69.48227	27.52114	3.673099E-02		0.9981279	0.99	
n-Butylbenzene	1.201825	50.85144	24.12425	8.617072E-03		0.9980561	0.99	
n-Heptane	1.262575	37.86675	13.3985	1.924654E-02		0.9991989	0.99	
n-Hexane	0.9392172	30.63178	10.3775	2.868873E-02		0.9997659	0.99	
n-Propylbenzene	1.557222	31.64874	21.5305	6.127317E-03		0.9993731	0.99	
o-Xylene	0.9033028	42.55819	20.11225	0.020706		0.9982069	0.99	
p- & m- Xylenes	0.9661419	32.38072	19.33	2.029925E-02		0.997843	0.99	
p-Ethyltoluene	1.239736	44.57324	21.75425	1.692122E-02		0.999706	0.99	
p-Isopropyltoluene	1.366507	53.73999	23.3325	0.002387		0.998638	0.99	
Propylene	0.3677055	16.52296	5.2785	8.180834E-02			30	
sec-Butylbenzene	1.636262	46.16021	23.06712	2.304106E-02		0.998944	0.99	
Styrene	0.7264308	53.86308	20.1285	1.600857E-02		0.9979003	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1391
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20049
Laboratory ID: S2L3046-SCV1
Sequence: S2L3046
Standard ID: S22L080

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Benzyl chloride	10.0	8.43	-15.7	30.00
Bromodichloromethane	10.0	10.1	1.2	30.00
Bromoform	10.0	8.98	-10.2	30.00
Bromomethane	10.0	8.19	-18.1	30.00
Carbon disulfide	10.0	9.47	-5.3	30.00
Carbon tetrachloride	10.0	10.4	3.5	30.00
Chlorobenzene	10.0	9.79	-2.1	30.00
Chloroethane	10.0	9.52	-4.8	30.00
Chloroform	10.0	9.70	-3.0	30.00
Chloromethane	10.0	7.98	-20.2	30.00
cis-1,2-Dichloroethylene	10.0	11.0	10.5	30.00
cis-1,3-Dichloropropylene	10.0	9.68	-3.2	30.00
Cyclohexane	10.0	9.61	-3.9	30.00
Dibromochloromethane	10.0	9.40	-6.0	30.00
Dichlorodifluoromethane	10.0	9.91	-0.9	30.00
Ethyl acetate	10.0	10.5	5.2	30.00
Ethyl Benzene	10.0	11.2	12.0	30.00
Hexachlorobutadiene	10.0	5.78	-42.2 *	30.00
Isopropanol	10.0	8.38	-16.2	30.00
Methyl Methacrylate	10.0	8.41	-15.9	30.00
Methyl tert-butyl ether (MTBE)	10.0	11.1	11.4	30.00
Methylene chloride	10.0	8.35	-16.5	30.00
n-Heptane	10.0	8.69	-13.1	30.00
n-Hexane	10.0	9.52	-4.8	30.00
o-Xylene	10.0	8.71	-12.9	30.00
p- & m- Xylenes	20.0	17.0	-14.8	30.00
p-Ethyltoluene	10.0	9.00	-10.0	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SL20049
Lab File ID:	TO296830.D	Calibration Date:	12/29/22 17:04
Sequence:	S2L3101	Injection Date:	12/31/22
Lab Sample ID:	S2L3101-CCV1	Injection Time:	17:38

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	10.0	9.07	0.6630328	0.6873854		-9.3	30	
Bromomethane	A	10.0	9.96	1.941825	1.502637		-0.4	30	
Carbon disulfide	A	10.0	9.42	2.012925	1.896801		-5.8	30	
Carbon tetrachloride	A	10.0	10.2	1.673781	1.707523		2.0	30	
Chlorobenzene	A	10.0	8.94	0.8696519	0.7773396		-10.6	30	
Chloroethane	A	10.0	8.62	0.4371571	0.3769031		-13.8	30	
Chloroform	A	10.0	9.33	1.656252	1.545578		-6.7	30	
Chloromethane	A	10.0	9.78	0.9407384	0.9197903		-2.2	30	
cis-1,2-Dichloroethylene	A	10.0	10.1	0.8708425	0.8534528		-2.0	30	
cis-1,3-Dichloropropylene	A	10.0	8.54	0.336287	0.337125		-14.6	30	
Cyclohexane	A	10.0	8.58	0.9132903	0.9203145		-14.2	30	
Dibromochloromethane	A	10.0	9.58	0.6540194	0.65281		-4.2	30	
Dichlorodifluoromethane	A	10.0	9.20	2.167836	1.994543		-8.0	30	
Ethyl acetate	A	10.0	9.54	1.635987	1.560892		-4.6	30	
Ethyl Benzene	A	10.0	10.1	1.175469	1.18353		0.7	30	
Hexachlorobutadiene	A	10.0	6.28	0.7673915	0.6962021		-37.2	30	*
Isopropanol	A	10.0	7.62	1.59675	1.216273		-23.8	30	
Methyl Methacrylate	A	10.0	7.92	0.2318688	0.2509689		-20.8	30	
Methyl tert-butyl ether (MTBE)	A	10.0	10.5	1.588681	1.661213		4.6	30	
Methylene chloride	A	10.0	7.78	0.9744085	0.7581635		-22.2	30	
n-Heptane	A	10.0	8.54	1.262575	1.466731		-14.6	30	
n-Hexane	A	10.0	8.93	0.9392172	0.9593944		-10.7	30	
o-Xylene	A	10.0	8.23	0.9033028	1.033696		-17.7	30	
p- & m- Xylenes	A	20.0	16.2	0.9661419	1.076614		-19.0	30	
p-Ethyltoluene	A	10.0	8.83	1.239736	1.424538		-11.7	30	
Propylene	A	10.0	9.22	0.3677055	0.3390588		-7.8	30	
Styrene	A	10.0	8.16	0.7264308	0.8640116		-18.4	30	
Tetrachloroethylene	A	10.0	9.80	0.5491073	0.5438196		-2.0	30	
Tetrahydrofuran	A	10.0	9.62	0.7622259	0.7329511		-3.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	TO15_AIR2	Calibration:	SL20033
Lab File ID:	TQ223322.D	Calibration Date:	12/08/22 03:23
Sequence:	S3A0516	Injection Date:	01/03/23
Lab Sample ID:	S3A0516-CCV1	Injection Time:	18:09

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.16	0.5603469	0.5131658		-8.4	30	
1,1,1-Trichloroethane	A	10.0	11.9	1.125676	1.130817		18.6	30	
1,1,2,2-Tetrachloroethane	A	10.0	10.2	1.168251	0.9279996		1.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.8	1.29077	1.248681		17.5	30	
1,1,2-Trichloroethane	A	10.0	8.50	0.4555278	0.3870562		-15.0	30	
1,1-Dichloroethane	A	10.0	11.5	1.367265	1.280307		14.7	30	
1,1-Dichloroethylene	A	10.0	11.7	1.88071	1.058721		16.8	30	
1,2,4-Trichlorobenzene	A	10.0	5.44	0.2052492	0.1113438		-45.6	30	*
1,2,4-Trimethylbenzene	A	10.0	8.10	1.438621	1.165959		-19.0	30	
1,2-Dibromoethane	A	10.0	9.23	0.5969841	0.5512189		-7.7	30	
1,2-Dichlorobenzene	A	10.0	8.43	0.8251087	0.6955615		-15.7	30	
1,2-Dichloroethane	A	10.0	11.5	0.8450808	0.8062566		15.0	30	
1,2-Dichloropropane	A	10.0	9.85	0.492807	0.3911558		-1.5	30	
1,2-Dichlorotetrafluoroethane	A	10.0	10.4	1.984629	1.740278		4.0	30	
1,3,5-Trimethylbenzene	A	10.0	8.11	1.519604	1.232321		-18.9	30	
1,3-Butadiene	A	10.0	9.58	0.7814433	0.6100667		-4.2	30	
1,3-Dichlorobenzene	A	10.0	8.63	0.8144122	0.7028936		-13.7	30	
1,3-Dichloropropane	A	10.0	8.39	0.6433004	0.5396805		-16.1	30	
1,4-Dichlorobenzene	A	10.0	8.35	0.8114399	0.6777238		-16.5	30	
1,4-Dioxane	A	10.0	9.97	0.2405894	0.2033718		-0.3	30	
2-Butanone	A	10.0	10.6	2.119504	1.859945		6.0	30	
2-Hexanone	A	10.0	7.98	1.100708	0.8782123		-20.2	30	
3-Chloropropene	A	10.0	9.10	1.170188	1.065039		-9.0	30	
4-Methyl-2-pentanone	A	10.0	8.13	1.23598	1.00453		-18.7	30	
Acetone	A	10.0	11.0	1.594225	1.257725		9.9	30	
Acrylonitrile	A	10.0	8.94	0.6716149	0.6002674		-10.6	30	
Benzene	A	10.0	11.0	2.365618	2.122134		9.8	30	
Benzyl chloride	A	10.0	9.11	0.814674	0.8425115		-8.9	30	
Bromodichloromethane	A	10.0	9.33	0.5946176	0.5547468		-6.7	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SL20049
Lab File ID:	TO296857.D	Calibration Date:	12/29/22 17:04
Sequence:	S3A0910	Injection Date:	01/03/23
Lab Sample ID:	S3A0910-CCV1	Injection Time:	09:55

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.22	0.5216685	0.4808535		-7.8	30	
1,1,1-Trichloroethane	A	10.0	9.49	1.638256	1.554731		-5.1	30	
1,1,2,2-Tetrachloroethane	A	10.0	9.26	0.7745402	0.7170738		-7.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.64	1.745066	1.50717		-13.6	30	
1,1,2-Trichloroethane	A	10.0	8.89	0.3686366	0.3791933		-11.1	30	
1,1-Dichloroethane	A	10.0	9.06	1.308176	1.184952		-9.4	30	
1,1-Dichloroethylene	A	10.0	9.59	1.027039	0.9845292		-4.1	30	
1,2,4-Trichlorobenzene	A	10.0	7.95	0.4598749	0.3365056		-20.5	30	
1,2,4-Trimethylbenzene	A	10.0	8.61	1.03397	1.171548		-13.9	30	
1,2-Dibromoethane	A	10.0	8.95	0.5072253	0.5007935		-10.5	30	
1,2-Dichlorobenzene	A	10.0	8.29	0.7909647	0.7949087		-17.1	30	
1,2-Dichloroethane	A	10.0	9.68	0.9513546	0.9209251		-3.2	30	
1,2-Dichloropropane	A	10.0	9.89	0.2744168	0.2714299		-1.1	30	
1,2-Dichlorotetrafluoroethane	A	10.0	6.54	4.269002	2.790163		-34.6	30	*
1,3,5-Trimethylbenzene	A	10.0	8.37	1.035941	1.119843		-16.3	30	
1,3-Butadiene	A	10.0	9.57	0.8249827	0.789533		-4.3	30	
1,3-Dichlorobenzene	A	10.0	8.46	0.7791336	0.8099699		-15.4	30	
1,3-Dichloropropane	A	10.0	10.1	0.4001797	0.4024381		0.6	30	
1,4-Dichlorobenzene	A	10.0	8.29	0.7501272	0.7889911		-17.1	30	
1,4-Dioxane	A	10.0	8.92	0.1531838	0.1508877		-10.8	30	
2-Butanone	A	10.0	9.47	1.415281	1.33966		-5.3	30	
2-Hexanone	A	10.0	8.60	0.5120418	0.6550988		-14.0	30	
3-Chloropropene	A	10.0	9.81	0.7166251	0.702935		-1.9	30	
4-Methyl-2-pentanone	A	10.0	8.69	0.5262823	0.5751518		-13.1	30	
Acetone	A	10.0	8.04	1.189684	0.9562294		-19.6	30	
Acrylonitrile	A	10.0	9.25	0.4659367	0.431166		-7.5	30	
Benzene	A	10.0	10.0	2.451565	2.456274		0.2	30	
Benzyl chloride	A	10.0	8.21	0.2031933	0.2025958		-17.9	30	
Bromodichloromethane	A	10.0	9.77	0.5659835	0.5531702		-2.3	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SL20049
Lab File ID:	TO296857.D	Calibration Date:	12/29/22 17:04
Sequence:	S3A0910	Injection Date:	01/03/23
Lab Sample ID:	S3A0910-CCV1	Injection Time:	09:55

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	10.0	8.61	0.6630328	0.6498449		-13.9	30	
Bromomethane	A	10.0	3.90	1.941825	0.6069142		-61.0	30	*
Carbon disulfide	A	10.0	8.66	2.012925	1.742598		-13.4	30	
Carbon tetrachloride	A	10.0	9.99	1.673781	1.672262		-0.09	30	
Chlorobenzene	A	10.0	9.00	0.8696519	0.7830842		-10.0	30	
Chloroethane	A	10.0	6.44	0.4371571	0.281326		-35.6	30	*
Chloroform	A	10.0	9.14	1.656252	1.514304		-8.6	30	
Chloromethane	A	10.0	10.2	0.9407384	0.964271		2.5	30	
cis-1,2-Dichloroethylene	A	10.0	10.0	0.8708425	0.842999		-3.2	30	
cis-1,3-Dichloropropylene	A	10.0	8.97	0.336287	0.3555851		-10.3	30	
Cyclohexane	A	10.0	8.90	0.9132903	0.9566094		-11.0	30	
Dibromochloromethane	A	10.0	9.58	0.6540194	0.6528087		-4.2	30	
Dichlorodifluoromethane	A	10.0	8.10	2.167836	1.757013		-19.0	30	
Ethyl acetate	A	10.0	9.55	1.635987	1.563036		-4.5	30	
Ethyl Benzene	A	10.0	10.2	1.175469	1.197995		1.9	30	
Hexachlorobutadiene	A	10.0	5.79	0.7673915	0.6407359		-42.1	30	*
Isopropanol	A	10.0	7.14	1.59675	1.139452		-28.6	30	
Methyl Methacrylate	A	10.0	8.12	0.2318688	0.2576002		-18.8	30	
Methyl tert-butyl ether (MTBE)	A	10.0	10.1	1.588681	1.600781		0.8	30	
Methylene chloride	A	10.0	7.57	0.9744085	0.737247		-24.3	30	
n-Heptane	A	10.0	8.68	1.262575	1.490354		-13.2	30	
n-Hexane	A	10.0	8.68	0.9392172	0.9308486		-13.2	30	
o-Xylene	A	10.0	8.18	0.9033028	1.027852		-18.2	30	
p- & m- Xylenes	A	20.0	16.1	0.9661419	1.071147		-19.4	30	
p-Ethyltoluene	A	10.0	8.62	1.239736	1.390045		-13.8	30	
Propylene	A	10.0	8.43	0.3677055	0.3099834		-15.7	30	
Styrene	A	10.0	7.85	0.7264308	0.831082		-21.5	30	
Tetrachloroethylene	A	10.0	9.72	0.5491073	0.5386714		-2.8	30	
Tetrahydrofuran	A	10.0	9.95	0.7622259	0.7583277		-0.5	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SL20049
Lab File ID:	TO296880.D	Calibration Date:	12/29/22 17:04
Sequence:	S3A0924	Injection Date:	01/04/23
Lab Sample ID:	S3A0924-CCV1	Injection Time:	11:27

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	10.0	9.09	0.6630328	0.6891449		-9.1	30	
Bromomethane	A	10.0	4.60	1.941825	0.7133812		-54.0	30	*
Carbon disulfide	A	10.0	9.06	2.012925	1.822848		-9.4	30	
Carbon tetrachloride	A	10.0	10.5	1.673781	1.756489		4.9	30	
Chlorobenzene	A	10.0	8.91	0.8696519	0.774796		-10.9	30	
Chloroethane	A	10.0	6.93	0.4371571	0.3030613		-30.7	30	*
Chloroform	A	10.0	9.54	1.656252	1.580827		-4.6	30	
Chloromethane	A	10.0	9.66	0.9407384	0.908793		-3.4	30	
cis-1,2-Dichloroethylene	A	10.0	10.3	0.8708425	0.8668448		-0.5	30	
cis-1,3-Dichloropropylene	A	10.0	8.88	0.336287	0.3516666		-11.2	30	
Cyclohexane	A	10.0	8.96	0.9132903	0.9638849		-10.4	30	
Dibromochloromethane	A	10.0	9.50	0.6540194	0.646744		-5.0	30	
Dichlorodifluoromethane	A	10.0	9.01	2.167836	1.952584		-9.9	30	
Ethyl acetate	A	10.0	9.76	1.635987	1.596978		-2.4	30	
Ethyl Benzene	A	10.0	10.1	1.175469	1.18485		0.8	30	
Hexachlorobutadiene	A	10.0	5.82	0.7673915	0.6437044		-41.8	30	*
Isopropanol	A	10.0	7.48	1.59675	1.194016		-25.2	30	
Methyl Methacrylate	A	10.0	7.88	0.2318688	0.2497402		-21.2	30	
Methyl tert-butyl ether (MTBE)	A	10.0	10.5	1.588681	1.666644		4.9	30	
Methylene chloride	A	10.0	7.78	0.9744085	0.7578937		-22.2	30	
n-Heptane	A	10.0	8.30	1.262575	1.425165		-17.0	30	
n-Hexane	A	10.0	8.73	0.9392172	0.9363948		-12.7	30	
o-Xylene	A	10.0	8.43	0.9033028	1.058842		-15.7	30	
p- & m- Xylenes	A	20.0	16.7	0.9661419	1.109571		-16.4	30	
p-Ethyltoluene	A	10.0	8.97	1.239736	1.44809		-10.3	30	
Propylene	A	10.0	8.94	0.3677055	0.3285669		-10.6	30	
Styrene	A	10.0	8.19	0.7264308	0.8679601		-18.1	30	
Tetrachloroethylene	A	10.0	9.65	0.5491073	0.5343135		-3.5	30	
Tetrahydrofuran	A	10.0	10.0	0.7622259	0.7657198		0.5	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1391
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SL20049
Lab File ID:	TO296895.D	Calibration Date:	12/29/22 17:04
Sequence:	S3A0927	Injection Date:	01/05/23
Lab Sample ID:	S3A0927-CCV1	Injection Time:	12:20

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	10.0	8.93	0.6630328	0.6758206		-10.7	30
Bromomethane	A	10.0	4.38	1.941825	0.6800357		-56.2	30 *
Carbon disulfide	A	10.0	9.11	2.012925	1.834139		-8.9	30
Carbon tetrachloride	A	10.0	10.1	1.673781	1.685591		0.7	30
Chlorobenzene	A	10.0	8.91	0.8696519	0.774439		-10.9	30
Chloroethane	A	10.0	6.81	0.4371571	0.2977785		-31.9	30 *
Chloroform	A	10.0	9.25	1.656252	1.532783		-7.5	30
Chloromethane	A	10.0	9.16	0.9407384	0.8618111		-8.4	30
cis-1,2-Dichloroethylene	A	10.0	10.1	0.8708425	0.8486547		-2.5	30
cis-1,3-Dichloropropylene	A	10.0	8.71	0.336287	0.3443363		-12.9	30
Cyclohexane	A	10.0	8.73	0.9132903	0.9374371		-12.7	30
Dibromochloromethane	A	10.0	9.24	0.6540194	0.6261664		-7.6	30
Dichlorodifluoromethane	A	10.0	8.52	2.167836	1.846917		-14.8	30
Ethyl acetate	A	10.0	9.65	1.635987	1.579427		-3.5	30
Ethyl Benzene	A	10.0	10.3	1.175469	1.207154		2.7	30
Hexachlorobutadiene	A	10.0	5.93	0.7673915	0.6562104		-40.7	30 *
Isopropanol	A	10.0	7.42	1.59675	1.184018		-25.8	30
Methyl Methacrylate	A	10.0	7.79	0.2318688	0.2468412		-22.1	30
Methyl tert-butyl ether (MTBE)	A	10.0	10.0	1.588681	1.594585		0.4	30
Methylene chloride	A	10.0	7.69	0.9744085	0.7496356		-23.1	30
n-Heptane	A	10.0	8.14	1.262575	1.398191		-18.6	30
n-Hexane	A	10.0	8.63	0.9392172	0.9256449		-13.7	30
o-Xylene	A	10.0	8.74	0.9033028	1.097964		-12.6	30
p- & m- Xylenes	A	20.0	17.4	0.9661419	1.155577		-12.8	30
p-Ethyltoluene	A	10.0	8.93	1.239736	1.440969		-10.7	30
Propylene	A	10.0	8.61	0.3677055	0.3164212		-13.9	30
Styrene	A	10.0	8.42	0.7264308	0.8921558		-15.8	30
Tetrachloroethylene	A	10.0	9.24	0.5491073	0.5073328		-7.6	30
Tetrahydrofuran	A	10.0	9.91	0.7622259	0.7556372		-0.9	30

DUPLICATES

GC/FID

IA-3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1391
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Air
Laboratory ID: BA30286-DUP1
Batch: BA30286
Lab Source ID: 22L1391-06
Preparation: PREP for GASES by GC
Initial/Final: 40 mL / 40 mL
Source Sample Name: IA-3
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ppmv)	C	DUPLICATE CONCENTRATION (ppmv)	C	RPD %	Q	METHOD
Methane	20	27.5		35.3		25.0	*	GC/FID

* Values outside of QC limits

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals LLC
10-14 Tucker Dr.
Poughkeepsie, NY
Project # C314132

SDG: 22L1392
23 Soil Samples, Rinsate, Field and Trip Blanks

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 22L1392 – Willow Brook Rentals LLC

The data associated with this Sample Delivery Group (SDG) 22L1392, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/28/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals LLC 10-14 Tucker Dr., Poughkeepsie, NY Project #: C314132
SAMPLING DATE:	December 28, 2022
SAMPLE TYPE:	23 soil samples, Rinsate, Field and Trip Blanks
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	22L1392

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 23 soil samples, Rinsate and field and trip blanks collected on December 28, 2022. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, PFASs, Pesticides, PCBs, Metals, and TCN.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 22L1392. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-9. These tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 22L1392, twenty-six samples were analyzed and results were reported for 5981 analytes. Fifty results were rejected. Even though some results were flagged with a "J" as estimated, all other results (99.2 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All soil samples Rinsate Trip Blank	1,4-Dioxane	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect, they are rejected
Rinsate	TAA	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect , they are rejected
SB-6B SB-6C SB-7A SB-7B SB-7C SB-7C Dup	Ethanol	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect , they are rejected
SB-1A SB-1B SB-2A SB-2B SB-2C SB-3A	2-Butanone 2-Hexanone Acetone Dichlorodifluoromethane Trichlorofluoromethane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated
SB-3B SB-3C SB-4A SB-4B SB-4C SB-5A SB-5B SB-5C	DBCP 2-Butanone Acetone Acrolein TAA TBA Dichlorodifluoromethane Trichlorofluoromethane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated

SB-5D SB-6A				
SB-6B SB-6C SB-7A SB-7B SB-7C SB-7C Dup	2-Butanone 2-Hexanone Acetone Bromoform Dichlorodifluoromethane Trichlorofluoromethane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated
SB-1C	2-Butanone Acetone Chloromethane Dichlorodifluoromethane Trichlorofluoromethane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated
SB-7B	2-Butanone Acetone Dichlorodifluoromethane Iodomethane Trichlorofluoromehane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated
Rinsate	1,2-Dichloroehtane Acetone Acrolein Bromomethane Dichlorodifluoromethane Hexachlorobutadiene TBA trans-1,4-Dichloro-2-butene Trichlorofluoromehane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated
Trip Blank	1,2,4-Trichlorobenzene	UJ non-detects J detects	ICAL RF < 0.050	Data are estimated

Trip Blank	2-Hexanone Acetone Acrolein Bromomethane Iodomethane Dichlorodifluoromethane Tetrachloroethene Trichlorofluoromethane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated

Table 6-2 SVOCs – Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-4A SB-4B SB-4C SB-5A SB-5B SB-5C SB-5D SB-6A SB-6B SB-6C SB-7A SB-7B SB-7C SB-7C Dup	Benzoic acid	R non-detects J detects	LCS rec < 0 %	Since the results are non-detect, they are rejected

SB-1A SB-1B SB-1C SB-2A SB-2B SB-2C SB-3A SB-3B SB-3C	2,4-Dintrophenol 2-Nitrophenol 4,6-Dinitro-2-methylphenol Bis(2-ethylhexyl)phthalate	J detects UJ non-detects	ICAL % RSD and/or CCV % D > QC limits.	Data are estimated
SB-4A SB-4B SB-4C SB-5A SB-5B SB-5C SB-5D SB-6A SB-6B SB-6C SB-7A SB-7B SB-7C SB-7C Dup	2,4-Dintrophenol 4,6-Dinitro-2-methylphenol	J detects UJ non-detects	ICAL % RSD and/or ICV % D and/or CCV % D > QC limits.	Data are estimated

Table 6-3 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All soil samples	FOSA N-EtFOSE N-MeFOSE N-EtFOSA N-MeFOSA	J detects UJ non-detect	Surr rec < QC limit and/or IS area < QC limit	Data are estimated
All soil samples	FHpPA FPePA FPrPA NFDHA PFHxS	J detects UJ non-detects	LCS rec < QC limit and/or CCV < QC limit	Data are estimated
SB-7B	N-MeFOSA	J detects	Detected in MB	Data are estimated
Field Blank	PFBA	J detects UJ non-detect	Surr rec < QC limit and/or IS area < QC limit	Data are estimated
Field Blank	PFDoS	J detects UJ non-detects	LCS rec < QC limit	Data are estimated
Field Blank	FPePA PFNS FHpPA NFDHA	J detects UJ non-detects	CCV % D > QC limit	Data are estimated

Table 6-5 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-2A	4,4'-DDE	J	>25 % D between dual column analysis	Matrix interference suspected
SB-6B	g-Chlordane total-Chlordane	JN JN	>25 % D between dual column analysis	Matrix interference suspected
SB-7B	g-Chlordane total-Chlordane	JN J	>25 % D between dual column analysis	Matrix interference suspected

Table 6-6 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-2A	PCB 1242 PCB 1260	J J	>25 % D between dual column analysis	Matrix interference suspected
SB-7B	PCB 1248 PCB 1260	J J	>25 % D between dual column analysis	Matrix interference suspected

Table 6-7 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-1A SB-1B SB-1C SB-2A SB-2B	Se	J detects UJ non-detects	SRM rec < QC limit	Data are estimated

SB-2C SB-3A SB-3B SB-3C SB-4A SB-4B SB-4C SB-5A				
All soil samples	Sb	J- detects UJ non-detects	CCV < QC limit	Data are biased low
SB-5B SB-5C SB-5D SB-6A SB-6B SB-6C SB-7A SB-7B SB-7C SB-7C Dup	Cd and Pb	J- detects UJ non-detects	CCV < QC limit	Data are biased low

Table 6-8 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-9 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-7B	TCN	J detects	Dup % D > QC limit	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 03/11/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1392

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

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

Report Date: 03/11/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 22L1392

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 29, 2022 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1392-01	SB-1A	Soil	12/28/2022	12/29/2022
22L1392-02	SB-1B	Soil	12/28/2022	12/29/2022
22L1392-03	SB-1C	Soil	12/28/2022	12/29/2022
22L1392-04	SB-2A	Soil	12/28/2022	12/29/2022
22L1392-05	SB-2B	Soil	12/28/2022	12/29/2022
22L1392-06	SB-2C	Soil	12/28/2022	12/29/2022
22L1392-07	SB-3A	Soil	12/28/2022	12/29/2022
22L1392-08	SB-3B	Soil	12/28/2022	12/29/2022
22L1392-09	SB-3C	Soil	12/28/2022	12/29/2022
22L1392-10	SB-4A	Soil	12/28/2022	12/29/2022
22L1392-11	SB-4B	Soil	12/28/2022	12/29/2022
22L1392-12	SB-4C	Soil	12/28/2022	12/29/2022
22L1392-13	SB-5A	Soil	12/28/2022	12/29/2022
22L1392-14	SB-5B	Soil	12/28/2022	12/29/2022
22L1392-15	SB-5C	Soil	12/28/2022	12/29/2022
22L1392-16	SB-5D	Soil	12/28/2022	12/29/2022
22L1392-17	SB-6A	Soil	12/28/2022	12/29/2022
22L1392-18	SB-6B	Soil	12/28/2022	12/29/2022
22L1392-19	SB-6C	Soil	12/28/2022	12/29/2022
22L1392-20	SB-7A	Soil	12/28/2022	12/29/2022
22L1392-21	SB-7B	Soil	12/28/2022	12/29/2022

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L1392-22	SB-7C	Soil	12/28/2022	12/29/2022
22L1392-23	SB-7C Dup	Soil	12/28/2022	12/29/2022
22L1392-24	Rinsate	Water	12/28/2022	12/29/2022
22L1392-25	Field Blank	Water	12/28/2022	12/29/2022
22L1392-26	Trip Blank	Water	12/28/2022	12/29/2022

General Notes for York Project (SDG) No.: 22L1392

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

Approved By:

Date: 03/11/2023

Cassie L. Mosher
Laboratory Manager

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

Field Chain-of-Custody Record

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

YORK Project No. 224392

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same	C 314132	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-1A	S	12/28/22 0830 AM	VOCs (8260), SVOCs (8270),	(4) 40ml
SB-1B		0900 AM	TAL Metals (3050B/7473), pesticides	(2) 8oz
SB-1C		0915 AM	& PCBs (8081/8082), PFAS (1633)	(1) 4oz
SB-2A		1030 AM	cyanide & 1,4-dioxane	(1) 250ml
SB-2B		1047 AM		
SB-2C		1115 AM		
SB-3A		1205 AM		
SB-3B		1235 PM		
SB-3C		1259 PM		
SB-4A		120 PM		

Comments:
8:30

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

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Chris C York	12-29-22 8:30	Chris C York	12-29-22 1440
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				Nicole Sommo	12/29/22 1440 / 3.1 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22L1392

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-4B	S	12/28/22 1129 pm		
SB-4C		1138 pm		
SB-5A		315 pm		
SB-5B		329 pm		
SB-5C		343 pm		
SB-5D		359 pm		
SB-6A		425 pm		
SB-6B		442 pm		
SB-6C		459 pm		
SB-7A		214 pm		

Comments:

8:30

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Chris York	12-29-22 8:30	Chris York	12-29-22 1440
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	12/29/22 1440 3.1 Degrees C

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Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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YORK Project No. 22L1392

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: C314132

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

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

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-7B	S	12/28/22 2:38pm	VOCs (8260)	(3) 40ml
SB-7C	"	2:59pm	"	"
SB-7C Dup	"	3:01pm	"	"
Onsite	WW	5:30pm	"	"
Field Blank	O	5:35pm		
Trip Blank	O	5:42pm		

Comments: 8:30

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	12/29/22	Client York	12.29.22 8:30	Client York	12.29.22 1440
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	12/29/22 1440 3.1 Degrees C

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York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: VOA

METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23
Rinsate	22L1392-24
Trip Blank	22L1392-26

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/4/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID: V2617576.D

Sampled: 12/28/22 08:30 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:37

Solids: 95.08 Preparation: EPA 5035A Initial/Final: 5.34 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0049	U	
71-55-6	1,1,1-Trichloroethane	1	0.0049	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0049	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0049	U	
79-00-5	1,1,2-Trichloroethane	1	0.0049	U	
75-34-3	1,1-Dichloroethane	1	0.0049	U	
75-35-4	1,1-Dichloroethylene	1	0.0049	U	
563-58-6	1,1-Dichloropropylene	1	0.0049	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0049	U	
96-18-4	1,2,3-Trichloropropane	1	0.0049	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0049	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0049	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0049	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0049	U	
106-93-4	1,2-Dibromoethane	1	0.0049	U	
95-50-1	1,2-Dichlorobenzene	1	0.0049	U	
107-06-2	1,2-Dichloroethane	1	0.0049	U	
78-87-5	1,2-Dichloropropane	1	0.0049	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0049	U	
541-73-1	1,3-Dichlorobenzene	1	0.0049	U	
142-28-9	1,3-Dichloropropane	1	0.0049	U	
106-46-7	1,4-Dichlorobenzene	1	0.0049	U	
123-91-1	1,4-Dioxane	1	~~0.098~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0049	U	
78-93-3	2-Butanone	1	0.0049	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.020	U	
95-49-8	2-Chlorotoluene	1	0.0049	U	
591-78-6	2-Hexanone	1	0.0049	U	UJ
106-43-4	4-Chlorotoluene	1	0.0049	U	
108-10-1	4-Methyl-2-pentanone	1	0.0049	U	
67-64-1	Acetone	1	0.024		J
107-02-8	Acrolein	1	0.0098	U	
107-13-1	Acrylonitrile	1	0.0049	U	
71-43-2	Benzene	1	0.0049	U	
108-86-1	Bromobenzene	1	0.0049	U	
74-97-5	Bromochloromethane	1	0.0049	U	
75-27-4	Bromodichloromethane	1	0.0049	U	
75-25-2	Bromoform	1	0.0049	U	
74-83-9	Bromomethane	1	0.0049	U	
75-15-0	Carbon disulfide	1	0.0049	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID: V2617576.D

Sampled: 12/28/22 08:30 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:37

Solids: 95.08 Preparation: EPA 5035A Initial/Final: 5.34 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0049	U	
108-90-7	Chlorobenzene	1	0.0049	U	
75-00-3	Chloroethane	1	0.0049	U	
67-66-3	Chloroform	1	0.0049	U	
74-87-3	Chloromethane	1	0.0049	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0049	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0049	U	
110-82-7	Cyclohexane	1	0.0049	U	
124-48-1	Dibromochloromethane	1	0.0049	U	
74-95-3	Dibromomethane	1	0.0049	U	
75-71-8	Dichlorodifluoromethane	1	0.0049	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0079	U	
64-17-5	Ethanol	1	0.079	U	
100-41-4	Ethyl Benzene	1	0.0049	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0079	U	
87-68-3	Hexachlorobutadiene	1	0.0049	U	
74-88-4	Iodomethane	1	0.0049	U	
98-82-8	Isopropylbenzene	1	0.0049	U	
79-20-9	Methyl acetate	1	0.0049	U	
80-62-6	Methyl Methacrylate	1	0.0049	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0049	U	
108-87-2	Methylcyclohexane	1	0.0049	U	
75-09-2	Methylene chloride	1	0.0098	U	
91-20-3	Naphthalene	1	0.0098	U	
104-51-8	n-Butylbenzene	1	0.0049	U	
103-65-1	n-Propylbenzene	1	0.0049	U	
95-47-6	o-Xylene	1	0.0049	U	
179601-23-1	p- & m- Xylenes	1	0.0098	U	
105-05-5	p-Diethylbenzene	1	0.0049	U	
622-96-8	p-Ethyltoluene	1	0.0049	U	
99-87-6	p-Isopropyltoluene	1	0.0049	U	
135-98-8	sec-Butylbenzene	1	0.0049	U	
100-42-5	Styrene	1	0.0049	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.079	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0079	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0049	U	
98-06-6	tert-Butylbenzene	1	0.0049	U	
127-18-4	Tetrachloroethylene	1	0.0049	U	
109-99-9	Tetrahydrofuran	1	0.0098	U	
108-88-3	Toluene	1	0.0049	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-01 | File ID: V2617576.D

Sampled: 12/28/22 08:30 | Prepared: 12/30/22 09:00 | Analyzed: 12/30/22 12:37

Solids: 95.08 | Preparation: EPA 5035A | Initial/Final: 5.34 g / 5 ml

Batch: BL21749 | Sequence: S3A0311 | Calibration: SL20034 | Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0049	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0049	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0049	U	
79-01-6	Trichloroethylene	1	0.0049	U	
75-69-4	Trichlorofluoromethane	1	0.0049	U	UJ
108-05-4	Vinyl acetate	1	0.0049	U	
75-01-4	Vinyl Chloride	1	0.0049	U	
1330-20-7	Xylenes, Total	1	0.015	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.6	99.3	77 - 125	
SURR: Toluene-d8	50.0	48.9	97.8	85 - 120	
SURR: p-Bromofluorobenzene	50.0	53.6	107	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	170867	6.075	236806	6.072	
ISTD: Chlorobenzene-d5	563898	9.143	702909	9.143	
ISTD: 1,2-Dichlorobenzene-d4	232044	12.159	276746	12.162	

* Values outside of QC limits

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-02 File ID: V2617577.D

Sampled: 12/28/22 09:00 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:04

Solids: 79.27 Preparation: EPA 5035A Initial/Final: 4.53 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0070	U	
71-55-6	1,1,1-Trichloroethane	1	0.0070	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0070	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0070	U	
79-00-5	1,1,2-Trichloroethane	1	0.0070	U	
75-34-3	1,1-Dichloroethane	1	0.0070	U	
75-35-4	1,1-Dichloroethylene	1	0.0070	U	
563-58-6	1,1-Dichloropropylene	1	0.0070	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0070	U	
96-18-4	1,2,3-Trichloropropane	1	0.0070	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0070	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0070	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0070	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0070	U	
106-93-4	1,2-Dibromoethane	1	0.0070	U	
95-50-1	1,2-Dichlorobenzene	1	0.0070	U	
107-06-2	1,2-Dichloroethane	1	0.0070	U	
78-87-5	1,2-Dichloropropane	1	0.0070	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0070	U	
541-73-1	1,3-Dichlorobenzene	1	0.0070	U	
142-28-9	1,3-Dichloropropane	1	0.0070	U	
106-46-7	1,4-Dichlorobenzene	1	0.0070	U	
123-91-1	1,4-Dioxane	1	~~0.14~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0070	U	
78-93-3	2-Butanone	1	0.0070	U	
110-75-8	2-Chloroethylvinyl ether	1	0.028	U	
95-49-8	2-Chlorotoluene	1	0.0070	U	
591-78-6	2-Hexanone	1	0.0070	U	UJ
106-43-4	4-Chlorotoluene	1	0.0070	U	
108-10-1	4-Methyl-2-pentanone	1	0.0070	U	
67-64-1	Acetone	1	0.31		J
107-02-8	Acrolein	1	0.014	U	
107-13-1	Acrylonitrile	1	0.0070	U	
71-43-2	Benzene	1	0.0070	U	
108-86-1	Bromobenzene	1	0.0070	U	
74-97-5	Bromochloromethane	1	0.0070	U	
75-27-4	Bromodichloromethane	1	0.0070	U	
75-25-2	Bromoform	1	0.0070	U	
74-83-9	Bromomethane	1	0.0070	U	
75-15-0	Carbon disulfide	1	0.0070	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-02 File ID: V2617577.D

Sampled: 12/28/22 09:00 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:04

Solids: 79.27 Preparation: EPA 5035A Initial/Final: 4.53 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0070	U	
108-90-7	Chlorobenzene	1	0.0070	U	
75-00-3	Chloroethane	1	0.0070	U	
67-66-3	Chloroform	1	0.0070	U	
74-87-3	Chloromethane	1	0.0070	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0070	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0070	U	
110-82-7	Cyclohexane	1	0.0070	U	
124-48-1	Dibromochloromethane	1	0.0070	U	
74-95-3	Dibromomethane	1	0.0070	U	
75-71-8	Dichlorodifluoromethane	1	0.0070	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.011	U	
64-17-5	Ethanol	1	0.082	J	
100-41-4	Ethyl Benzene	1	0.0070	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.011	U	
87-68-3	Hexachlorobutadiene	1	0.0070	U	
74-88-4	Iodomethane	1	0.0070	U	
98-82-8	Isopropylbenzene	1	0.0070	U	
79-20-9	Methyl acetate	1	0.0040	J	
80-62-6	Methyl Methacrylate	1	0.0070	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0070	U	
108-87-2	Methylcyclohexane	1	0.0070	U	
75-09-2	Methylene chloride	1	0.014	U	
91-20-3	Naphthalene	1	0.014	U	
104-51-8	n-Butylbenzene	1	0.0070	U	
103-65-1	n-Propylbenzene	1	0.0070	U	
95-47-6	o-Xylene	1	0.0070	U	
179601-23-1	p- & m- Xylenes	1	0.014	U	
105-05-5	p-Diethylbenzene	1	0.0070	U	
622-96-8	p-Ethyltoluene	1	0.0070	U	
99-87-6	p-Isopropyltoluene	1	0.0070	U	
135-98-8	sec-Butylbenzene	1	0.0070	U	
100-42-5	Styrene	1	0.0070	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.11	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.011	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.011		
98-06-6	tert-Butylbenzene	1	0.0070	U	
127-18-4	Tetrachloroethylene	1	0.0070	U	
109-99-9	Tetrahydrofuran	1	0.014	U	
108-88-3	Toluene	1	0.0070	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-02	File ID:	V2617577.D
Sampled:	12/28/22 09:00	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 13:04
Solids:	79.27	Preparation:	EPA 5035A	Initial/Final:	4.53 g / 5 ml
Batch:	BL21749	Sequence:	S3A0311	Calibration:	SL20034
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0070	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0070	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0070	U	
79-01-6	Trichloroethylene	1	0.0070	U	
75-69-4	Trichlorofluoromethane	1	0.0070	U	UJ
108-05-4	Vinyl acetate	1	0.0070	U	
75-01-4	Vinyl Chloride	1	0.0070	U	
1330-20-7	Xylenes, Total	1	0.021	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.4	101	77 - 125	
SURR: Toluene-d8	50.0	49.4	98.8	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.3	105	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	192640	6.075	236806	6.072	
ISTD: Chlorobenzene-d5	601895	9.143	702909	9.143	
ISTD: 1,2-Dichlorobenzene-d4	245084	12.159	276746	12.162	

* Values outside of QC limits

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-03 File ID: V2617594.D

Sampled: 12/28/22 09:15 Prepared: 01/03/23 09:00 Analyzed: 01/03/23 12:37

Solids: 67.98 Preparation: EPA 5035A Initial/Final: 6.73 g / 5 ml

Batch: BA30021 Sequence: S3A0404 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0055	U	
71-55-6	1,1,1-Trichloroethane	1	0.0055	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0055	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0055	U	
79-00-5	1,1,2-Trichloroethane	1	0.0055	U	
75-34-3	1,1-Dichloroethane	1	0.0055	U	
75-35-4	1,1-Dichloroethylene	1	0.0055	U	
563-58-6	1,1-Dichloropropylene	1	0.0055	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0055	U	
96-18-4	1,2,3-Trichloropropane	1	0.0055	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0055	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0055	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0055	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0055	U	
106-93-4	1,2-Dibromoethane	1	0.0055	U	
95-50-1	1,2-Dichlorobenzene	1	0.0055	U	
107-06-2	1,2-Dichloroethane	1	0.0055	U	
78-87-5	1,2-Dichloropropane	1	0.0055	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0055	U	
541-73-1	1,3-Dichlorobenzene	1	0.0055	U	
142-28-9	1,3-Dichloropropane	1	0.0055	U	
106-46-7	1,4-Dichlorobenzene	1	0.0055	U	
123-91-1	1,4-Dioxane	1	~~0.11~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0055	U	
78-93-3	2-Butanone	1	0.0055	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.022	U	
95-49-8	2-Chlorotoluene	1	0.0055	U	
591-78-6	2-Hexanone	1	0.0055	U	
106-43-4	4-Chlorotoluene	1	0.0055	U	
108-10-1	4-Methyl-2-pentanone	1	0.0055	U	
67-64-1	Acetone	1	0.011	U	UJ
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0055	U	
71-43-2	Benzene	1	0.0055	U	
108-86-1	Bromobenzene	1	0.0055	U	
74-97-5	Bromochloromethane	1	0.0055	U	
75-27-4	Bromodichloromethane	1	0.0055	U	
75-25-2	Bromoform	1	0.0055	U	
74-83-9	Bromomethane	1	0.0055	U	
75-15-0	Carbon disulfide	1	0.0055	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-03 File ID: V2617594.D

Sampled: 12/28/22 09:15 Prepared: 01/03/23 09:00 Analyzed: 01/03/23 12:37

Solids: 67.98 Preparation: EPA 5035A Initial/Final: 6.73 g / 5 ml

Batch: BA30021 Sequence: S3A0404 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0055	U	
108-90-7	Chlorobenzene	1	0.0055	U	
75-00-3	Chloroethane	1	0.0055	U	
67-66-3	Chloroform	1	0.0055	U	
74-87-3	Chloromethane	1	0.0055	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.0055	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0055	U	
110-82-7	Cyclohexane	1	0.0055	U	
124-48-1	Dibromochloromethane	1	0.0055	U	
74-95-3	Dibromomethane	1	0.0055	U	
75-71-8	Dichlorodifluoromethane	1	0.0055	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0087	U	
64-17-5	Ethanol	1	0.087	U	
100-41-4	Ethyl Benzene	1	0.0055	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0087	U	
87-68-3	Hexachlorobutadiene	1	0.0055	U	
74-88-4	Iodomethane	1	0.0055	U	
98-82-8	Isopropylbenzene	1	0.0055	U	
79-20-9	Methyl acetate	1	0.0055	U	
80-62-6	Methyl Methacrylate	1	0.0055	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0055	U	
108-87-2	Methylcyclohexane	1	0.0055	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0055	U	
103-65-1	n-Propylbenzene	1	0.0055	U	
95-47-6	o-Xylene	1	0.0055	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0055	U	
622-96-8	p-Ethyltoluene	1	0.0055	U	
99-87-6	p-Isopropyltoluene	1	0.0055	U	
135-98-8	sec-Butylbenzene	1	0.0055	U	
100-42-5	Styrene	1	0.0055	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.087	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0087	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0055	U	
98-06-6	tert-Butylbenzene	1	0.0055	U	
127-18-4	Tetrachloroethylene	1	0.0055	U	
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0055	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-03 | File ID: V2617594.D

Sampled: 12/28/22 09:15 | Prepared: 01/03/23 09:00 | Analyzed: 01/03/23 12:37

Solids: 67.98 | Preparation: EPA 5035A | Initial/Final: 6.73 g / 5 ml

Batch: BA30021 | Sequence: S3A0404 | Calibration: SL20034 | Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0055	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0055	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0055	U	
79-01-6	Trichloroethylene	1	0.0055	U	
75-69-4	Trichlorofluoromethane	1	0.0055	U	UJ
108-05-4	Vinyl acetate	1	0.0055	U	
75-01-4	Vinyl Chloride	1	0.0055	U	
1330-20-7	Xylenes, Total	1	0.016	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.9	102	77 - 125	
SURR: Toluene-d8	50.0	49.5	99.0	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.2	104	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	201209	6.079	224392	6.075	
ISTD: Chlorobenzene-d5	638850	9.143	684343	9.139	
ISTD: 1,2-Dichlorobenzene-d4	258887	12.162	281158	12.159	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: V2617579.D

Sampled: 12/28/22 10:30 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:58

Solids: 93.65 Preparation: EPA 5035A Initial/Final: 5.06 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0053	U	
71-55-6	1,1,1-Trichloroethane	1	0.0053	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0053	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0053	U	
79-00-5	1,1,2-Trichloroethane	1	0.0053	U	
75-34-3	1,1-Dichloroethane	1	0.0053	U	
75-35-4	1,1-Dichloroethylene	1	0.0053	U	
563-58-6	1,1-Dichloropropylene	1	0.0053	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0053	U	
96-18-4	1,2,3-Trichloropropane	1	0.0053	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0053	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0053	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0053	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0053	U	
106-93-4	1,2-Dibromoethane	1	0.0053	U	
95-50-1	1,2-Dichlorobenzene	1	0.0053	U	
107-06-2	1,2-Dichloroethane	1	0.0053	U	
78-87-5	1,2-Dichloropropane	1	0.0053	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0053	U	
541-73-1	1,3-Dichlorobenzene	1	0.0053	U	
142-28-9	1,3-Dichloropropane	1	0.0053	U	
106-46-7	1,4-Dichlorobenzene	1	0.0053	U	
123-91-1	1,4-Dioxane	1	~~0.11~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0053	U	
78-93-3	2-Butanone	1	0.0053	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.021	U	
95-49-8	2-Chlorotoluene	1	0.0053	U	
591-78-6	2-Hexanone	1	0.0053	U	UJ
106-43-4	4-Chlorotoluene	1	0.0053	U	
108-10-1	4-Methyl-2-pentanone	1	0.0053	U	
67-64-1	Acetone	1	0.012		J
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0053	U	
71-43-2	Benzene	1	0.0053	U	
108-86-1	Bromobenzene	1	0.0053	U	
74-97-5	Bromochloromethane	1	0.0053	U	
75-27-4	Bromodichloromethane	1	0.0053	U	
75-25-2	Bromoform	1	0.0053	U	
74-83-9	Bromomethane	1	0.0053	U	
75-15-0	Carbon disulfide	1	0.0053	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: V2617579.D

Sampled: 12/28/22 10:30 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:58

Solids: 93.65 Preparation: EPA 5035A Initial/Final: 5.06 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0053	U	
108-90-7	Chlorobenzene	1	0.0085		
75-00-3	Chloroethane	1	0.0053	U	
67-66-3	Chloroform	1	0.0053	U	
74-87-3	Chloromethane	1	0.0053	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0053	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0053	U	
110-82-7	Cyclohexane	1	0.0053	U	
124-48-1	Dibromochloromethane	1	0.0053	U	
74-95-3	Dibromomethane	1	0.0053	U	
75-71-8	Dichlorodifluoromethane	1	0.0053	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0084	U	
64-17-5	Ethanol	1	0.084	U	
100-41-4	Ethyl Benzene	1	0.0053	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0084	U	
87-68-3	Hexachlorobutadiene	1	0.0053	U	
74-88-4	Iodomethane	1	0.0053	U	
98-82-8	Isopropylbenzene	1	0.0053	U	
79-20-9	Methyl acetate	1	0.0053	U	
80-62-6	Methyl Methacrylate	1	0.0053	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0053	U	
108-87-2	Methylcyclohexane	1	0.0053	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0053	U	
103-65-1	n-Propylbenzene	1	0.0053	U	
95-47-6	o-Xylene	1	0.0053	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0053	U	
622-96-8	p-Ethyltoluene	1	0.0053	U	
99-87-6	p-Isopropyltoluene	1	0.0053	U	
135-98-8	sec-Butylbenzene	1	0.0053	U	
100-42-5	Styrene	1	0.0053	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.084	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0084	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0053	U	
98-06-6	tert-Butylbenzene	1	0.0053	U	
127-18-4	Tetrachloroethylene	1	0.0053	U	
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0053	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: V2617579.D

Sampled: 12/28/22 10:30 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:58

Solids: 93.65 Preparation: EPA 5035A Initial/Final: 5.06 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0053	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0053	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0053	U	
79-01-6	Trichloroethylene	1	0.0053	U	
75-69-4	Trichlorofluoromethane	1	0.0053	U	UJ
108-05-4	Vinyl acetate	1	0.0053	U	
75-01-4	Vinyl Chloride	1	0.0053	U	
1330-20-7	Xylenes, Total	1	0.016	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.6	101	77 - 125	
SURR: Toluene-d8	50.0	49.1	98.2	85 - 120	
SURR: p-Bromofluorobenzene	50.0	51.6	103	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	171077	6.075	236806	6.072	
ISTD: Chlorobenzene-d5	555162	9.139	702909	9.143	
ISTD: 1,2-Dichlorobenzene-d4	233631	12.162	276746	12.162	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID: V2617580.D

Sampled: 12/28/22 10:47 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:25

Solids: 77.51 Preparation: EPA 5035A Initial/Final: 5.48 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0059	U	
71-55-6	1,1,1-Trichloroethane	1	0.0059	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0059	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0059	U	
79-00-5	1,1,2-Trichloroethane	1	0.0059	U	
75-34-3	1,1-Dichloroethane	1	0.0059	U	
75-35-4	1,1-Dichloroethylene	1	0.0059	U	
563-58-6	1,1-Dichloropropylene	1	0.0059	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0059	U	
96-18-4	1,2,3-Trichloropropane	1	0.0059	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0059	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0059	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0059	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0059	U	
106-93-4	1,2-Dibromoethane	1	0.0059	U	
95-50-1	1,2-Dichlorobenzene	1	0.0059	U	
107-06-2	1,2-Dichloroethane	1	0.0059	U	
78-87-5	1,2-Dichloropropane	1	0.0059	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0059	U	
541-73-1	1,3-Dichlorobenzene	1	0.0059	U	
142-28-9	1,3-Dichloropropane	1	0.0059	U	
106-46-7	1,4-Dichlorobenzene	1	0.0059	U	
123-91-1	1,4-Dioxane	1	~~0.12~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0059	U	
78-93-3	2-Butanone	1	0.012		J
110-75-8	2-Chloroethylvinyl ether	1	0.024	U	
95-49-8	2-Chlorotoluene	1	0.0059	U	
591-78-6	2-Hexanone	1	0.0059	U	UJ
106-43-4	4-Chlorotoluene	1	0.0059	U	
108-10-1	4-Methyl-2-pentanone	1	0.0059	U	
67-64-1	Acetone	1	0.041		J
107-02-8	Acrolein	1	0.012	U	
107-13-1	Acrylonitrile	1	0.0059	U	
71-43-2	Benzene	1	0.012		
108-86-1	Bromobenzene	1	0.0059	U	
74-97-5	Bromochloromethane	1	0.0059	U	
75-27-4	Bromodichloromethane	1	0.0059	U	
75-25-2	Bromoform	1	0.0059	U	
74-83-9	Bromomethane	1	0.0059	U	
75-15-0	Carbon disulfide	1	0.0059	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID: V2617580.D

Sampled: 12/28/22 10:47 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:25

Solids: 77.51 Preparation: EPA 5035A Initial/Final: 5.48 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
56-23-5	Carbon tetrachloride	1	0.0059	U
108-90-7	Chlorobenzene	1	0.12	
75-00-3	Chloroethane	1	0.0059	U
67-66-3	Chloroform	1	0.0059	U
74-87-3	Chloromethane	1	0.0059	U
156-59-2	cis-1,2-Dichloroethylene	1	0.0059	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.0059	U
110-82-7	Cyclohexane	1	0.0059	U
124-48-1	Dibromochloromethane	1	0.0059	U
74-95-3	Dibromomethane	1	0.0059	U
75-71-8	Dichlorodifluoromethane	1	0.0059	U UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0094	U
64-17-5	Ethanol	1	0.094	U
100-41-4	Ethyl Benzene	1	0.0059	U
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0094	U
87-68-3	Hexachlorobutadiene	1	0.0059	U
74-88-4	Iodomethane	1	0.0059	U
98-82-8	Isopropylbenzene	1	0.0059	U
79-20-9	Methyl acetate	1	0.0059	U
80-62-6	Methyl Methacrylate	1	0.0059	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0059	U
108-87-2	Methylcyclohexane	1	0.0059	U
75-09-2	Methylene chloride	1	0.012	U
91-20-3	Naphthalene	1	0.012	U
104-51-8	n-Butylbenzene	1	0.0059	U
103-65-1	n-Propylbenzene	1	0.0059	U
95-47-6	o-Xylene	1	0.0059	U
179601-23-1	p- & m- Xylenes	1	0.012	U
105-05-5	p-Diethylbenzene	1	0.0059	U
622-96-8	p-Ethyltoluene	1	0.0059	U
99-87-6	p-Isopropyltoluene	1	0.0059	U
135-98-8	sec-Butylbenzene	1	0.0059	U
100-42-5	Styrene	1	0.0059	U
75-85-4	tert-Amyl alcohol (TAA)	1	0.094	U
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0094	U
75-65-0	tert-Butyl alcohol (TBA)	1	0.0059	U
98-06-6	tert-Butylbenzene	1	0.0059	U
127-18-4	Tetrachloroethylene	1	0.0059	U
109-99-9	Tetrahydrofuran	1	0.012	U
108-88-3	Toluene	1	0.0059	U

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-05 | File ID: V2617580.D

Sampled: 12/28/22 10:47 | Prepared: 12/30/22 09:00 | Analyzed: 12/30/22 14:25

Solids: 77.51 | Preparation: EPA 5035A | Initial/Final: 5.48 g / 5 ml

Batch: BL21749 | Sequence: S3A0311 | Calibration: SL20034 | Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0059	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0059	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0059	U	
79-01-6	Trichloroethylene	1	0.0059	U	
75-69-4	Trichlorofluoromethane	1	0.0059	U	UJ
108-05-4	Vinyl acetate	1	0.0059	U	
75-01-4	Vinyl Chloride	1	0.0059	U	
1330-20-7	Xylenes, Total	1	0.018	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	51.1	102	77 - 125	
SURR: Toluene-d8	50.0	48.7	97.4	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.5	105	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	164351	6.075	236806	6.072	
ISTD: Chlorobenzene-d5	538196	9.143	702909	9.143	
ISTD: 1,2-Dichlorobenzene-d4	221365	12.159	276746	12.162	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID: V2617581.D

Sampled: 12/28/22 11:15 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:52

Solids: 78.37 Preparation: EPA 5035A Initial/Final: 6.05 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0053	U	
71-55-6	1,1,1-Trichloroethane	1	0.0053	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0053	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0053	U	
79-00-5	1,1,2-Trichloroethane	1	0.0053	U	
75-34-3	1,1-Dichloroethane	1	0.0053	U	
75-35-4	1,1-Dichloroethylene	1	0.0053	U	
563-58-6	1,1-Dichloropropylene	1	0.0053	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0053	U	
96-18-4	1,2,3-Trichloropropane	1	0.0053	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0053	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0053	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0053	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0053	U	
106-93-4	1,2-Dibromoethane	1	0.0053	U	
95-50-1	1,2-Dichlorobenzene	1	0.0053	U	
107-06-2	1,2-Dichloroethane	1	0.0053	U	
78-87-5	1,2-Dichloropropane	1	0.0053	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0053	U	
541-73-1	1,3-Dichlorobenzene	1	0.0053	U	
142-28-9	1,3-Dichloropropane	1	0.0053	U	
106-46-7	1,4-Dichlorobenzene	1	0.0053	U	
123-91-1	1,4-Dioxane	1	0.11	U	R
594-20-7	2,2-Dichloropropane	1	0.0053	U	
78-93-3	2-Butanone	1	0.0053	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.021	U	
95-49-8	2-Chlorotoluene	1	0.0053	U	
591-78-6	2-Hexanone	1	0.0053	U	UJ
106-43-4	4-Chlorotoluene	1	0.0053	U	
108-10-1	4-Methyl-2-pentanone	1	0.0053	U	
67-64-1	Acetone	1	0.0068	J	J
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0053	U	
71-43-2	Benzene	1	0.0053	U	
108-86-1	Bromobenzene	1	0.0053	U	
74-97-5	Bromochloromethane	1	0.0053	U	
75-27-4	Bromodichloromethane	1	0.0053	U	
75-25-2	Bromoform	1	0.0053	U	
74-83-9	Bromomethane	1	0.0053	U	
75-15-0	Carbon disulfide	1	0.0053	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID: V2617581.D

Sampled: 12/28/22 11:15 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:52

Solids: 78.37 Preparation: EPA 5035A Initial/Final: 6.05 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0053	U	
108-90-7	Chlorobenzene	1	0.0053	U	
75-00-3	Chloroethane	1	0.0053	U	
67-66-3	Chloroform	1	0.0053	U	
74-87-3	Chloromethane	1	0.0053	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0053	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0053	U	
110-82-7	Cyclohexane	1	0.0053	U	
124-48-1	Dibromochloromethane	1	0.0053	U	
74-95-3	Dibromomethane	1	0.0053	U	
75-71-8	Dichlorodifluoromethane	1	0.0053	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0084	U	
64-17-5	Ethanol	1	0.084	U	
100-41-4	Ethyl Benzene	1	0.0053	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0084	U	
87-68-3	Hexachlorobutadiene	1	0.0053	U	
74-88-4	Iodomethane	1	0.0053	U	
98-82-8	Isopropylbenzene	1	0.0053	U	
79-20-9	Methyl acetate	1	0.0053	U	
80-62-6	Methyl Methacrylate	1	0.0053	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0053	U	
108-87-2	Methylcyclohexane	1	0.0053	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0053	U	
103-65-1	n-Propylbenzene	1	0.0053	U	
95-47-6	o-Xylene	1	0.0053	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0053	U	
622-96-8	p-Ethyltoluene	1	0.0053	U	
99-87-6	p-Isopropyltoluene	1	0.0053	U	
135-98-8	sec-Butylbenzene	1	0.0053	U	
100-42-5	Styrene	1	0.0053	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.084	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0084	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0053	U	
98-06-6	tert-Butylbenzene	1	0.0053	U	
127-18-4	Tetrachloroethylene	1	0.0053	U	
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0053	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-2C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-06	File ID:	V2617581.D
Sampled:	12/28/22 11:15	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 14:52
Solids:	78.37	Preparation:	EPA 5035A	Initial/Final:	6.05 g / 5 ml
Batch:	BL21749	Sequence:	S3A0311	Calibration:	SL20034
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0053	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0053	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0053	U	
79-01-6	Trichloroethylene	1	0.0053	U	
75-69-4	Trichlorofluoromethane	1	0.0053	U	UJ
108-05-4	Vinyl acetate	1	0.0053	U	
75-01-4	Vinyl Chloride	1	0.0053	U	
1330-20-7	Xylenes, Total	1	0.016	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	51.0	102	77 - 125	
SURR: Toluene-d8	50.0	49.1	98.2	85 - 120	
SURR: p-Bromofluorobenzene	50.0	51.5	103	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	182404	6.075	236806	6.072	
ISTD: Chlorobenzene-d5	591596	9.143	702909	9.143	
ISTD: 1,2-Dichlorobenzene-d4	247959	12.162	276746	12.162	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID: V2617582.D

Sampled: 12/28/22 12:05 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 15:20

Solids: 89.09 Preparation: EPA 5035A Initial/Final: 5.21 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0054	U	
71-55-6	1,1,1-Trichloroethane	1	0.0054	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0054	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0054	U	
79-00-5	1,1,2-Trichloroethane	1	0.0054	U	
75-34-3	1,1-Dichloroethane	1	0.0054	U	
75-35-4	1,1-Dichloroethylene	1	0.0054	U	
563-58-6	1,1-Dichloropropylene	1	0.0054	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0054	U	
96-18-4	1,2,3-Trichloropropane	1	0.0054	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0054	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0054	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0054	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0054	U	
106-93-4	1,2-Dibromoethane	1	0.0054	U	
95-50-1	1,2-Dichlorobenzene	1	0.0054	U	
107-06-2	1,2-Dichloroethane	1	0.0054	U	
78-87-5	1,2-Dichloropropane	1	0.0054	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0054	U	
541-73-1	1,3-Dichlorobenzene	1	0.0054	U	
142-28-9	1,3-Dichloropropane	1	0.0054	U	
106-46-7	1,4-Dichlorobenzene	1	0.0054	U	
123-91-1	1,4-Dioxane	1	~~0.11~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0054	U	
78-93-3	2-Butanone	1	0.0054	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.022	U	
95-49-8	2-Chlorotoluene	1	0.0054	U	
591-78-6	2-Hexanone	1	0.0054	U	UJ
106-43-4	4-Chlorotoluene	1	0.0054	U	
108-10-1	4-Methyl-2-pentanone	1	0.0054	U	
67-64-1	Acetone	1	0.015		J
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0054	U	
71-43-2	Benzene	1	0.0054	U	
108-86-1	Bromobenzene	1	0.0054	U	
74-97-5	Bromochloromethane	1	0.0054	U	
75-27-4	Bromodichloromethane	1	0.0054	U	
75-25-2	Bromoform	1	0.0054	U	
74-83-9	Bromomethane	1	0.0054	U	
75-15-0	Carbon disulfide	1	0.0054	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID: V2617582.D

Sampled: 12/28/22 12:05 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 15:20

Solids: 89.09 Preparation: EPA 5035A Initial/Final: 5.21 g / 5 ml

Batch: BL21749 Sequence: S3A0311 Calibration: SL20034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0054	U	
108-90-7	Chlorobenzene	1	0.0054	U	
75-00-3	Chloroethane	1	0.0054	U	
67-66-3	Chloroform	1	0.0054	U	
74-87-3	Chloromethane	1	0.0054	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0054	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0054	U	
110-82-7	Cyclohexane	1	0.0054	U	
124-48-1	Dibromochloromethane	1	0.0054	U	
74-95-3	Dibromomethane	1	0.0054	U	
75-71-8	Dichlorodifluoromethane	1	0.0054	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0086	U	
64-17-5	Ethanol	1	0.086	U	
100-41-4	Ethyl Benzene	1	0.0054	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0086	U	
87-68-3	Hexachlorobutadiene	1	0.0054	U	
74-88-4	Iodomethane	1	0.0054	U	
98-82-8	Isopropylbenzene	1	0.0054	U	
79-20-9	Methyl acetate	1	0.0054	U	
80-62-6	Methyl Methacrylate	1	0.0054	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0054	U	
108-87-2	Methylcyclohexane	1	0.0054	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0054	U	
103-65-1	n-Propylbenzene	1	0.0054	U	
95-47-6	o-Xylene	1	0.0054	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0054	U	
622-96-8	p-Ethyltoluene	1	0.0054	U	
99-87-6	p-Isopropyltoluene	1	0.0054	U	
135-98-8	sec-Butylbenzene	1	0.0054	U	
100-42-5	Styrene	1	0.0054	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.086	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0086	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0054	U	
98-06-6	tert-Butylbenzene	1	0.0054	U	
127-18-4	Tetrachloroethylene	1	0.0054	U	
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0054	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-07	File ID:	V2617582.D
Sampled:	12/28/22 12:05	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 15:20
Solids:	89.09	Preparation:	EPA 5035A	Initial/Final:	5.21 g / 5 ml
Batch:	BL21749	Sequence:	S3A0311	Calibration:	SL20034
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0054	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0054	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0054	U	
79-01-6	Trichloroethylene	1	0.0054	U	
75-69-4	Trichlorofluoromethane	1	0.0054	U	UJ
108-05-4	Vinyl acetate	1	0.0054	U	
75-01-4	Vinyl Chloride	1	0.0054	U	
1330-20-7	Xylenes, Total	1	0.016	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.3	101	77 - 125	
SURR: Toluene-d8	50.0	49.9	99.8	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.5	105	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	168985	6.075	236806	6.072	
ISTD: Chlorobenzene-d5	538376	9.14	702909	9.143	
ISTD: 1,2-Dichlorobenzene-d4	216988	12.162	276746	12.162	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID: V3171255.D

Sampled: 12/28/22 12:35 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:32

Solids: 77.69 Preparation: EPA 5035A Initial/Final: 5.24 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0061	U	
71-55-6	1,1,1-Trichloroethane	1	0.0061	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0061	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0061	U	
79-00-5	1,1,2-Trichloroethane	1	0.0061	U	
75-34-3	1,1-Dichloroethane	1	0.0061	U	
75-35-4	1,1-Dichloroethylene	1	0.0061	U	
563-58-6	1,1-Dichloropropylene	1	0.0061	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0061	U	
96-18-4	1,2,3-Trichloropropane	1	0.0061	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0061	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0061	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0061	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0061	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0061	U	
95-50-1	1,2-Dichlorobenzene	1	0.0061	U	
107-06-2	1,2-Dichloroethane	1	0.0061	U	
78-87-5	1,2-Dichloropropane	1	0.0061	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0061	U	
541-73-1	1,3-Dichlorobenzene	1	0.0061	U	
142-28-9	1,3-Dichloropropane	1	0.0061	U	
106-46-7	1,4-Dichlorobenzene	1	0.0061	U	
123-91-1	1,4-Dioxane	1	~~0.12~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0061	U	
78-93-3	2-Butanone	1	0.0061	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.025	U	
95-49-8	2-Chlorotoluene	1	0.0061	U	
591-78-6	2-Hexanone	1	0.0061	U	
106-43-4	4-Chlorotoluene	1	0.0061	U	
108-10-1	4-Methyl-2-pentanone	1	0.0061	U	
67-64-1	Acetone	1	0.014		J
107-02-8	Acrolein	1	0.012	U	UJ
107-13-1	Acrylonitrile	1	0.0061	U	
71-43-2	Benzene	1	0.0061	U	
108-86-1	Bromobenzene	1	0.0061	U	
74-97-5	Bromochloromethane	1	0.0061	U	
75-27-4	Bromodichloromethane	1	0.0061	U	
75-25-2	Bromoform	1	0.0061	U	
74-83-9	Bromomethane	1	0.0061	U	
75-15-0	Carbon disulfide	1	0.0061	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID: V3171255.D

Sampled: 12/28/22 12:35 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:32

Solids: 77.69 Preparation: EPA 5035A Initial/Final: 5.24 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0061	U	
108-90-7	Chlorobenzene	1	0.0061	U	
75-00-3	Chloroethane	1	0.0061	U	
67-66-3	Chloroform	1	0.0061	U	
74-87-3	Chloromethane	1	0.0061	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0061	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0061	U	
110-82-7	Cyclohexane	1	0.0061	U	
124-48-1	Dibromochloromethane	1	0.0061	U	
74-95-3	Dibromomethane	1	0.0061	U	
75-71-8	Dichlorodifluoromethane	1	0.0061	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0098	U	
64-17-5	Ethanol	1	0.098	U	
100-41-4	Ethyl Benzene	1	0.0061	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0098	U	
87-68-3	Hexachlorobutadiene	1	0.0061	U	
74-88-4	Iodomethane	1	0.0061	U	
98-82-8	Isopropylbenzene	1	0.0061	U	
79-20-9	Methyl acetate	1	0.0061	U	
80-62-6	Methyl Methacrylate	1	0.0061	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0061	U	
108-87-2	Methylcyclohexane	1	0.0061	U	
75-09-2	Methylene chloride	1	0.012	U	
91-20-3	Naphthalene	1	0.012	U	
104-51-8	n-Butylbenzene	1	0.0061	U	
103-65-1	n-Propylbenzene	1	0.0061	U	
95-47-6	o-Xylene	1	0.0061	U	
179601-23-1	p- & m- Xylenes	1	0.012	U	
105-05-5	p-Diethylbenzene	1	0.0061	U	
622-96-8	p-Ethyltoluene	1	0.0061	U	
99-87-6	p-Isopropyltoluene	1	0.0061	U	
135-98-8	sec-Butylbenzene	1	0.0061	U	
100-42-5	Styrene	1	0.0061	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.098	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0098	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0061	U	UJ
98-06-6	tert-Butylbenzene	1	0.0061	U	
127-18-4	Tetrachloroethylene	1	0.0061	U	
109-99-9	Tetrahydrofuran	1	0.012	U	
108-88-3	Toluene	1	0.0061	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID: V3171255.D

Sampled: 12/28/22 12:35 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:32

Solids: 77.69 Preparation: EPA 5035A Initial/Final: 5.24 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0061	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0061	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0061	U	
79-01-6	Trichloroethylene	1	0.0061	U	
75-69-4	Trichlorofluoromethane	1	0.0061	U	UJ
108-05-4	Vinyl acetate	1	0.0061	U	
75-01-4	Vinyl Chloride	1	0.0061	U	
1330-20-7	Xylenes, Total	1	0.018	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	52.1	104	77 - 125	
SURR: Toluene-d8	50.0	46.2	92.5	85 - 120	
SURR: p-Bromofluorobenzene	50.0	42.8	85.7	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	297256	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1436223	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	736138	12.112	858135	12.112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-09 File ID: V3171256.D

Sampled: 12/28/22 12:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:59

Solids: 76.15 Preparation: EPA 5035A Initial/Final: 5.77 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0057	U	
71-55-6	1,1,1-Trichloroethane	1	0.0057	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0057	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0057	U	
79-00-5	1,1,2-Trichloroethane	1	0.0057	U	
75-34-3	1,1-Dichloroethane	1	0.0057	U	
75-35-4	1,1-Dichloroethylene	1	0.0057	U	
563-58-6	1,1-Dichloropropylene	1	0.0057	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0057	U	
96-18-4	1,2,3-Trichloropropane	1	0.0057	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0057	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0057	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0057	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0057	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0057	U	
95-50-1	1,2-Dichlorobenzene	1	0.0057	U	
107-06-2	1,2-Dichloroethane	1	0.0057	U	
78-87-5	1,2-Dichloropropane	1	0.0057	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0057	U	
541-73-1	1,3-Dichlorobenzene	1	0.0057	U	
142-28-9	1,3-Dichloropropane	1	0.0057	U	
106-46-7	1,4-Dichlorobenzene	1	0.0057	U	
123-91-1	1,4-Dioxane	1	0.11	U	R
594-20-7	2,2-Dichloropropane	1	0.0057	U	
78-93-3	2-Butanone	1	0.0057	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.023	U	
95-49-8	2-Chlorotoluene	1	0.0057	U	
591-78-6	2-Hexanone	1	0.0057	U	
106-43-4	4-Chlorotoluene	1	0.0057	U	
108-10-1	4-Methyl-2-pentanone	1	0.0057	U	
67-64-1	Acetone	1	0.011	U	UJ
107-02-8	Acrolein	1	0.011	U	UJ
107-13-1	Acrylonitrile	1	0.0057	U	
71-43-2	Benzene	1	0.0057	U	
108-86-1	Bromobenzene	1	0.0057	U	
74-97-5	Bromochloromethane	1	0.0057	U	
75-27-4	Bromodichloromethane	1	0.0057	U	
75-25-2	Bromoform	1	0.0057	U	
74-83-9	Bromomethane	1	0.0057	U	
75-15-0	Carbon disulfide	1	0.0057	U	

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EPA 8260C

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-09 File ID: V3171256.D

Sampled: 12/28/22 12:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:59

Solids: 76.15 Preparation: EPA 5035A Initial/Final: 5.77 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0057	U	
108-90-7	Chlorobenzene	1	0.0057	U	
75-00-3	Chloroethane	1	0.0057	U	
67-66-3	Chloroform	1	0.0057	U	
74-87-3	Chloromethane	1	0.0057	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0057	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0057	U	
110-82-7	Cyclohexane	1	0.0057	U	
124-48-1	Dibromochloromethane	1	0.0057	U	
74-95-3	Dibromomethane	1	0.0057	U	
75-71-8	Dichlorodifluoromethane	1	0.0057	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0091	U	
64-17-5	Ethanol	1	0.091	U	
100-41-4	Ethyl Benzene	1	0.0057	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0091	U	
87-68-3	Hexachlorobutadiene	1	0.0057	U	
74-88-4	Iodomethane	1	0.0057	U	
98-82-8	Isopropylbenzene	1	0.0057	U	
79-20-9	Methyl acetate	1	0.0057	U	
80-62-6	Methyl Methacrylate	1	0.0057	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0057	U	
108-87-2	Methylcyclohexane	1	0.0057	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0057	U	
103-65-1	n-Propylbenzene	1	0.0057	U	
95-47-6	o-Xylene	1	0.0057	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0057	U	
622-96-8	p-Ethyltoluene	1	0.0057	U	
99-87-6	p-Isopropyltoluene	1	0.0057	U	
135-98-8	sec-Butylbenzene	1	0.0057	U	
100-42-5	Styrene	1	0.0057	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.091	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0091	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0057	U	UJ
98-06-6	tert-Butylbenzene	1	0.0057	U	
127-18-4	Tetrachloroethylene	1	0.0057	U	
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0057	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-3C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-09	File ID:	V3171256.D
Sampled:	12/28/22 12:59	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 12:59
Solids:	76.15	Preparation:	EPA 5035A	Initial/Final:	5.77 g / 5 ml
Batch:	BL21750	Sequence:	S3A0313	Calibration:	SL20028
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0057	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0057	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0057	U	
79-01-6	Trichloroethylene	1	0.0057	U	
75-69-4	Trichlorofluoromethane	1	0.0057	U	UJ
108-05-4	Vinyl acetate	1	0.0057	U	
75-01-4	Vinyl Chloride	1	0.0057	U	
1330-20-7	Xylenes, Total	1	0.017	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.8	102	77 - 125	
SURR: Toluene-d8	50.0	46.3	92.6	85 - 120	
SURR: p-Bromofluorobenzene	50.0	43.0	85.9	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	317095	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1518047	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	764718	12.112	858135	12.112	

* Values outside of QC limits

MKP 3/28/2023

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID: V3171257.D

Sampled: 12/28/22 13:20 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:25

Solids: 87.86 Preparation: EPA 5035A Initial/Final: 6.82 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0042	U	
71-55-6	1,1,1-Trichloroethane	1	0.0042	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0042	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0042	U	
79-00-5	1,1,2-Trichloroethane	1	0.0042	U	
75-34-3	1,1-Dichloroethane	1	0.0042	U	
75-35-4	1,1-Dichloroethylene	1	0.0042	U	
563-58-6	1,1-Dichloropropylene	1	0.0042	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0042	U	
96-18-4	1,2,3-Trichloropropane	1	0.0042	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0042	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0042	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0042	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0042	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0042	U	
95-50-1	1,2-Dichlorobenzene	1	0.0042	U	
107-06-2	1,2-Dichloroethane	1	0.0042	U	
78-87-5	1,2-Dichloropropane	1	0.0042	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0042	U	
541-73-1	1,3-Dichlorobenzene	1	0.0042	U	
142-28-9	1,3-Dichloropropane	1	0.0042	U	
106-46-7	1,4-Dichlorobenzene	1	0.0042	U	
123-91-1	1,4-Dioxane	1	0.083	U	R
594-20-7	2,2-Dichloropropane	1	0.0042	U	
78-93-3	2-Butanone	1	0.0042	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.017	U	
95-49-8	2-Chlorotoluene	1	0.0042	U	
591-78-6	2-Hexanone	1	0.0042	U	
106-43-4	4-Chlorotoluene	1	0.0042	U	
108-10-1	4-Methyl-2-pentanone	1	0.0042	U	
67-64-1	Acetone	1	0.0047	J	J
107-02-8	Acrolein	1	0.0083	U	UJ
107-13-1	Acrylonitrile	1	0.0042	U	
71-43-2	Benzene	1	0.0042	U	
108-86-1	Bromobenzene	1	0.0042	U	
74-97-5	Bromochloromethane	1	0.0042	U	
75-27-4	Bromodichloromethane	1	0.0042	U	
75-25-2	Bromoform	1	0.0042	U	
74-83-9	Bromomethane	1	0.0042	U	
75-15-0	Carbon disulfide	1	0.0042	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-4A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-10	File ID:	V3171257.D
Sampled:	12/28/22 13:20	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 13:25
Solids:	87.86	Preparation:	EPA 5035A	Initial/Final:	6.82 g / 5 ml
Batch:	BL21750	Sequence:	S3A0313	Calibration:	SL20028
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0042	U	
108-90-7	Chlorobenzene	1	0.0042	U	
75-00-3	Chloroethane	1	0.0042	U	
67-66-3	Chloroform	1	0.0042	U	
74-87-3	Chloromethane	1	0.0042	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0042	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0042	U	
110-82-7	Cyclohexane	1	0.0042	U	
124-48-1	Dibromochloromethane	1	0.0042	U	
74-95-3	Dibromomethane	1	0.0042	U	
75-71-8	Dichlorodifluoromethane	1	0.0042	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0067	U	
64-17-5	Ethanol	1	0.067	U	
100-41-4	Ethyl Benzene	1	0.0042	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0067	U	
87-68-3	Hexachlorobutadiene	1	0.0042	U	
74-88-4	Iodomethane	1	0.0042	U	
98-82-8	Isopropylbenzene	1	0.0042	U	
79-20-9	Methyl acetate	1	0.0042	U	
80-62-6	Methyl Methacrylate	1	0.0042	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0042	U	
108-87-2	Methylcyclohexane	1	0.0042	U	
75-09-2	Methylene chloride	1	0.0083	U	
91-20-3	Naphthalene	1	0.0083	U	
104-51-8	n-Butylbenzene	1	0.0042	U	
103-65-1	n-Propylbenzene	1	0.0042	U	
95-47-6	o-Xylene	1	0.0042	U	
179601-23-1	p- & m- Xylenes	1	0.0083	U	
105-05-5	p-Diethylbenzene	1	0.0042	U	
622-96-8	p-Ethyltoluene	1	0.0042	U	
99-87-6	p-Isopropyltoluene	1	0.0042	U	
135-98-8	sec-Butylbenzene	1	0.0042	U	
100-42-5	Styrene	1	0.0042	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.067	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0067	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0042	U	UJ
98-06-6	tert-Butylbenzene	1	0.0042	U	
127-18-4	Tetrachloroethylene	1	0.0042	U	
109-99-9	Tetrahydrofuran	1	0.0083	U	
108-88-3	Toluene	1	0.0042	U	

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EPA 8260C

SB-4A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-10	File ID:	V3171257.D
Sampled:	12/28/22 13:20	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 13:25
Solids:	87.86	Preparation:	EPA 5035A	Initial/Final:	6.82 g / 5 ml
Batch:	BL21750	Sequence:	S3A0313	Calibration:	SL20028
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0042	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0042	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0042	U	
79-01-6	Trichloroethylene	1	0.0042	U	
75-69-4	Trichlorofluoromethane	1	0.0042	U	UJ
108-05-4	Vinyl acetate	1	0.0042	U	
75-01-4	Vinyl Chloride	1	0.0042	U	
1330-20-7	Xylenes, Total	1	0.013	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	53.1	106	77 - 125	
SURR: Toluene-d8	50.0	46.0	92.1	85 - 120	
SURR: p-Bromofluorobenzene	50.0	42.8	85.6	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	309761	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1489584	9.111	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	757424	12.112	858135	12.112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID: V3171258.D

Sampled: 12/28/22 13:29 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:51

Solids: 73.33 Preparation: EPA 5035A Initial/Final: 5.73 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0059	U	
71-55-6	1,1,1-Trichloroethane	1	0.0059	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0059	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0059	U	
79-00-5	1,1,2-Trichloroethane	1	0.0059	U	
75-34-3	1,1-Dichloroethane	1	0.0059	U	
75-35-4	1,1-Dichloroethylene	1	0.0059	U	
563-58-6	1,1-Dichloropropylene	1	0.0059	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0059	U	
96-18-4	1,2,3-Trichloropropane	1	0.0059	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0059	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0059	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0031	J	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0059	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0059	U	
95-50-1	1,2-Dichlorobenzene	1	0.0059	U	
107-06-2	1,2-Dichloroethane	1	0.0059	U	
78-87-5	1,2-Dichloropropane	1	0.0059	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0059	U	
541-73-1	1,3-Dichlorobenzene	1	0.0059	U	
142-28-9	1,3-Dichloropropane	1	0.0059	U	
106-46-7	1,4-Dichlorobenzene	1	0.0059	U	
123-91-1	1,4-Dioxane	1	~~0.12~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0059	U	
78-93-3	2-Butanone	1	0.013		J
110-75-8	2-Chloroethylvinyl ether	1	0.024	U	
95-49-8	2-Chlorotoluene	1	0.0059	U	
591-78-6	2-Hexanone	1	0.0059	U	
106-43-4	4-Chlorotoluene	1	0.0059	U	
108-10-1	4-Methyl-2-pentanone	1	0.0059	U	
67-64-1	Acetone	1	0.041		J
107-02-8	Acrolein	1	0.012	U	UJ
107-13-1	Acrylonitrile	1	0.0059	U	
71-43-2	Benzene	1	0.0059	U	
108-86-1	Bromobenzene	1	0.0059	U	
74-97-5	Bromochloromethane	1	0.0059	U	
75-27-4	Bromodichloromethane	1	0.0059	U	
75-25-2	Bromoform	1	0.0059	U	
74-83-9	Bromomethane	1	0.0059	U	
75-15-0	Carbon disulfide	1	0.0059	U	

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EPA 8260C

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID: V3171258.D

Sampled: 12/28/22 13:29 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:51

Solids: 73.33 Preparation: EPA 5035A Initial/Final: 5.73 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0059	U	
108-90-7	Chlorobenzene	1	0.0047	J	
75-00-3	Chloroethane	1	0.0059	U	
67-66-3	Chloroform	1	0.0059	U	
74-87-3	Chloromethane	1	0.0059	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0059	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0059	U	
110-82-7	Cyclohexane	1	0.0059	U	
124-48-1	Dibromochloromethane	1	0.0059	U	
74-95-3	Dibromomethane	1	0.0059	U	
75-71-8	Dichlorodifluoromethane	1	0.0059	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0095	U	
64-17-5	Ethanol	1	0.095	U	
100-41-4	Ethyl Benzene	1	0.0059	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0095	U	
87-68-3	Hexachlorobutadiene	1	0.0059	U	
74-88-4	Iodomethane	1	0.0059	U	
98-82-8	Isopropylbenzene	1	0.0059	U	
79-20-9	Methyl acetate	1	0.0059	U	
80-62-6	Methyl Methacrylate	1	0.0059	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0059	U	
108-87-2	Methylcyclohexane	1	0.0059	U	
75-09-2	Methylene chloride	1	0.012	U	
91-20-3	Naphthalene	1	0.012	U	
104-51-8	n-Butylbenzene	1	0.0059	U	
103-65-1	n-Propylbenzene	1	0.0059	U	
95-47-6	o-Xylene	1	0.0059	U	
179601-23-1	p- & m- Xylenes	1	0.012	U	
105-05-5	p-Diethylbenzene	1	0.0059	U	
622-96-8	p-Ethyltoluene	1	0.0059	U	
99-87-6	p-Isopropyltoluene	1	0.0059	U	
135-98-8	sec-Butylbenzene	1	0.0059	U	
100-42-5	Styrene	1	0.0059	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.095	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0095	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0059	U	UJ
98-06-6	tert-Butylbenzene	1	0.0059	U	
127-18-4	Tetrachloroethylene	1	0.0059	U	
109-99-9	Tetrahydrofuran	1	0.012	U	
108-88-3	Toluene	1	0.0059	U	

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EPA 8260C

SB-4B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-11	File ID:	V3171258.D
Sampled:	12/28/22 13:29	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 13:51
Solids:	73.33	Preparation:	EPA 5035A	Initial/Final:	5.73 g / 5 ml
Batch:	BL21750	Sequence:	S3A0313	Calibration:	SL20028
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0059	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0059	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0059	U	
79-01-6	Trichloroethylene	1	0.0059	U	
75-69-4	Trichlorofluoromethane	1	0.0059	U	UJ
108-05-4	Vinyl acetate	1	0.0059	U	
75-01-4	Vinyl Chloride	1	0.0059	U	
1330-20-7	Xylenes, Total	1	0.018	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.3	101	77 - 125	
SURR: Toluene-d8	50.0	46.9	93.9	85 - 120	
SURR: p-Bromofluorobenzene	50.0	43.8	87.6	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	307654	6.07	355573	6.066	
ISTD: Chlorobenzene-d5	1453665	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	726191	12.112	858135	12.112	

* Values outside of QC limits

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EPA 8260C

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID: V3171259.D

Sampled: 12/28/22 13:38 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:17

Solids: 75.97 Preparation: EPA 5035A Initial/Final: 6.41 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0051	U	
71-55-6	1,1,1-Trichloroethane	1	0.0051	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0051	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0051	U	
79-00-5	1,1,2-Trichloroethane	1	0.0051	U	
75-34-3	1,1-Dichloroethane	1	0.0051	U	
75-35-4	1,1-Dichloroethylene	1	0.0051	U	
563-58-6	1,1-Dichloropropylene	1	0.0051	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0051	U	
96-18-4	1,2,3-Trichloropropane	1	0.0051	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0051	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0051	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0051	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0051	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0051	U	
95-50-1	1,2-Dichlorobenzene	1	0.0051	U	
107-06-2	1,2-Dichloroethane	1	0.0051	U	
78-87-5	1,2-Dichloropropane	1	0.0051	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0051	U	
541-73-1	1,3-Dichlorobenzene	1	0.0051	U	
142-28-9	1,3-Dichloropropane	1	0.0051	U	
106-46-7	1,4-Dichlorobenzene	1	0.0051	U	
123-91-1	1,4-Dioxane	1	~~0.10~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0051	U	
78-93-3	2-Butanone	1	0.0051	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.021	U	
95-49-8	2-Chlorotoluene	1	0.0051	U	
591-78-6	2-Hexanone	1	0.0051	U	
106-43-4	4-Chlorotoluene	1	0.0051	U	
108-10-1	4-Methyl-2-pentanone	1	0.0051	U	
67-64-1	Acetone	1	0.010	U	UJ
107-02-8	Acrolein	1	0.010	U	UJ
107-13-1	Acrylonitrile	1	0.0051	U	
71-43-2	Benzene	1	0.0051	U	
108-86-1	Bromobenzene	1	0.0051	U	
74-97-5	Bromochloromethane	1	0.0051	U	
75-27-4	Bromodichloromethane	1	0.0051	U	
75-25-2	Bromoform	1	0.0051	U	
74-83-9	Bromomethane	1	0.0051	U	
75-15-0	Carbon disulfide	1	0.0051	U	

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EPA 8260C

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID: V3171259.D

Sampled: 12/28/22 13:38 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:17

Solids: 75.97 Preparation: EPA 5035A Initial/Final: 6.41 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0051	U	
108-90-7	Chlorobenzene	1	0.0051	U	
75-00-3	Chloroethane	1	0.0051	U	
67-66-3	Chloroform	1	0.0051	U	
74-87-3	Chloromethane	1	0.0051	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0051	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0051	U	
110-82-7	Cyclohexane	1	0.0051	U	
124-48-1	Dibromochloromethane	1	0.0051	U	
74-95-3	Dibromomethane	1	0.0051	U	
75-71-8	Dichlorodifluoromethane	1	0.0051	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0082	U	
64-17-5	Ethanol	1	0.082	U	
100-41-4	Ethyl Benzene	1	0.0051	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0082	U	
87-68-3	Hexachlorobutadiene	1	0.0051	U	
74-88-4	Iodomethane	1	0.0051	U	
98-82-8	Isopropylbenzene	1	0.0051	U	
79-20-9	Methyl acetate	1	0.0051	U	
80-62-6	Methyl Methacrylate	1	0.0051	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0051	U	
108-87-2	Methylcyclohexane	1	0.0051	U	
75-09-2	Methylene chloride	1	0.010	U	
91-20-3	Naphthalene	1	0.010	U	
104-51-8	n-Butylbenzene	1	0.0051	U	
103-65-1	n-Propylbenzene	1	0.0051	U	
95-47-6	o-Xylene	1	0.0051	U	
179601-23-1	p- & m- Xylenes	1	0.010	U	
105-05-5	p-Diethylbenzene	1	0.0051	U	
622-96-8	p-Ethyltoluene	1	0.0051	U	
99-87-6	p-Isopropyltoluene	1	0.0051	U	
135-98-8	sec-Butylbenzene	1	0.0051	U	
100-42-5	Styrene	1	0.0051	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.082	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0082	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0051	U	UJ
98-06-6	tert-Butylbenzene	1	0.0051	U	
127-18-4	Tetrachloroethylene	1	0.0051	U	
109-99-9	Tetrahydrofuran	1	0.010	U	
108-88-3	Toluene	1	0.0051	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID: V3171259.D

Sampled: 12/28/22 13:38 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:17

Solids: 75.97 Preparation: EPA 5035A Initial/Final: 6.41 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0051	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0051	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0051	U	
79-01-6	Trichloroethylene	1	0.0051	U	
75-69-4	Trichlorofluoromethane	1	0.0051	U	UJ
108-05-4	Vinyl acetate	1	0.0051	U	
75-01-4	Vinyl Chloride	1	0.0051	U	
1330-20-7	Xylenes, Total	1	0.015	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	51.3	103	77 - 125	
SURR: Toluene-d8	50.0	46.2	92.5	85 - 120	
SURR: p-Bromofluorobenzene	50.0	42.9	85.7	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	310561	6.07	355573	6.066	
ISTD: Chlorobenzene-d5	1495883	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	760170	12.112	858135	12.112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID: V3171260.D

Sampled: 12/28/22 15:15 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:44

Solids: 81.51 Preparation: EPA 5035A Initial/Final: 4 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0077	U	
71-55-6	1,1,1-Trichloroethane	1	0.0077	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0077	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0077	U	
79-00-5	1,1,2-Trichloroethane	1	0.0077	U	
75-34-3	1,1-Dichloroethane	1	0.0077	U	
75-35-4	1,1-Dichloroethylene	1	0.0077	U	
563-58-6	1,1-Dichloropropylene	1	0.0077	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0077	U	
96-18-4	1,2,3-Trichloropropane	1	0.0077	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0077	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0077	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0077	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0077	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0077	U	
95-50-1	1,2-Dichlorobenzene	1	0.0077	U	
107-06-2	1,2-Dichloroethane	1	0.0077	U	
78-87-5	1,2-Dichloropropane	1	0.0077	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0077	U	
541-73-1	1,3-Dichlorobenzene	1	0.0077	U	
142-28-9	1,3-Dichloropropane	1	0.0077	U	
106-46-7	1,4-Dichlorobenzene	1	0.0077	U	
123-91-1	1,4-Dioxane	1	~~0.15~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0077	U	
78-93-3	2-Butanone	1	0.0077	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.031	U	
95-49-8	2-Chlorotoluene	1	0.0077	U	
591-78-6	2-Hexanone	1	0.0077	U	
106-43-4	4-Chlorotoluene	1	0.0077	U	
108-10-1	4-Methyl-2-pentanone	1	0.0077	U	
67-64-1	Acetone	1	0.015	U	UJ
107-02-8	Acrolein	1	0.015	U	UJ
107-13-1	Acrylonitrile	1	0.0077	U	
71-43-2	Benzene	1	0.0077	U	
108-86-1	Bromobenzene	1	0.0077	U	
74-97-5	Bromochloromethane	1	0.0077	U	
75-27-4	Bromodichloromethane	1	0.0077	U	
75-25-2	Bromoform	1	0.0077	U	
74-83-9	Bromomethane	1	0.0077	U	
75-15-0	Carbon disulfide	1	0.0077	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID: V3171260.D

Sampled: 12/28/22 15:15 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:44

Solids: 81.51 Preparation: EPA 5035A Initial/Final: 4 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0077	U	
108-90-7	Chlorobenzene	1	0.0077	U	
75-00-3	Chloroethane	1	0.0077	U	
67-66-3	Chloroform	1	0.0077	U	
74-87-3	Chloromethane	1	0.0077	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0077	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0077	U	
110-82-7	Cyclohexane	1	0.0077	U	
124-48-1	Dibromochloromethane	1	0.0077	U	
74-95-3	Dibromomethane	1	0.0077	U	
75-71-8	Dichlorodifluoromethane	1	0.0077	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.012	U	
64-17-5	Ethanol	1	0.12	U	
100-41-4	Ethyl Benzene	1	0.0077	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.012	U	
87-68-3	Hexachlorobutadiene	1	0.0077	U	
74-88-4	Iodomethane	1	0.0077	U	
98-82-8	Isopropylbenzene	1	0.0077	U	
79-20-9	Methyl acetate	1	0.0077	U	
80-62-6	Methyl Methacrylate	1	0.0077	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0077	U	
108-87-2	Methylcyclohexane	1	0.0077	U	
75-09-2	Methylene chloride	1	0.015	U	
91-20-3	Naphthalene	1	0.015	U	
104-51-8	n-Butylbenzene	1	0.0077	U	
103-65-1	n-Propylbenzene	1	0.0077	U	
95-47-6	o-Xylene	1	0.0077	U	
179601-23-1	p- & m- Xylenes	1	0.015	U	
105-05-5	p-Diethylbenzene	1	0.0077	U	
622-96-8	p-Ethyltoluene	1	0.0077	U	
99-87-6	p-Isopropyltoluene	1	0.0077	U	
135-98-8	sec-Butylbenzene	1	0.0077	U	
100-42-5	Styrene	1	0.0077	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.12	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.012	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0077	U	UJ
98-06-6	tert-Butylbenzene	1	0.0077	U	
127-18-4	Tetrachloroethylene	1	0.0077	U	
109-99-9	Tetrahydrofuran	1	0.015	U	
108-88-3	Toluene	1	0.0077	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID: V3171260.D

Sampled: 12/28/22 15:15 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:44

Solids: 81.51 Preparation: EPA 5035A Initial/Final: 4 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0077	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0077	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0077	U	
79-01-6	Trichloroethylene	1	0.0077	U	
75-69-4	Trichlorofluoromethane	1	0.0077	U	UJ
108-05-4	Vinyl acetate	1	0.0077	U	
75-01-4	Vinyl Chloride	1	0.0077	U	
1330-20-7	Xylenes, Total	1	0.023	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.5	101	77 - 125	
SURR: Toluene-d8	50.0	47.2	94.5	85 - 120	
SURR: p-Bromofluorobenzene	50.0	44.7	89.5	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	295325	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1387135	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	650438	12.112	858135	12.112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID: V3171261.D

Sampled: 12/28/22 15:29 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 15:10

Solids: 87.80 Preparation: EPA 5035A Initial/Final: 4.9 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0058	U	
71-55-6	1,1,1-Trichloroethane	1	0.0058	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0058	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0058	U	
79-00-5	1,1,2-Trichloroethane	1	0.0058	U	
75-34-3	1,1-Dichloroethane	1	0.0058	U	
75-35-4	1,1-Dichloroethylene	1	0.0058	U	
563-58-6	1,1-Dichloropropylene	1	0.0058	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0058	U	
96-18-4	1,2,3-Trichloropropane	1	0.0058	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0058	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0058	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0058	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0058	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0058	U	
95-50-1	1,2-Dichlorobenzene	1	0.0058	U	
107-06-2	1,2-Dichloroethane	1	0.0058	U	
78-87-5	1,2-Dichloropropane	1	0.0058	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0058	U	
541-73-1	1,3-Dichlorobenzene	1	0.0058	U	
142-28-9	1,3-Dichloropropane	1	0.0058	U	
106-46-7	1,4-Dichlorobenzene	1	0.0058	U	
123-91-1	1,4-Dioxane	1	~~0.12~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0058	U	
78-93-3	2-Butanone	1	0.0056	J	J
110-75-8	2-Chloroethylvinyl ether	1	0.023	U	
95-49-8	2-Chlorotoluene	1	0.0058	U	
591-78-6	2-Hexanone	1	0.0058	U	
106-43-4	4-Chlorotoluene	1	0.0058	U	
108-10-1	4-Methyl-2-pentanone	1	0.0058	U	
67-64-1	Acetone	1	0.028		J
107-02-8	Acrolein	1	0.012	U	UJ
107-13-1	Acrylonitrile	1	0.0058	U	
71-43-2	Benzene	1	0.0058	U	
108-86-1	Bromobenzene	1	0.0058	U	
74-97-5	Bromochloromethane	1	0.0058	U	
75-27-4	Bromodichloromethane	1	0.0058	U	
75-25-2	Bromoform	1	0.0058	U	
74-83-9	Bromomethane	1	0.0058	U	
75-15-0	Carbon disulfide	1	0.0058	U	

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EPA 8260C

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID: V3171261.D

Sampled: 12/28/22 15:29 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 15:10

Solids: 87.80 Preparation: EPA 5035A Initial/Final: 4.9 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0058	U	
108-90-7	Chlorobenzene	1	0.0058	U	
75-00-3	Chloroethane	1	0.0058	U	
67-66-3	Chloroform	1	0.0058	U	
74-87-3	Chloromethane	1	0.0058	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0058	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0058	U	
110-82-7	Cyclohexane	1	0.0058	U	
124-48-1	Dibromochloromethane	1	0.0058	U	
74-95-3	Dibromomethane	1	0.0058	U	
75-71-8	Dichlorodifluoromethane	1	0.0058	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0093	U	
64-17-5	Ethanol	1	0.093	U	
100-41-4	Ethyl Benzene	1	0.0058	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0093	U	
87-68-3	Hexachlorobutadiene	1	0.0058	U	
74-88-4	Iodomethane	1	0.0058	U	
98-82-8	Isopropylbenzene	1	0.0058	U	
79-20-9	Methyl acetate	1	0.0058	U	
80-62-6	Methyl Methacrylate	1	0.0058	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0058	U	
108-87-2	Methylcyclohexane	1	0.0058	U	
75-09-2	Methylene chloride	1	0.012	U	
91-20-3	Naphthalene	1	0.012	U	
104-51-8	n-Butylbenzene	1	0.0058	U	
103-65-1	n-Propylbenzene	1	0.0058	U	
95-47-6	o-Xylene	1	0.0058	U	
179601-23-1	p- & m- Xylenes	1	0.012	U	
105-05-5	p-Diethylbenzene	1	0.0058	U	
622-96-8	p-Ethyltoluene	1	0.0058	U	
99-87-6	p-Isopropyltoluene	1	0.0058	U	
135-98-8	sec-Butylbenzene	1	0.0058	U	
100-42-5	Styrene	1	0.0058	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.093	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0093	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0058	U	UJ
98-06-6	tert-Butylbenzene	1	0.0058	U	
127-18-4	Tetrachloroethylene	1	0.0058	U	
109-99-9	Tetrahydrofuran	1	0.012	U	
108-88-3	Toluene	1	0.0058	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-14	File ID:	V3171261.D
Sampled:	12/28/22 15:29	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 15:10
Solids:	87.80	Preparation:	EPA 5035A	Initial/Final:	4.9 g / 5 ml
Batch:	BL21750	Sequence:	S3A0313	Calibration:	SL20028
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0058	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0058	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0058	U	
79-01-6	Trichloroethylene	1	0.0058	U	
75-69-4	Trichlorofluoromethane	1	0.0058	U	UJ
108-05-4	Vinyl acetate	1	0.0058	U	
75-01-4	Vinyl Chloride	1	0.0058	U	
1330-20-7	Xylenes, Total	1	0.017	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.0	97.9	77 - 125	
SURR: Toluene-d8	50.0	47.3	94.6	85 - 120	
SURR: p-Bromofluorobenzene	50.0	45.1	90.2	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	326547	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1525363	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	721074	12.112	858135	12.112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID: V3171262.D

Sampled: 12/28/22 15:43 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 15:36

Solids: 80.03 Preparation: EPA 5035A Initial/Final: 5.36 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0058	U	
71-55-6	1,1,1-Trichloroethane	1	0.0058	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0058	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0058	U	
79-00-5	1,1,2-Trichloroethane	1	0.0058	U	
75-34-3	1,1-Dichloroethane	1	0.0058	U	
75-35-4	1,1-Dichloroethylene	1	0.0058	U	
563-58-6	1,1-Dichloropropylene	1	0.0058	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0058	U	
96-18-4	1,2,3-Trichloropropane	1	0.0058	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0053	J	
120-82-1	1,2,4-Trichlorobenzene	1	0.0058	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.21		
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0058	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0058	U	
95-50-1	1,2-Dichlorobenzene	1	0.0043	J	
107-06-2	1,2-Dichloroethane	1	0.0058	U	
78-87-5	1,2-Dichloropropane	1	0.0058	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.073		
541-73-1	1,3-Dichlorobenzene	1	0.0058	U	
142-28-9	1,3-Dichloropropane	1	0.0058	U	
106-46-7	1,4-Dichlorobenzene	1	0.11		
123-91-1	1,4-Dioxane	1	0.12	U	R
594-20-7	2,2-Dichloropropane	1	0.0058	U	
78-93-3	2-Butanone	1	0.011		J
110-75-8	2-Chloroethylvinyl ether	1	0.023	U	
95-49-8	2-Chlorotoluene	1	0.0058	U	
591-78-6	2-Hexanone	1	0.0058	U	
106-43-4	4-Chlorotoluene	1	0.0058	U	
108-10-1	4-Methyl-2-pentanone	1	0.0058	U	
67-64-1	Acetone	1	0.036		J
107-02-8	Acrolein	1	0.012	U	UJ
107-13-1	Acrylonitrile	1	0.0058	U	
71-43-2	Benzene	1	0.0058	U	
108-86-1	Bromobenzene	1	0.0058	U	
74-97-5	Bromochloromethane	1	0.0058	U	
75-27-4	Bromodichloromethane	1	0.0058	U	
75-25-2	Bromoform	1	0.0058	U	
74-83-9	Bromomethane	1	0.0058	U	
75-15-0	Carbon disulfide	1	0.016		

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID: V3171262.D

Sampled: 12/28/22 15:43 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 15:36

Solids: 80.03 Preparation: EPA 5035A Initial/Final: 5.36 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0058	U	
108-90-7	Chlorobenzene	1	0.018		
75-00-3	Chloroethane	1	0.0058	U	
67-66-3	Chloroform	1	0.0058	U	
74-87-3	Chloromethane	1	0.0058	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0063		
10061-01-5	cis-1,3-Dichloropropylene	1	0.0058	U	
110-82-7	Cyclohexane	1	0.0058	U	
124-48-1	Dibromochloromethane	1	0.0058	U	
74-95-3	Dibromomethane	1	0.0058	U	
75-71-8	Dichlorodifluoromethane	1	0.0058	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0093	U	
64-17-5	Ethanol	1	0.093	U	
100-41-4	Ethyl Benzene	1	0.030		
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0093	U	
87-68-3	Hexachlorobutadiene	1	0.0058	U	
74-88-4	Iodomethane	1	0.0058	U	
98-82-8	Isopropylbenzene	1	0.010		
79-20-9	Methyl acetate	1	0.0058	U	
80-62-6	Methyl Methacrylate	1	0.0058	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0058	U	
108-87-2	Methylcyclohexane	1	0.0058	U	
75-09-2	Methylene chloride	1	0.012	U	
91-20-3	Naphthalene	1	0.010	J	
104-51-8	n-Butylbenzene	1	0.0050	J	
103-65-1	n-Propylbenzene	1	0.017		
95-47-6	o-Xylene	1	0.049		
179601-23-1	p- & m- Xylenes	1	0.22		
105-05-5	p-Diethylbenzene	1	0.025		
622-96-8	p-Ethyltoluene	1	0.012		
99-87-6	p-Isopropyltoluene	1	0.17		
135-98-8	sec-Butylbenzene	1	0.0072		
100-42-5	Styrene	1	0.0058	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.093	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0093	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0058	U	UJ
98-06-6	tert-Butylbenzene	1	0.0058	U	
127-18-4	Tetrachloroethylene	1	0.0058	U	
109-99-9	Tetrahydrofuran	1	0.012	U	
108-88-3	Toluene	1	0.038		

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-15	File ID:	V3171262.D
Sampled:	12/28/22 15:43	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 15:36
Solids:	80.03	Preparation:	EPA 5035A	Initial/Final:	5.36 g / 5 ml
Batch:	BL21750	Sequence:	S3A0313	Calibration:	SL20028
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0058	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0058	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0058	U	
79-01-6	Trichloroethylene	1	0.0058	U	
75-69-4	Trichlorofluoromethane	1	0.0058	U	UJ
108-05-4	Vinyl acetate	1	0.0058	U	
75-01-4	Vinyl Chloride	1	0.0058	U	
1330-20-7	Xylenes, Total	1	0.27		

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	51.3	103	77 - 125	
SURR: Toluene-d8	50.0	46.3	92.6	85 - 120	
SURR: p-Bromofluorobenzene	50.0	46.8	93.7	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	297272	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1428296	9.115	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	701868	12.112	858135	12.112	

* Values outside of QC limits

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID: V3171263.D

Sampled: 12/28/22 15:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 16:02

Solids: 75.26 Preparation: EPA 5035A Initial/Final: 5.45 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0061	U	
71-55-6	1,1,1-Trichloroethane	1	0.0061	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0061	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0061	U	
79-00-5	1,1,2-Trichloroethane	1	0.0061	U	
75-34-3	1,1-Dichloroethane	1	0.0061	U	
75-35-4	1,1-Dichloroethylene	1	0.0061	U	
563-58-6	1,1-Dichloropropylene	1	0.0061	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0061	U	
96-18-4	1,2,3-Trichloropropane	1	0.0061	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0061	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0061	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0061	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0061	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0061	U	
95-50-1	1,2-Dichlorobenzene	1	0.0061	U	
107-06-2	1,2-Dichloroethane	1	0.0061	U	
78-87-5	1,2-Dichloropropane	1	0.0061	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0061	U	
541-73-1	1,3-Dichlorobenzene	1	0.0061	U	
142-28-9	1,3-Dichloropropane	1	0.0061	U	
106-46-7	1,4-Dichlorobenzene	1	0.0061	U	
123-91-1	1,4-Dioxane	1	~~0.12~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0061	U	
78-93-3	2-Butanone	1	0.0061	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.024	U	
95-49-8	2-Chlorotoluene	1	0.0061	U	
591-78-6	2-Hexanone	1	0.0061	U	
106-43-4	4-Chlorotoluene	1	0.0061	U	
108-10-1	4-Methyl-2-pentanone	1	0.0061	U	
67-64-1	Acetone	1	0.012	U	UJ
107-02-8	Acrolein	1	0.012	U	UJ
107-13-1	Acrylonitrile	1	0.0061	U	
71-43-2	Benzene	1	0.0061	U	
108-86-1	Bromobenzene	1	0.0061	U	
74-97-5	Bromochloromethane	1	0.0061	U	
75-27-4	Bromodichloromethane	1	0.0061	U	
75-25-2	Bromoform	1	0.0061	U	
74-83-9	Bromomethane	1	0.0061	U	
75-15-0	Carbon disulfide	1	0.0061	U	

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EPA 8260C

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID: V3171263.D

Sampled: 12/28/22 15:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 16:02

Solids: 75.26 Preparation: EPA 5035A Initial/Final: 5.45 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0061	U	
108-90-7	Chlorobenzene	1	0.0061	U	
75-00-3	Chloroethane	1	0.0061	U	
67-66-3	Chloroform	1	0.0061	U	
74-87-3	Chloromethane	1	0.0061	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0061	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0061	U	
110-82-7	Cyclohexane	1	0.0061	U	
124-48-1	Dibromochloromethane	1	0.0061	U	
74-95-3	Dibromomethane	1	0.0061	U	
75-71-8	Dichlorodifluoromethane	1	0.0061	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0098	U	
64-17-5	Ethanol	1	0.098	U	
100-41-4	Ethyl Benzene	1	0.0061	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0098	U	
87-68-3	Hexachlorobutadiene	1	0.0061	U	
74-88-4	Iodomethane	1	0.0061	U	
98-82-8	Isopropylbenzene	1	0.0061	U	
79-20-9	Methyl acetate	1	0.0061	U	
80-62-6	Methyl Methacrylate	1	0.0061	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0061	U	
108-87-2	Methylcyclohexane	1	0.0061	U	
75-09-2	Methylene chloride	1	0.012	U	
91-20-3	Naphthalene	1	0.012	U	
104-51-8	n-Butylbenzene	1	0.0061	U	
103-65-1	n-Propylbenzene	1	0.0061	U	
95-47-6	o-Xylene	1	0.0061	U	
179601-23-1	p- & m- Xylenes	1	0.012	U	
105-05-5	p-Diethylbenzene	1	0.0061	U	
622-96-8	p-Ethyltoluene	1	0.0061	U	
99-87-6	p-Isopropyltoluene	1	0.0061	U	
135-98-8	sec-Butylbenzene	1	0.0061	U	
100-42-5	Styrene	1	0.0061	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.098	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0098	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0061	U	UJ
98-06-6	tert-Butylbenzene	1	0.0061	U	
127-18-4	Tetrachloroethylene	1	0.0061	U	
109-99-9	Tetrahydrofuran	1	0.012	U	
108-88-3	Toluene	1	0.0061	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID: V3171263.D

Sampled: 12/28/22 15:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 16:02

Solids: 75.26 Preparation: EPA 5035A Initial/Final: 5.45 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0061	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0061	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0061	U	
79-01-6	Trichloroethylene	1	0.0061	U	
75-69-4	Trichlorofluoromethane	1	0.0061	U	UJ
108-05-4	Vinyl acetate	1	0.0061	U	
75-01-4	Vinyl Chloride	1	0.0061	U	
1330-20-7	Xylenes, Total	1	0.018	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.6	99.2	77 - 125	
SURR: Toluene-d8	50.0	46.2	92.4	85 - 120	
SURR: p-Bromofluorobenzene	50.0	43.2	86.5	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	326619	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1564408	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	783669	12.112	858135	12.112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-17 File ID: V3171264.D

Sampled: 12/28/22 16:25 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 16:29

Solids: 89.04 Preparation: EPA 5035A Initial/Final: 6.95 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0040	U	
71-55-6	1,1,1-Trichloroethane	1	0.0040	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0040	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0040	U	
79-00-5	1,1,2-Trichloroethane	1	0.0040	U	
75-34-3	1,1-Dichloroethane	1	0.0040	U	
75-35-4	1,1-Dichloroethylene	1	0.0040	U	
563-58-6	1,1-Dichloropropylene	1	0.0040	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0040	U	
96-18-4	1,2,3-Trichloropropane	1	0.0040	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0040	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0040	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0040	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0040	U	UJ
106-93-4	1,2-Dibromoethane	1	0.0040	U	
95-50-1	1,2-Dichlorobenzene	1	0.0040	U	
107-06-2	1,2-Dichloroethane	1	0.0040	U	
78-87-5	1,2-Dichloropropane	1	0.0040	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0040	U	
541-73-1	1,3-Dichlorobenzene	1	0.0040	U	
142-28-9	1,3-Dichloropropane	1	0.0040	U	
106-46-7	1,4-Dichlorobenzene	1	0.0040	U	
123-91-1	1,4-Dioxane	1	~~0.081~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0040	U	
78-93-3	2-Butanone	1	0.0040	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.016	U	
95-49-8	2-Chlorotoluene	1	0.0040	U	
591-78-6	2-Hexanone	1	0.0040	U	
106-43-4	4-Chlorotoluene	1	0.0040	U	
108-10-1	4-Methyl-2-pentanone	1	0.0040	U	
67-64-1	Acetone	1	0.0081	U	UJ
107-02-8	Acrolein	1	0.0081	U	UJ
107-13-1	Acrylonitrile	1	0.0040	U	
71-43-2	Benzene	1	0.0040	U	
108-86-1	Bromobenzene	1	0.0040	U	
74-97-5	Bromochloromethane	1	0.0040	U	
75-27-4	Bromodichloromethane	1	0.0040	U	
75-25-2	Bromoform	1	0.0040	U	
74-83-9	Bromomethane	1	0.0040	U	
75-15-0	Carbon disulfide	1	0.0040	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-17 File ID: V3171264.D

Sampled: 12/28/22 16:25 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 16:29

Solids: 89.04 Preparation: EPA 5035A Initial/Final: 6.95 g / 5 ml

Batch: BL21750 Sequence: S3A0313 Calibration: SL20028 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0040	U	
108-90-7	Chlorobenzene	1	0.0040	U	
75-00-3	Chloroethane	1	0.0040	U	
67-66-3	Chloroform	1	0.0040	U	
74-87-3	Chloromethane	1	0.0040	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0040	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0040	U	
110-82-7	Cyclohexane	1	0.0040	U	
124-48-1	Dibromochloromethane	1	0.0040	U	
74-95-3	Dibromomethane	1	0.0040	U	
75-71-8	Dichlorodifluoromethane	1	0.0040	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0065	U	
64-17-5	Ethanol	1	0.065	U	
100-41-4	Ethyl Benzene	1	0.0040	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0065	U	
87-68-3	Hexachlorobutadiene	1	0.0040	U	
74-88-4	Iodomethane	1	0.0040	U	
98-82-8	Isopropylbenzene	1	0.0040	U	
79-20-9	Methyl acetate	1	0.0040	U	
80-62-6	Methyl Methacrylate	1	0.0040	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0040	U	
108-87-2	Methylcyclohexane	1	0.0040	U	
75-09-2	Methylene chloride	1	0.0081	U	
91-20-3	Naphthalene	1	0.0081	U	
104-51-8	n-Butylbenzene	1	0.0040	U	
103-65-1	n-Propylbenzene	1	0.0040	U	
95-47-6	o-Xylene	1	0.0040	U	
179601-23-1	p- & m- Xylenes	1	0.0081	U	
105-05-5	p-Diethylbenzene	1	0.0040	U	
622-96-8	p-Ethyltoluene	1	0.0040	U	
99-87-6	p-Isopropyltoluene	1	0.0040	U	
135-98-8	sec-Butylbenzene	1	0.0040	U	
100-42-5	Styrene	1	0.0040	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.065	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0065	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0040	U	UJ
98-06-6	tert-Butylbenzene	1	0.0040	U	
127-18-4	Tetrachloroethylene	1	0.0040	U	
109-99-9	Tetrahydrofuran	1	0.0081	U	
108-88-3	Toluene	1	0.0040	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-17 | File ID: V3171264.D

Sampled: 12/28/22 16:25 | Prepared: 12/30/22 09:00 | Analyzed: 12/30/22 16:29

Solids: 89.04 | Preparation: EPA 5035A | Initial/Final: 6.95 g / 5 ml

Batch: BL21750 | Sequence: S3A0313 | Calibration: SL20028 | Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0040	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0040	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0040	U	
79-01-6	Trichloroethylene	1	0.0040	U	
75-69-4	Trichlorofluoromethane	1	0.0040	U	UJ
108-05-4	Vinyl acetate	1	0.0040	U	
75-01-4	Vinyl Chloride	1	0.0040	U	
1330-20-7	Xylenes, Total	1	0.012	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.9	99.8	77 - 125	
SURR: Toluene-d8	50.0	46.7	93.3	85 - 120	
SURR: p-Bromofluorobenzene	50.0	43.4	86.8	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	302421	6.066	355573	6.066	
ISTD: Chlorobenzene-d5	1446682	9.112	1697632	9.112	
ISTD: 1,2-Dichlorobenzene-d4	714302	12.112	858135	12.112	

* Values outside of QC limits

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID: V5428625.D

Sampled: 12/28/22 16:42 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:38

Solids: 77.50 Preparation: EPA 5035A Initial/Final: 5.99 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0054	U	
71-55-6	1,1,1-Trichloroethane	1	0.0054	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0054	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0054	U	
79-00-5	1,1,2-Trichloroethane	1	0.0054	U	
75-34-3	1,1-Dichloroethane	1	0.0054	U	
75-35-4	1,1-Dichloroethylene	1	0.0054	U	
563-58-6	1,1-Dichloropropylene	1	0.0054	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0054	U	
96-18-4	1,2,3-Trichloropropane	1	0.0054	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0043	J	
120-82-1	1,2,4-Trichlorobenzene	1	0.0054	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0054	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0054	U	
106-93-4	1,2-Dibromoethane	1	0.0054	U	
95-50-1	1,2-Dichlorobenzene	1	0.0054	U	
107-06-2	1,2-Dichloroethane	1	0.0054	U	
78-87-5	1,2-Dichloropropane	1	0.0054	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0054	U	
541-73-1	1,3-Dichlorobenzene	1	0.0054	U	
142-28-9	1,3-Dichloropropane	1	0.0054	U	
106-46-7	1,4-Dichlorobenzene	1	0.0054	U	
123-91-1	1,4-Dioxane	1	~~0.11~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0054	U	
78-93-3	2-Butanone	1	0.0060		J
110-75-8	2-Chloroethylvinyl ether	1	0.022	U	
95-49-8	2-Chlorotoluene	1	0.0054	U	
591-78-6	2-Hexanone	1	0.0054	U	UJ
106-43-4	4-Chlorotoluene	1	0.0054	U	
108-10-1	4-Methyl-2-pentanone	1	0.0054	U	
67-64-1	Acetone	1	0.019		J
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0054	U	
71-43-2	Benzene	1	0.0054	U	
108-86-1	Bromobenzene	1	0.0054	U	
74-97-5	Bromochloromethane	1	0.0054	U	
75-27-4	Bromodichloromethane	1	0.0054	U	
75-25-2	Bromoform	1	0.0054	U	UJ
74-83-9	Bromomethane	1	0.0054	U	
75-15-0	Carbon disulfide	1	0.0054	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID: V5428625.D

Sampled: 12/28/22 16:42 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:38

Solids: 77.50 Preparation: EPA 5035A Initial/Final: 5.99 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0054	U	
108-90-7	Chlorobenzene	1	0.0054	U	
75-00-3	Chloroethane	1	0.0054	U	
67-66-3	Chloroform	1	0.0054	U	
74-87-3	Chloromethane	1	0.0054	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0054	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0054	U	
110-82-7	Cyclohexane	1	0.0054	U	
124-48-1	Dibromochloromethane	1	0.0054	U	
74-95-3	Dibromomethane	1	0.0054	U	
75-71-8	Dichlorodifluoromethane	1	0.0054	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0086	U	
64-17-5	Ethanol	1	~~0.086~~	U	R
100-41-4	Ethyl Benzene	1	0.0054	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0086	U	
87-68-3	Hexachlorobutadiene	1	0.0054	U	
74-88-4	Iodomethane	1	0.0054	U	
98-82-8	Isopropylbenzene	1	0.0054	U	
79-20-9	Methyl acetate	1	0.0054	U	
80-62-6	Methyl Methacrylate	1	0.0054	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0054	U	
108-87-2	Methylcyclohexane	1	0.0054	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0054	U	
103-65-1	n-Propylbenzene	1	0.0054	U	
95-47-6	o-Xylene	1	0.0054	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0054	U	
622-96-8	p-Ethyltoluene	1	0.0054	U	
99-87-6	p-Isopropyltoluene	1	0.0054	U	
135-98-8	sec-Butylbenzene	1	0.0054	U	
100-42-5	Styrene	1	0.0054	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.086	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0086	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0054	U	
98-06-6	tert-Butylbenzene	1	0.0054	U	
127-18-4	Tetrachloroethylene	1	0.0054	U	
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0054	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID: V5428625.D

Sampled: 12/28/22 16:42 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 12:38

Solids: 77.50 Preparation: EPA 5035A Initial/Final: 5.99 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0054	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0054	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0054	U	
79-01-6	Trichloroethylene	1	0.0054	U	
75-69-4	Trichlorofluoromethane	1	0.0054	U	UJ
108-05-4	Vinyl acetate	1	0.0054	U	
75-01-4	Vinyl Chloride	1	0.0054	U	
1330-20-7	Xylenes, Total	1	0.016	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	43.2	86.3	77 - 125	
SURR: Toluene-d8	50.0	50.7	101	85 - 120	
SURR: p-Bromofluorobenzene	50.0	49.6	99.2	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	327676	5.691	337459	5.691	
ISTD: Chlorobenzene-d5	1158763	8.72	1217634	8.72	
ISTD: 1,2-Dichlorobenzene-d4	450539	11.694	487302	11.691	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-19 File ID: V5428626.D

Sampled: 12/28/22 16:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:05

Solids: 69.32 Preparation: EPA 5035A Initial/Final: 5.22 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0069	U	
71-55-6	1,1,1-Trichloroethane	1	0.0069	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0069	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0069	U	
79-00-5	1,1,2-Trichloroethane	1	0.0069	U	
75-34-3	1,1-Dichloroethane	1	0.0069	U	
75-35-4	1,1-Dichloroethylene	1	0.0069	U	
563-58-6	1,1-Dichloropropylene	1	0.0069	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0069	U	
96-18-4	1,2,3-Trichloropropane	1	0.0069	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0069	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0069	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0069	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0069	U	
106-93-4	1,2-Dibromoethane	1	0.0069	U	
95-50-1	1,2-Dichlorobenzene	1	0.0069	U	
107-06-2	1,2-Dichloroethane	1	0.0069	U	
78-87-5	1,2-Dichloropropane	1	0.0069	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0069	U	
541-73-1	1,3-Dichlorobenzene	1	0.0069	U	
142-28-9	1,3-Dichloropropane	1	0.0069	U	
106-46-7	1,4-Dichlorobenzene	1	0.0069	U	
123-91-1	1,4-Dioxane	1	~~0.14~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0069	U	
78-93-3	2-Butanone	1	0.0069	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.028	U	
95-49-8	2-Chlorotoluene	1	0.0069	U	
591-78-6	2-Hexanone	1	0.0069	U	UJ
106-43-4	4-Chlorotoluene	1	0.0069	U	
108-10-1	4-Methyl-2-pentanone	1	0.0069	U	
67-64-1	Acetone	1	0.014	U	
107-02-8	Acrolein	1	0.014	U	UJ
107-13-1	Acrylonitrile	1	0.0069	U	
71-43-2	Benzene	1	0.0069	U	
108-86-1	Bromobenzene	1	0.0069	U	
74-97-5	Bromochloromethane	1	0.0069	U	
75-27-4	Bromodichloromethane	1	0.0069	U	
75-25-2	Bromoform	1	0.0069	U	UJ
74-83-9	Bromomethane	1	0.0069	U	
75-15-0	Carbon disulfide	1	0.0069	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-19 File ID: V5428626.D

Sampled: 12/28/22 16:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:05

Solids: 69.32 Preparation: EPA 5035A Initial/Final: 5.22 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0069	U	
108-90-7	Chlorobenzene	1	0.0080		
75-00-3	Chloroethane	1	0.0069	U	
67-66-3	Chloroform	1	0.0069	U	
74-87-3	Chloromethane	1	0.0069	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0069	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0069	U	
110-82-7	Cyclohexane	1	0.0069	U	
124-48-1	Dibromochloromethane	1	0.0069	U	
74-95-3	Dibromomethane	1	0.0069	U	
75-71-8	Dichlorodifluoromethane	1	0.0069	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.011	U	
64-17-5	Ethanol	1	~~0.11~~	U	R
100-41-4	Ethyl Benzene	1	0.0069	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.011	U	
87-68-3	Hexachlorobutadiene	1	0.0069	U	
74-88-4	Iodomethane	1	0.0069	U	
98-82-8	Isopropylbenzene	1	0.0069	U	
79-20-9	Methyl acetate	1	0.0069	U	
80-62-6	Methyl Methacrylate	1	0.0069	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0069	U	
108-87-2	Methylcyclohexane	1	0.0069	U	
75-09-2	Methylene chloride	1	0.014	U	
91-20-3	Naphthalene	1	0.014	U	
104-51-8	n-Butylbenzene	1	0.0069	U	
103-65-1	n-Propylbenzene	1	0.0069	U	
95-47-6	o-Xylene	1	0.0069	U	
179601-23-1	p- & m- Xylenes	1	0.014	U	
105-05-5	p-Diethylbenzene	1	0.0069	U	
622-96-8	p-Ethyltoluene	1	0.0069	U	
99-87-6	p-Isopropyltoluene	1	0.0069	U	
135-98-8	sec-Butylbenzene	1	0.0069	U	
100-42-5	Styrene	1	0.0069	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.11	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.011	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0069	U	
98-06-6	tert-Butylbenzene	1	0.0069	U	
127-18-4	Tetrachloroethylene	1	0.0069	U	
109-99-9	Tetrahydrofuran	1	0.014	U	
108-88-3	Toluene	1	0.0069	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-6C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-19	File ID:	V5428626.D
Sampled:	12/28/22 16:59	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 13:05
Solids:	69.32	Preparation:	EPA 5035A	Initial/Final:	5.22 g / 5 ml
Batch:	BL21751	Sequence:	S3A0314	Calibration:	SL20014
Instrument:	VOA No. 5				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0069	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0069	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0069	U	
79-01-6	Trichloroethylene	1	0.0069	U	
75-69-4	Trichlorofluoromethane	1	0.0069	U	UJ
108-05-4	Vinyl acetate	1	0.0069	U	
75-01-4	Vinyl Chloride	1	0.0069	U	
1330-20-7	Xylenes, Total	1	0.021	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	43.4	86.9	77 - 125	
SURR: Toluene-d8	50.0	50.4	101	85 - 120	
SURR: p-Bromofluorobenzene	50.0	49.1	98.3	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	341538	5.691	337459	5.691	
ISTD: Chlorobenzene-d5	1230957	8.72	1217634	8.72	
ISTD: 1,2-Dichlorobenzene-d4	481478	11.694	487302	11.691	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID: V5428627.D

Sampled: 12/28/22 14:14 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:32

Solids: 93.73 Preparation: EPA 5035A Initial/Final: 6.04 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0044	U	
71-55-6	1,1,1-Trichloroethane	1	0.0044	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0044	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0044	U	
79-00-5	1,1,2-Trichloroethane	1	0.0044	U	
75-34-3	1,1-Dichloroethane	1	0.0044	U	
75-35-4	1,1-Dichloroethylene	1	0.0044	U	
563-58-6	1,1-Dichloropropylene	1	0.0044	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0044	U	
96-18-4	1,2,3-Trichloropropane	1	0.0044	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0044	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0044	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0044	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0044	U	
106-93-4	1,2-Dibromoethane	1	0.0044	U	
95-50-1	1,2-Dichlorobenzene	1	0.0044	U	
107-06-2	1,2-Dichloroethane	1	0.0044	U	
78-87-5	1,2-Dichloropropane	1	0.0044	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0044	U	
541-73-1	1,3-Dichlorobenzene	1	0.0044	U	
142-28-9	1,3-Dichloropropane	1	0.0044	U	
106-46-7	1,4-Dichlorobenzene	1	0.0044	U	
123-91-1	1,4-Dioxane	1	~~0.088~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0044	U	
78-93-3	2-Butanone	1	0.0044	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.018	U	
95-49-8	2-Chlorotoluene	1	0.0044	U	
591-78-6	2-Hexanone	1	0.0044	U	UJ
106-43-4	4-Chlorotoluene	1	0.0044	U	
108-10-1	4-Methyl-2-pentanone	1	0.0044	U	
67-64-1	Acetone	1	0.012		J
107-02-8	Acrolein	1	0.0088	U	
107-13-1	Acrylonitrile	1	0.0044	U	
71-43-2	Benzene	1	0.0044	U	
108-86-1	Bromobenzene	1	0.0044	U	
74-97-5	Bromochloromethane	1	0.0044	U	
75-27-4	Bromodichloromethane	1	0.0044	U	
75-25-2	Bromoform	1	0.0044	U	UJ
74-83-9	Bromomethane	1	0.0044	U	
75-15-0	Carbon disulfide	1	0.0044	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID: V5428627.D

Sampled: 12/28/22 14:14 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 13:32

Solids: 93.73 Preparation: EPA 5035A Initial/Final: 6.04 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0044	U	
108-90-7	Chlorobenzene	1	0.0044	U	
75-00-3	Chloroethane	1	0.0044	U	
67-66-3	Chloroform	1	0.0044	U	
74-87-3	Chloromethane	1	0.0044	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0044	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0044	U	
110-82-7	Cyclohexane	1	0.0044	U	
124-48-1	Dibromochloromethane	1	0.0044	U	
74-95-3	Dibromomethane	1	0.0044	U	
75-71-8	Dichlorodifluoromethane	1	0.0044	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0071	U	
64-17-5	Ethanol	1	~~0.071~~	U	R
100-41-4	Ethyl Benzene	1	0.0044	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0071	U	
87-68-3	Hexachlorobutadiene	1	0.0044	U	
74-88-4	Iodomethane	1	0.0044	U	
98-82-8	Isopropylbenzene	1	0.0044	U	
79-20-9	Methyl acetate	1	0.0044	U	
80-62-6	Methyl Methacrylate	1	0.0044	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0044	U	
108-87-2	Methylcyclohexane	1	0.0044	U	
75-09-2	Methylene chloride	1	0.0088	U	
91-20-3	Naphthalene	1	0.0088	U	
104-51-8	n-Butylbenzene	1	0.0044	U	
103-65-1	n-Propylbenzene	1	0.0044	U	
95-47-6	o-Xylene	1	0.0044	U	
179601-23-1	p- & m- Xylenes	1	0.0088	U	
105-05-5	p-Diethylbenzene	1	0.0044	U	
622-96-8	p-Ethyltoluene	1	0.0044	U	
99-87-6	p-Isopropyltoluene	1	0.0044	U	
135-98-8	sec-Butylbenzene	1	0.0044	U	
100-42-5	Styrene	1	0.0044	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.071	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0071	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0044	U	
98-06-6	tert-Butylbenzene	1	0.0044	U	
127-18-4	Tetrachloroethylene	1	0.0044	U	
109-99-9	Tetrahydrofuran	1	0.0088	U	
108-88-3	Toluene	1	0.0044	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-20 | File ID: V5428627.D

Sampled: 12/28/22 14:14 | Prepared: 12/30/22 09:00 | Analyzed: 12/30/22 13:32

Solids: 93.73 | Preparation: EPA 5035A | Initial/Final: 6.04 g / 5 ml

Batch: BL21751 | Sequence: S3A0314 | Calibration: SL20014 | Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
156-60-5	trans-1,2-Dichloroethylene	1	0.0044	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.0044	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.0044	U
79-01-6	Trichloroethylene	1	0.0044	U
75-69-4	Trichlorofluoromethane	1	0.0044	U
108-05-4	Vinyl acetate	1	0.0044	U
75-01-4	Vinyl Chloride	1	0.0044	U
1330-20-7	Xylenes, Total	1	0.013	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	45.2	90.3	77 - 125	
SURR: Toluene-d8	50.0	51.3	103	85 - 120	
SURR: p-Bromofluorobenzene	50.0	53.8	108	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	322055	5.691	337459	5.691	
ISTD: Chlorobenzene-d5	1131154	8.72	1217634	8.72	
ISTD: 1,2-Dichlorobenzene-d4	395759	11.694	487302	11.691	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID: V5428643.D

Sampled: 12/28/22 14:38 Prepared: 01/03/23 09:00 Analyzed: 01/03/23 12:40

Solids: 70.74 Preparation: EPA 5035A Initial/Final: 4.98 g / 5 ml

Batch: BA30022 Sequence: S3A0414 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0071	U	
71-55-6	1,1,1-Trichloroethane	1	0.0071	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0071	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0071	U	
79-00-5	1,1,2-Trichloroethane	1	0.0071	U	
75-34-3	1,1-Dichloroethane	1	0.0071	U	
75-35-4	1,1-Dichloroethylene	1	0.0071	U	
563-58-6	1,1-Dichloropropylene	1	0.0071	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0071	U	
96-18-4	1,2,3-Trichloropropane	1	0.0071	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0071	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0071	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.057		
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0071	U	
106-93-4	1,2-Dibromoethane	1	0.0071	U	
95-50-1	1,2-Dichlorobenzene	1	0.0071	U	
107-06-2	1,2-Dichloroethane	1	0.0071	U	
78-87-5	1,2-Dichloropropane	1	0.0071	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.017		
541-73-1	1,3-Dichlorobenzene	1	0.0071	U	
142-28-9	1,3-Dichloropropane	1	0.0071	U	
106-46-7	1,4-Dichlorobenzene	1	0.016		
123-91-1	1,4-Dioxane	1	~~0.14~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0071	U	
78-93-3	2-Butanone	1	0.0093		J
110-75-8	2-Chloroethylvinyl ether	1	0.028	U	
95-49-8	2-Chlorotoluene	1	0.0071	U	
591-78-6	2-Hexanone	1	0.0071	U	
106-43-4	4-Chlorotoluene	1	0.0071	U	
108-10-1	4-Methyl-2-pentanone	1	0.0071	U	
67-64-1	Acetone	1	0.036		J
107-02-8	Acrolein	1	0.014	U	
107-13-1	Acrylonitrile	1	0.0071	U	
71-43-2	Benzene	1	0.0071	U	
108-86-1	Bromobenzene	1	0.0071	U	
74-97-5	Bromochloromethane	1	0.0071	U	
75-27-4	Bromodichloromethane	1	0.0071	U	
75-25-2	Bromoform	1	0.0071	U	
74-83-9	Bromomethane	1	0.0071	U	
75-15-0	Carbon disulfide	1	0.0071	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID: V5428643.D

Sampled: 12/28/22 14:38 Prepared: 01/03/23 09:00 Analyzed: 01/03/23 12:40

Solids: 70.74 Preparation: EPA 5035A Initial/Final: 4.98 g / 5 ml

Batch: BA30022 Sequence: S3A0414 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0071	U	
108-90-7	Chlorobenzene	1	0.0071	U	
75-00-3	Chloroethane	1	0.0071	U	
67-66-3	Chloroform	1	0.0071	U	
74-87-3	Chloromethane	1	0.0071	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.0040	J	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0071	U	
110-82-7	Cyclohexane	1	0.0071	U	
124-48-1	Dibromochloromethane	1	0.0071	U	
74-95-3	Dibromomethane	1	0.0071	U	
75-71-8	Dichlorodifluoromethane	1	0.0071	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.011	U	
64-17-5	Ethanol	1	0.11	U	R
100-41-4	Ethyl Benzene	1	0.0043	J	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.011	U	
87-68-3	Hexachlorobutadiene	1	0.0071	U	
74-88-4	Iodomethane	1	0.0071	U	
98-82-8	Isopropylbenzene	1	0.0071	U	
79-20-9	Methyl acetate	1	0.0071	U	
80-62-6	Methyl Methacrylate	1	0.0071	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0071	U	
108-87-2	Methylcyclohexane	1	0.0071	U	
75-09-2	Methylene chloride	1	0.0089	J	
91-20-3	Naphthalene	1	0.014	U	
104-51-8	n-Butylbenzene	1	0.0071	U	
103-65-1	n-Propylbenzene	1	0.0071	U	
95-47-6	o-Xylene	1	0.0087		
179601-23-1	p- & m- Xylenes	1	0.022		
105-05-5	p-Diethylbenzene	1	0.0093		
622-96-8	p-Ethyltoluene	1	0.0053	J	
99-87-6	p-Isopropyltoluene	1	0.10		
135-98-8	sec-Butylbenzene	1	0.0071	U	
100-42-5	Styrene	1	0.0071	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.11	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.011	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0071	U	
98-06-6	tert-Butylbenzene	1	0.0071	U	
127-18-4	Tetrachloroethylene	1	0.0071	U	
109-99-9	Tetrahydrofuran	1	0.014	U	
108-88-3	Toluene	1	0.0089		

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-21	File ID:	V5428643.D
Sampled:	12/28/22 14:38	Prepared:	01/03/23 09:00	Analyzed:	01/03/23 12:40
Solids:	70.74	Preparation:	EPA 5035A	Initial/Final:	4.98 g / 5 ml
Batch:	BA30022	Sequence:	S3A0414	Calibration:	SL20014
Instrument:	VOA No. 5				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0071	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0071	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0071	U	
79-01-6	Trichloroethylene	1	0.0071	U	
75-69-4	Trichlorofluoromethane	1	0.0071	U	UJ
108-05-4	Vinyl acetate	1	0.0071	U	
75-01-4	Vinyl Chloride	1	0.0071	U	
1330-20-7	Xylenes, Total	1	0.031		

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	44.1	88.2	77 - 125	
SURR: Toluene-d8	50.0	51.0	102	85 - 120	
SURR: p-Bromofluorobenzene	50.0	48.8	97.5	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	298731	5.694	328137	5.694	
ISTD: Chlorobenzene-d5	1096667	8.723	1200467	8.723	
ISTD: 1,2-Dichlorobenzene-d4	443095	11.694	498185	11.691	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID: V5428629.D

Sampled: 12/28/22 14:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:27

Solids: 81.55 Preparation: EPA 5035A Initial/Final: 5.25 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0058	U	
71-55-6	1,1,1-Trichloroethane	1	0.0058	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0058	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0058	U	
79-00-5	1,1,2-Trichloroethane	1	0.0058	U	
75-34-3	1,1-Dichloroethane	1	0.0058	U	
75-35-4	1,1-Dichloroethylene	1	0.0058	U	
563-58-6	1,1-Dichloropropylene	1	0.0058	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0058	U	
96-18-4	1,2,3-Trichloropropane	1	0.0058	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0058	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0058	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0058	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0058	U	
106-93-4	1,2-Dibromoethane	1	0.0058	U	
95-50-1	1,2-Dichlorobenzene	1	0.0058	U	
107-06-2	1,2-Dichloroethane	1	0.0058	U	
78-87-5	1,2-Dichloropropane	1	0.0058	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0058	U	
541-73-1	1,3-Dichlorobenzene	1	0.0058	U	
142-28-9	1,3-Dichloropropane	1	0.0058	U	
106-46-7	1,4-Dichlorobenzene	1	0.0058	U	
123-91-1	1,4-Dioxane	1	~~0.12~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0058	U	
78-93-3	2-Butanone	1	0.0058	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.023	U	
95-49-8	2-Chlorotoluene	1	0.0058	U	
591-78-6	2-Hexanone	1	0.0058	U	UJ
106-43-4	4-Chlorotoluene	1	0.0058	U	
108-10-1	4-Methyl-2-pentanone	1	0.0058	U	
67-64-1	Acetone	1	0.012	U	UJ
107-02-8	Acrolein	1	0.012	U	
107-13-1	Acrylonitrile	1	0.0058	U	
71-43-2	Benzene	1	0.0058	U	
108-86-1	Bromobenzene	1	0.0058	U	
74-97-5	Bromochloromethane	1	0.0058	U	
75-27-4	Bromodichloromethane	1	0.0058	U	
75-25-2	Bromoform	1	0.0058	U	UJ
74-83-9	Bromomethane	1	0.0058	U	
75-15-0	Carbon disulfide	1	0.0058	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID: V5428629.D

Sampled: 12/28/22 14:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:27

Solids: 81.55 Preparation: EPA 5035A Initial/Final: 5.25 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0058	U	
108-90-7	Chlorobenzene	1	0.0031	J	
75-00-3	Chloroethane	1	0.0058	U	
67-66-3	Chloroform	1	0.0058	U	
74-87-3	Chloromethane	1	0.0058	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0058	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0058	U	
110-82-7	Cyclohexane	1	0.0058	U	
124-48-1	Dibromochloromethane	1	0.0058	U	UJ
74-95-3	Dibromomethane	1	0.0058	U	
75-71-8	Dichlorodifluoromethane	1	0.0058	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0093	U	
64-17-5	Ethanol	1	~~0.093~~	U	R
100-41-4	Ethyl Benzene	1	0.0058	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0093	U	
87-68-3	Hexachlorobutadiene	1	0.0058	U	
74-88-4	Iodomethane	1	0.0058	U	
98-82-8	Isopropylbenzene	1	0.0058	U	
79-20-9	Methyl acetate	1	0.0058	U	
80-62-6	Methyl Methacrylate	1	0.0058	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0058	U	
108-87-2	Methylcyclohexane	1	0.0058	U	
75-09-2	Methylene chloride	1	0.012	U	
91-20-3	Naphthalene	1	0.012	U	
104-51-8	n-Butylbenzene	1	0.0058	U	
103-65-1	n-Propylbenzene	1	0.0058	U	
95-47-6	o-Xylene	1	0.0058	U	
179601-23-1	p- & m- Xylenes	1	0.012	U	
105-05-5	p-Diethylbenzene	1	0.0058	U	
622-96-8	p-Ethyltoluene	1	0.0058	U	
99-87-6	p-Isopropyltoluene	1	0.0058	U	
135-98-8	sec-Butylbenzene	1	0.0058	U	
100-42-5	Styrene	1	0.0058	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.093	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0093	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0058	U	
98-06-6	tert-Butylbenzene	1	0.0058	U	
127-18-4	Tetrachloroethylene	1	0.0058	U	
109-99-9	Tetrahydrofuran	1	0.012	U	
108-88-3	Toluene	1	0.0058	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID: V5428629.D

Sampled: 12/28/22 14:59 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:27

Solids: 81.55 Preparation: EPA 5035A Initial/Final: 5.25 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0058	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0058	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0058	U	
79-01-6	Trichloroethylene	1	0.0058	U	
75-69-4	Trichlorofluoromethane	1	0.0058	U	UJ
108-05-4	Vinyl acetate	1	0.0058	U	
75-01-4	Vinyl Chloride	1	0.0058	U	
1330-20-7	Xylenes, Total	1	0.018	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	46.8	93.6	77 - 125	
SURR: Toluene-d8	50.0	49.8	99.6	85 - 120	
SURR: p-Bromofluorobenzene	50.0	49.5	98.9	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	308393	5.691	337459	5.691	
ISTD: Chlorobenzene-d5	1136122	8.72	1217634	8.72	
ISTD: 1,2-Dichlorobenzene-d4	454993	11.691	487302	11.691	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID: V5428630.D

Sampled: 12/28/22 15:01 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:54

Solids: 78.76 Preparation: EPA 5035A Initial/Final: 5.01 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0063	U	
71-55-6	1,1,1-Trichloroethane	1	0.0063	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0063	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0063	U	
79-00-5	1,1,2-Trichloroethane	1	0.0063	U	
75-34-3	1,1-Dichloroethane	1	0.0063	U	
75-35-4	1,1-Dichloroethylene	1	0.0063	U	
563-58-6	1,1-Dichloropropylene	1	0.0063	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0063	U	
96-18-4	1,2,3-Trichloropropane	1	0.0063	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0063	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0063	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0063	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0063	U	
106-93-4	1,2-Dibromoethane	1	0.0063	U	
95-50-1	1,2-Dichlorobenzene	1	0.0063	U	
107-06-2	1,2-Dichloroethane	1	0.0063	U	
78-87-5	1,2-Dichloropropane	1	0.0063	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0063	U	
541-73-1	1,3-Dichlorobenzene	1	0.0063	U	
142-28-9	1,3-Dichloropropane	1	0.0063	U	
106-46-7	1,4-Dichlorobenzene	1	0.0063	U	
123-91-1	1,4-Dioxane	1	~~0.13~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0063	U	
78-93-3	2-Butanone	1	0.0063	U	UJ
110-75-8	2-Chloroethylvinyl ether	1	0.025	U	
95-49-8	2-Chlorotoluene	1	0.0063	U	
591-78-6	2-Hexanone	1	0.0063	U	UJ
106-43-4	4-Chlorotoluene	1	0.0063	U	
108-10-1	4-Methyl-2-pentanone	1	0.0063	U	
67-64-1	Acetone	1	0.013	U	UJ
107-02-8	Acrolein	1	0.013	U	
107-13-1	Acrylonitrile	1	0.0063	U	
71-43-2	Benzene	1	0.0063	U	
108-86-1	Bromobenzene	1	0.0063	U	
74-97-5	Bromochloromethane	1	0.0063	U	
75-27-4	Bromodichloromethane	1	0.0063	U	
75-25-2	Bromoform	1	0.0063	U	UJ
74-83-9	Bromomethane	1	0.0063	U	
75-15-0	Carbon disulfide	1	0.0063	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID: V5428630.D

Sampled: 12/28/22 15:01 Prepared: 12/30/22 09:00 Analyzed: 12/30/22 14:54

Solids: 78.76 Preparation: EPA 5035A Initial/Final: 5.01 g / 5 ml

Batch: BL21751 Sequence: S3A0314 Calibration: SL20014 Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0063	U	
108-90-7	Chlorobenzene	1	0.0034	J	
75-00-3	Chloroethane	1	0.0063	U	
67-66-3	Chloroform	1	0.0063	U	
74-87-3	Chloromethane	1	0.0063	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0063	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0063	U	
110-82-7	Cyclohexane	1	0.0063	U	
124-48-1	Dibromochloromethane	1	0.0063	U	
74-95-3	Dibromomethane	1	0.0063	U	
75-71-8	Dichlorodifluoromethane	1	0.0063	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.010	U	
64-17-5	Ethanol	1	~~0.10~~	U	R
100-41-4	Ethyl Benzene	1	0.0063	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.010	U	
87-68-3	Hexachlorobutadiene	1	0.0063	U	
74-88-4	Iodomethane	1	0.0063	U	
98-82-8	Isopropylbenzene	1	0.0063	U	
79-20-9	Methyl acetate	1	0.0063	U	
80-62-6	Methyl Methacrylate	1	0.0063	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0063	U	
108-87-2	Methylcyclohexane	1	0.0063	U	
75-09-2	Methylene chloride	1	0.013	U	
91-20-3	Naphthalene	1	0.013	U	
104-51-8	n-Butylbenzene	1	0.0063	U	
103-65-1	n-Propylbenzene	1	0.0063	U	
95-47-6	o-Xylene	1	0.0063	U	
179601-23-1	p- & m- Xylenes	1	0.013	U	
105-05-5	p-Diethylbenzene	1	0.0063	U	
622-96-8	p-Ethyltoluene	1	0.0063	U	
99-87-6	p-Isopropyltoluene	1	0.0063	U	
135-98-8	sec-Butylbenzene	1	0.0063	U	
100-42-5	Styrene	1	0.0063	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.10	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.010	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0063	U	
98-06-6	tert-Butylbenzene	1	0.0063	U	
127-18-4	Tetrachloroethylene	1	0.0063	U	
109-99-9	Tetrahydrofuran	1	0.013	U	
108-88-3	Toluene	1	0.0063	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB-7C Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-23	File ID:	V5428630.D
Sampled:	12/28/22 15:01	Prepared:	12/30/22 09:00	Analyzed:	12/30/22 14:54
Solids:	78.76	Preparation:	EPA 5035A	Initial/Final:	5.01 g / 5 ml
Batch:	BL21751	Sequence:	S3A0314	Calibration:	SL20014
Instrument:	VOA No. 5				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0063	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0063	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0063	U	
79-01-6	Trichloroethylene	1	0.0063	U	
75-69-4	Trichlorofluoromethane	1	0.0063	U	UJ
108-05-4	Vinyl acetate	1	0.0063	U	
75-01-4	Vinyl Chloride	1	0.0063	U	
1330-20-7	Xylenes, Total	1	0.019	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	46.1	92.3	77 - 125	
SURR: Toluene-d8	50.0	49.6	99.2	85 - 120	
SURR: p-Bromofluorobenzene	50.0	49.1	98.3	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	305671	5.694	337459	5.691	
ISTD: Chlorobenzene-d5	1115982	8.72	1217634	8.72	
ISTD: 1,2-Dichlorobenzene-d4	442771	11.694	487302	11.691	

* Values outside of QC limits

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Rinsate

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 22L1392-24 File ID: V10C015756.D

Sampled: 12/28/22 17:30 Prepared: 01/04/23 09:00 Analyzed: 01/04/23 12:51

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30106 Sequence: S3A0507 Calibration: SL20009 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	UJ
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	3.03		
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	15.9		J
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.730		
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Rinsate

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 22L1392-24 File ID: V10C015756.D

Sampled: 12/28/22 17:30 Prepared: 01/04/23 09:00 Analyzed: 01/04/23 12:51

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30106 Sequence: S3A0507 Calibration: SL20009 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	10.0		
74-87-3	Chloromethane	1	0.500	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	UJ
74-88-4	Iodomethane	1	0.500	U	
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	R
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.360	J	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Rinsate

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 22L1392-24 File ID: V10C015756.D

Sampled: 12/28/22 17:30 Prepared: 01/04/23 09:00 Analyzed: 01/04/23 12:51

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30106 Sequence: S3A0507 Calibration: SL20009 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	UJ
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	UJ
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
SURR: Toluene-d8	10.0	9.53	95.3	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.14	91.4	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	57457	5.829	68122	5.833	
ISTD: Chlorobenzene-d5	178123	8.855	221188	8.855	
ISTD: 1,2-Dichlorobenzene-d4	62855	11.839	84188	11.836	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 22L1392-26 File ID: V835079.D

Sampled: 12/28/22 17:42 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 12:30

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30029 Sequence: S3A0326 Calibration: SL20046 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	UJ
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	UJ
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 22L1392-26 File ID: V835079.D

Sampled: 12/28/22 17:42 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 12:30

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30029 Sequence: S3A0326 Calibration: SL20046 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	
98-82-8	Isopropylbenzene	1	0.500	U	UJ
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 22L1392-26 File ID: V835079.D

Sampled: 12/28/22 17:42 Prepared: 01/03/23 08:00 Analyzed: 01/03/23 12:30

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30029 Sequence: S3A0326 Calibration: SL20046 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	UJ
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.2	102	69 - 130	
SURR: Toluene-d8	10.0	9.91	99.1	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.1	101	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	260728	5.834	277210	5.834	
ISTD: Chlorobenzene-d5	1003565	8.855	1041430	8.855	
ISTD: 1,2-Dichlorobenzene-d4	437899	11.838	461627	11.838	

* Values outside of QC limits

MKP 3/28/2023

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: SVOA

METHOD: EPA 8270D

DATA PACKAGE COVER PAGE

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2A	22L1392-04RE1
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/4/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID: E90023885.D

Sampled: 12/28/22 08:30 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 11:31

Solids: 95.08 Preparation: EPA 3546 SVOA Initial/Final: 30.1 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0874	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.175	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0874	U	
95-50-1	1,2-Dichlorobenzene	2	0.0874	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0874	U	
541-73-1	1,3-Dichlorobenzene	2	0.0874	U	
106-46-7	1,4-Dichlorobenzene	2	0.0874	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.175	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0874	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0874	U	
120-83-2	2,4-Dichlorophenol	2	0.0874	U	
105-67-9	2,4-Dimethylphenol	2	0.0874	U	
51-28-5	2,4-Dinitrophenol	2	0.175	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0874	U	
606-20-2	2,6-Dinitrotoluene	2	0.0874	U	
91-58-7	2-Chloronaphthalene	2	0.0874	U	
95-57-8	2-Chlorophenol	2	0.0874	U	
91-57-6	2-Methylnaphthalene	2	0.0874	U	
95-48-7	2-Methylphenol	2	0.0874	U	
88-74-4	2-Nitroaniline	2	0.175	U	
88-75-5	2-Nitrophenol	2	0.0874	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.0874	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0874	U	
99-09-2	3-Nitroaniline	2	0.175	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.175	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0874	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0874	U	
106-47-8	4-Chloroaniline	2	0.0874	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0874	U	
100-01-6	4-Nitroaniline	2	0.175	U	
100-02-7	4-Nitrophenol	2	0.175	U	
83-32-9	Acenaphthene	2	0.0874	U	
208-96-8	Acenaphthylene	2	0.0874	U	
98-86-2	Acetophenone	2	0.0874	U	
62-53-3	Aniline	2	0.350	U	
120-12-7	Anthracene	2	0.0874	U	
1912-24-9	Atrazine	2	0.0874	U	
100-52-7	Benzaldehyde	2	0.0874	U	
92-87-5	Benzidine	2	0.350	U	
56-55-3	Benzo(a)anthracene	2	0.0874	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-01 | File ID: E90023885.D

Sampled: 12/28/22 08:30 | Prepared: 01/03/23 08:29 | Analyzed: 01/04/23 11:31

Solids: 95.08 | Preparation: EPA 3546 SVOA | Initial/Final: 30.1 g / 1 mL

Batch: BA30018 | Sequence: S3A0424 | Calibration: SL20044 | Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0874	U	
205-99-2	Benzo(b)fluoranthene	2	0.0874	U	
191-24-2	Benzo(g,h,i)perylene	2	0.0874	U	
207-08-9	Benzo(k)fluoranthene	2	0.0874	U	
65-85-0	Benzoic acid	2	0.0874	U	
100-51-6	Benzyl alcohol	2	0.0874	U	
85-68-7	Benzyl butyl phthalate	2	0.0874	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.0874	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0874	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0874	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0874	U	UJ
105-60-2	Caprolactam	2	0.175	U	
86-74-8	Carbazole	2	0.0874	U	
218-01-9	Chrysene	2	0.0874	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.0874	U	
132-64-9	Dibenzofuran	2	0.0874	U	
84-66-2	Diethyl phthalate	2	0.0874	U	
131-11-3	Dimethyl phthalate	2	0.0874	U	
84-74-2	Di-n-butyl phthalate	2	0.0874	U	
117-84-0	Di-n-octyl phthalate	2	0.0874	U	
206-44-0	Fluoranthene	2	0.0874	U	
86-73-7	Fluorene	2	0.0874	U	
118-74-1	Hexachlorobenzene	2	0.0874	U	
87-68-3	Hexachlorobutadiene	2	0.0874	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0874	U	
67-72-1	Hexachloroethane	2	0.0874	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0874	U	
78-59-1	Isophorone	2	0.0874	U	
91-20-3	Naphthalene	2	0.0874	U	
98-95-3	Nitrobenzene	2	0.0874	U	
62-75-9	N-Nitrosodimethylamine	2	0.0874	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0874	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0874	U	
87-86-5	Pentachlorophenol	2	0.0874	U	
85-01-8	Phenanthrene	2	0.0874	U	
108-95-2	Phenol	2	0.0874	U	
129-00-0	Pyrene	2	0.0874	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.75	0.963	55.1	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-02 File ID: E90023886.D

Sampled: 12/28/22 09:00 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 12:01

Solids: 79.27 Preparation: EPA 3546 SVOA Initial/Final: 30.1 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.105	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.209	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.105	U	
95-50-1	1,2-Dichlorobenzene	2	0.105	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.105	U	
541-73-1	1,3-Dichlorobenzene	2	0.105	U	
106-46-7	1,4-Dichlorobenzene	2	0.105	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.209	U	
95-95-4	2,4,5-Trichlorophenol	2	0.105	U	
88-06-2	2,4,6-Trichlorophenol	2	0.105	U	
120-83-2	2,4-Dichlorophenol	2	0.105	U	
105-67-9	2,4-Dimethylphenol	2	0.105	U	
51-28-5	2,4-Dinitrophenol	2	0.209	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.105	U	
606-20-2	2,6-Dinitrotoluene	2	0.105	U	
91-58-7	2-Chloronaphthalene	2	0.105	U	
95-57-8	2-Chlorophenol	2	0.105	U	
91-57-6	2-Methylnaphthalene	2	0.105	U	
95-48-7	2-Methylphenol	2	0.105	U	
88-74-4	2-Nitroaniline	2	0.209	U	
88-75-5	2-Nitrophenol	2	0.105	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.105	U	
91-94-1	3,3-Dichlorobenzidine	2	0.105	U	
99-09-2	3-Nitroaniline	2	0.209	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.209	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.105	U	
59-50-7	4-Chloro-3-methylphenol	2	0.105	U	
106-47-8	4-Chloroaniline	2	0.105	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.105	U	
100-01-6	4-Nitroaniline	2	0.209	U	
100-02-7	4-Nitrophenol	2	0.209	U	
83-32-9	Acenaphthene	2	0.105	U	
208-96-8	Acenaphthylene	2	0.105	U	
98-86-2	Acetophenone	2	0.105	U	
62-53-3	Aniline	2	0.420	U	
120-12-7	Anthracene	2	0.105	U	
1912-24-9	Atrazine	2	0.105	U	
100-52-7	Benzaldehyde	2	0.105	U	
92-87-5	Benzidine	2	0.420	U	
56-55-3	Benzo(a)anthracene	2	0.105	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-02 | File ID: E90023886.D

Sampled: 12/28/22 09:00 | Prepared: 01/03/23 08:29 | Analyzed: 01/04/23 12:01

Solids: 79.27 | Preparation: EPA 3546 SVOA | Initial/Final: 30.1 g / 1 mL

Batch: BA30018 | Sequence: S3A0424 | Calibration: SL20044 | Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.105	U	
205-99-2	Benzo(b)fluoranthene	2	0.105	U	
191-24-2	Benzo(g,h,i)perylene	2	0.105	U	
207-08-9	Benzo(k)fluoranthene	2	0.105	U	
65-85-0	Benzoic acid	2	0.105	U	
100-51-6	Benzyl alcohol	2	0.105	U	
85-68-7	Benzyl butyl phthalate	2	0.105	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.105	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.105	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.105	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.105	U	UJ
105-60-2	Caprolactam	2	0.209	U	
86-74-8	Carbazole	2	0.105	U	
218-01-9	Chrysene	2	0.105	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.105	U	
132-64-9	Dibenzofuran	2	0.105	U	
84-66-2	Diethyl phthalate	2	0.105	U	
131-11-3	Dimethyl phthalate	2	0.105	U	
84-74-2	Di-n-butyl phthalate	2	0.105	U	
117-84-0	Di-n-octyl phthalate	2	0.105	U	
206-44-0	Fluoranthene	2	0.105	U	
86-73-7	Fluorene	2	0.105	U	
118-74-1	Hexachlorobenzene	2	0.105	U	
87-68-3	Hexachlorobutadiene	2	0.105	U	
77-47-4	Hexachlorocyclopentadiene	2	0.105	U	
67-72-1	Hexachloroethane	2	0.105	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.105	U	
78-59-1	Isophorone	2	0.105	U	
91-20-3	Naphthalene	2	0.105	U	
98-95-3	Nitrobenzene	2	0.105	U	
62-75-9	N-Nitrosodimethylamine	2	0.105	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.105	U	
86-30-6	N-Nitrosodiphenylamine	2	0.105	U	
87-86-5	Pentachlorophenol	2	0.105	U	
85-01-8	Phenanthrene	2	0.105	U	
108-95-2	Phenol	2	0.105	U	
129-00-0	Pyrene	2	0.105	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.10	0.723	34.5	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-03 File ID: E90023887.D

Sampled: 12/28/22 09:15 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 12:31

Solids: 67.98 Preparation: EPA 3546 SVOA Initial/Final: 30.1 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.122	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.244	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.122	U	
95-50-1	1,2-Dichlorobenzene	2	0.122	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.122	U	
541-73-1	1,3-Dichlorobenzene	2	0.122	U	
106-46-7	1,4-Dichlorobenzene	2	0.122	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.244	U	
95-95-4	2,4,5-Trichlorophenol	2	0.122	U	
88-06-2	2,4,6-Trichlorophenol	2	0.122	U	
120-83-2	2,4-Dichlorophenol	2	0.122	U	
105-67-9	2,4-Dimethylphenol	2	0.122	U	
51-28-5	2,4-Dinitrophenol	2	0.244	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.122	U	
606-20-2	2,6-Dinitrotoluene	2	0.122	U	
91-58-7	2-Chloronaphthalene	2	0.122	U	
95-57-8	2-Chlorophenol	2	0.122	U	
91-57-6	2-Methylnaphthalene	2	0.122	U	
95-48-7	2-Methylphenol	2	0.122	U	
88-74-4	2-Nitroaniline	2	0.244	U	
88-75-5	2-Nitrophenol	2	0.122	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.122	U	
91-94-1	3,3-Dichlorobenzidine	2	0.122	U	
99-09-2	3-Nitroaniline	2	0.244	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.244	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.122	U	
59-50-7	4-Chloro-3-methylphenol	2	0.122	U	
106-47-8	4-Chloroaniline	2	0.122	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.122	U	
100-01-6	4-Nitroaniline	2	0.244	U	
100-02-7	4-Nitrophenol	2	0.244	U	
83-32-9	Acenaphthene	2	0.122	U	
208-96-8	Acenaphthylene	2	0.122	U	
98-86-2	Acetophenone	2	0.122	U	
62-53-3	Aniline	2	0.490	U	
120-12-7	Anthracene	2	0.122	U	
1912-24-9	Atrazine	2	0.122	U	
100-52-7	Benzaldehyde	2	0.122	U	
92-87-5	Benzidine	2	0.490	U	
56-55-3	Benzo(a)anthracene	2	0.122	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-03 | File ID: E90023887.D

Sampled: 12/28/22 09:15 | Prepared: 01/03/23 08:29 | Analyzed: 01/04/23 12:31

Solids: 67.98 | Preparation: EPA 3546 SVOA | Initial/Final: 30.1 g / 1 mL

Batch: BA30018 | Sequence: S3A0424 | Calibration: SL20044 | Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.122	U	
205-99-2	Benzo(b)fluoranthene	2	0.122	U	
191-24-2	Benzo(g,h,i)perylene	2	0.122	U	
207-08-9	Benzo(k)fluoranthene	2	0.122	U	
65-85-0	Benzoic acid	2	0.122	U	
100-51-6	Benzyl alcohol	2	0.122	U	
85-68-7	Benzyl butyl phthalate	2	0.122	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.122	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.122	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.122	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.122	U	UJ
105-60-2	Caprolactam	2	0.244	U	
86-74-8	Carbazole	2	0.122	U	
218-01-9	Chrysene	2	0.122	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.122	U	
132-64-9	Dibenzofuran	2	0.122	U	
84-66-2	Diethyl phthalate	2	0.122	U	
131-11-3	Dimethyl phthalate	2	0.122	U	
84-74-2	Di-n-butyl phthalate	2	0.122	U	
117-84-0	Di-n-octyl phthalate	2	0.122	U	
206-44-0	Fluoranthene	2	0.122	U	
86-73-7	Fluorene	2	0.122	U	
118-74-1	Hexachlorobenzene	2	0.122	U	
87-68-3	Hexachlorobutadiene	2	0.122	U	
77-47-4	Hexachlorocyclopentadiene	2	0.122	U	
67-72-1	Hexachloroethane	2	0.122	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.122	U	
78-59-1	Isophorone	2	0.122	U	
91-20-3	Naphthalene	2	0.122	U	
98-95-3	Nitrobenzene	2	0.122	U	
62-75-9	N-Nitrosodimethylamine	2	0.122	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.122	U	
86-30-6	N-Nitrosodiphenylamine	2	0.122	U	
87-86-5	Pentachlorophenol	2	0.122	U	
85-01-8	Phenanthrene	2	0.122	U	
108-95-2	Phenol	2	0.122	U	
129-00-0	Pyrene	2	0.122	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.44	0.976	39.9	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: E90023888.D

Sampled: 12/28/22 10:30 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 13:01

Solids: 93.65 Preparation: EPA 3546 SVOA Initial/Final: 30.2 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0885	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.177	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0885	U	
95-50-1	1,2-Dichlorobenzene	2	0.0885	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0885	U	
541-73-1	1,3-Dichlorobenzene	2	0.0885	U	
106-46-7	1,4-Dichlorobenzene	2	0.0885	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.177	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0885	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0885	U	
120-83-2	2,4-Dichlorophenol	2	0.0885	U	
105-67-9	2,4-Dimethylphenol	2	0.0885	U	
51-28-5	2,4-Dinitrophenol	2	0.177	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0885	U	
606-20-2	2,6-Dinitrotoluene	2	0.0885	U	
91-58-7	2-Chloronaphthalene	2	0.0885	U	
95-57-8	2-Chlorophenol	2	0.0885	U	
91-57-6	2-Methylnaphthalene	2	0.144	D	
95-48-7	2-Methylphenol	2	0.0885	U	
88-74-4	2-Nitroaniline	2	0.177	U	
88-75-5	2-Nitrophenol	2	0.0885	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.0885	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0885	U	
99-09-2	3-Nitroaniline	2	0.177	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.177	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0885	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0885	U	
106-47-8	4-Chloroaniline	2	0.0885	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0885	U	
100-01-6	4-Nitroaniline	2	0.177	U	
100-02-7	4-Nitrophenol	2	0.177	U	
83-32-9	Acenaphthene	2	0.0885	U	
208-96-8	Acenaphthylene	2	0.0885	U	
98-86-2	Acetophenone	2	0.0885	U	
62-53-3	Aniline	2	0.354	U	
120-12-7	Anthracene	2	0.0885	U	
1912-24-9	Atrazine	2	0.0885	U	
100-52-7	Benzaldehyde	2	0.0885	U	
92-87-5	Benzidine	2	0.354	U	
56-55-3	Benzo(a)anthracene	2	0.0885	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-2A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-04	File ID:	E90023888.D
Sampled:	12/28/22 10:30	Prepared:	01/03/23 08:29	Analyzed:	01/04/23 13:01
Solids:	93.65	Preparation:	EPA 3546 SVOA	Initial/Final:	30.2 g / 1 mL
Batch:	BA30018	Sequence:	S3A0424	Calibration:	SL20044
Instrument:	MSBNA9				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.0885	U
205-99-2	Benzo(b)fluoranthene	2	0.0885	U
191-24-2	Benzo(g,h,i)perylene	2	0.0885	U
207-08-9	Benzo(k)fluoranthene	2	0.0885	U
65-85-0	Benzoic acid	2	0.0885	U
100-51-6	Benzyl alcohol	2	0.0885	U
85-68-7	Benzyl butyl phthalate	2	0.282	D
111-91-1	Bis(2-chloroethoxy)methane	2	0.0885	U
111-44-4	Bis(2-chloroethyl)ether	2	0.0885	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0885	U
105-60-2	Caprolactam	2	0.177	U
86-74-8	Carbazole	2	0.0885	U
218-01-9	Chrysene	2	0.0885	U
53-70-3	Dibenzo(a,h)anthracene	2	0.0885	U
132-64-9	Dibenzofuran	2	0.0885	U
84-66-2	Diethyl phthalate	2	0.0885	U
131-11-3	Dimethyl phthalate	2	0.0885	U
84-74-2	Di-n-butyl phthalate	2	0.388	D
117-84-0	Di-n-octyl phthalate	2	0.228	D
206-44-0	Fluoranthene	2	0.0460	JD
86-73-7	Fluorene	2	0.0885	U
118-74-1	Hexachlorobenzene	2	0.0885	U
87-68-3	Hexachlorobutadiene	2	0.0885	U
77-47-4	Hexachlorocyclopentadiene	2	0.0885	U
67-72-1	Hexachloroethane	2	0.0885	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0885	U
78-59-1	Isophorone	2	0.0885	U
91-20-3	Naphthalene	2	0.151	D
98-95-3	Nitrobenzene	2	0.0885	U
62-75-9	N-Nitrosodimethylamine	2	0.0885	U
621-64-7	N-nitroso-di-n-propylamine	2	0.0885	U
86-30-6	N-Nitrosodiphenylamine	2	0.0885	U
87-86-5	Pentachlorophenol	2	0.0885	U
85-01-8	Phenanthrene	2	0.0856	JD
108-95-2	Phenol	2	0.0885	U
129-00-0	Pyrene	2	0.0495	JD

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.77	0.624	35.3	20 - 108	
SURR: Phenol-d6	1.77	0.668	37.8	23 - 114	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-2A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-04RE1	File ID:	BNA1018918.D
Sampled:	12/28/22 10:30	Prepared:	01/03/23 08:29	Analyzed:	01/04/23 15:31
Solids:	93.65	Preparation:	EPA 3546 SVOA	Initial/Final:	30.2 g / 1 mL
Batch:	BA30018	Sequence:	S3A0423	Calibration:	SK20026
Instrument:	BNA #1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
117-81-7	Bis(2-ethylhexyl)phthalate	10	9.47	D

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SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.77	0.552	31.2	20 - 108	
SURR: Phenol-d6	1.77	0.502	28.4	23 - 114	
SURR: Nitrobenzene-d5	0.884	0.375	42.4	22 - 108	
SURR: 2-Fluorobiphenyl	0.884	0.347	39.2	21 - 113	
SURR: 2,4,6-Tribromophenol	1.77	0.806	45.6	19 - 110	
SURR: Terphenyl-d14	0.884	0.449	50.8	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	324445	5.412	314481	5.412	
ISTD: Naphthalene-d8	1240219	6.51	1393372	6.504	
ISTD: Acenaphthene-d10	739937	8.37	731908	8.37	
ISTD: Phenanthrene-d10	1487246	10.236	1394581	10.236	
ISTD: Chrysene-d12	1262173	15.071	1201982	15.071	
ISTD: Perylene-d12	1418704	18.11	1361056	18.104	

* Values outside of QC limits

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EPA 8270D

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID: E90023889.D

Sampled: 12/28/22 10:47 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 13:30

Solids: 77.51 Preparation: EPA 3546 SVOA Initial/Final: 30.2 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.107	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.214	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.107	U	
95-50-1	1,2-Dichlorobenzene	2	0.107	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.107	U	
541-73-1	1,3-Dichlorobenzene	2	0.107	U	
106-46-7	1,4-Dichlorobenzene	2	0.107	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.214	U	
95-95-4	2,4,5-Trichlorophenol	2	0.107	U	
88-06-2	2,4,6-Trichlorophenol	2	0.107	U	
120-83-2	2,4-Dichlorophenol	2	0.107	U	
105-67-9	2,4-Dimethylphenol	2	0.107	U	
51-28-5	2,4-Dinitrophenol	2	0.214	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.107	U	
606-20-2	2,6-Dinitrotoluene	2	0.107	U	
91-58-7	2-Chloronaphthalene	2	0.107	U	
95-57-8	2-Chlorophenol	2	0.107	U	
91-57-6	2-Methylnaphthalene	2	0.107	U	
95-48-7	2-Methylphenol	2	0.107	U	
88-74-4	2-Nitroaniline	2	0.214	U	
88-75-5	2-Nitrophenol	2	0.107	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.107	U	
91-94-1	3,3-Dichlorobenzidine	2	0.107	U	
99-09-2	3-Nitroaniline	2	0.214	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.214	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.107	U	
59-50-7	4-Chloro-3-methylphenol	2	0.107	U	
106-47-8	4-Chloroaniline	2	0.107	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.107	U	
100-01-6	4-Nitroaniline	2	0.214	U	
100-02-7	4-Nitrophenol	2	0.214	U	
83-32-9	Acenaphthene	2	0.107	U	
208-96-8	Acenaphthylene	2	0.107	U	
98-86-2	Acetophenone	2	0.107	U	
62-53-3	Aniline	2	0.428	U	
120-12-7	Anthracene	2	0.107	U	
1912-24-9	Atrazine	2	0.107	U	
100-52-7	Benzaldehyde	2	0.107	U	
92-87-5	Benzidine	2	0.428	U	
56-55-3	Benzo(a)anthracene	2	0.107	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID: E90023889.D

Sampled: 12/28/22 10:47 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 13:30

Solids: 77.51 Preparation: EPA 3546 SVOA Initial/Final: 30.2 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.107	U	
205-99-2	Benzo(b)fluoranthene	2	0.107	U	
191-24-2	Benzo(g,h,i)perylene	2	0.107	U	
207-08-9	Benzo(k)fluoranthene	2	0.107	U	
65-85-0	Benzoic acid	2	0.107	U	
100-51-6	Benzyl alcohol	2	0.107	U	
85-68-7	Benzyl butyl phthalate	2	0.107	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.107	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.107	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.107	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0940	JD	J
105-60-2	Caprolactam	2	0.214	U	
86-74-8	Carbazole	2	0.107	U	
218-01-9	Chrysene	2	0.107	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.107	U	
132-64-9	Dibenzofuran	2	0.107	U	
84-66-2	Diethyl phthalate	2	0.107	U	
131-11-3	Dimethyl phthalate	2	0.107	U	
84-74-2	Di-n-butyl phthalate	2	0.107	U	
117-84-0	Di-n-octyl phthalate	2	0.107	U	
206-44-0	Fluoranthene	2	0.107	U	
86-73-7	Fluorene	2	0.107	U	
118-74-1	Hexachlorobenzene	2	0.107	U	
87-68-3	Hexachlorobutadiene	2	0.107	U	
77-47-4	Hexachlorocyclopentadiene	2	0.107	U	
67-72-1	Hexachloroethane	2	0.107	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.107	U	
78-59-1	Isophorone	2	0.107	U	
91-20-3	Naphthalene	2	0.107	U	
98-95-3	Nitrobenzene	2	0.107	U	
62-75-9	N-Nitrosodimethylamine	2	0.107	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.107	U	
86-30-6	N-Nitrosodiphenylamine	2	0.107	U	
87-86-5	Pentachlorophenol	2	0.107	U	
85-01-8	Phenanthrene	2	0.107	U	
108-95-2	Phenol	2	0.107	U	
129-00-0	Pyrene	2	0.107	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.14	1.05	49.3	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID: E90023890.D

Sampled: 12/28/22 11:15 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 14:00

Solids: 78.37 Preparation: EPA 3546 SVOA Initial/Final: 30.1 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.106	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.212	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.106	U	
95-50-1	1,2-Dichlorobenzene	2	0.106	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.106	U	
541-73-1	1,3-Dichlorobenzene	2	0.106	U	
106-46-7	1,4-Dichlorobenzene	2	0.106	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.212	U	
95-95-4	2,4,5-Trichlorophenol	2	0.106	U	
88-06-2	2,4,6-Trichlorophenol	2	0.106	U	
120-83-2	2,4-Dichlorophenol	2	0.106	U	
105-67-9	2,4-Dimethylphenol	2	0.106	U	
51-28-5	2,4-Dinitrophenol	2	0.212	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.106	U	
606-20-2	2,6-Dinitrotoluene	2	0.106	U	
91-58-7	2-Chloronaphthalene	2	0.106	U	
95-57-8	2-Chlorophenol	2	0.106	U	
91-57-6	2-Methylnaphthalene	2	0.106	U	
95-48-7	2-Methylphenol	2	0.106	U	
88-74-4	2-Nitroaniline	2	0.212	U	
88-75-5	2-Nitrophenol	2	0.106	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.106	U	
91-94-1	3,3-Dichlorobenzidine	2	0.106	U	
99-09-2	3-Nitroaniline	2	0.212	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.212	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.106	U	
59-50-7	4-Chloro-3-methylphenol	2	0.106	U	
106-47-8	4-Chloroaniline	2	0.106	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.106	U	
100-01-6	4-Nitroaniline	2	0.212	U	
100-02-7	4-Nitrophenol	2	0.212	U	
83-32-9	Acenaphthene	2	0.106	U	
208-96-8	Acenaphthylene	2	0.106	U	
98-86-2	Acetophenone	2	0.106	U	
62-53-3	Aniline	2	0.425	U	
120-12-7	Anthracene	2	0.106	U	
1912-24-9	Atrazine	2	0.106	U	
100-52-7	Benzaldehyde	2	0.106	U	
92-87-5	Benzidine	2	0.425	U	
56-55-3	Benzo(a)anthracene	2	0.106	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-2C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-06	File ID:	E90023890.D
Sampled:	12/28/22 11:15	Prepared:	01/03/23 08:29	Analyzed:	01/04/23 14:00
Solids:	78.37	Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL
Batch:	BA30018	Sequence:	S3A0424	Calibration:	SL20044
Instrument:	MSBNA9				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.106	U	
205-99-2	Benzo(b)fluoranthene	2	0.106	U	
191-24-2	Benzo(g,h,i)perylene	2	0.106	U	
207-08-9	Benzo(k)fluoranthene	2	0.106	U	
65-85-0	Benzoic acid	2	0.106	U	
100-51-6	Benzyl alcohol	2	0.106	U	
85-68-7	Benzyl butyl phthalate	2	0.106	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.106	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.106	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.106	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.106	U	UJ
105-60-2	Caprolactam	2	0.212	U	
86-74-8	Carbazole	2	0.106	U	
218-01-9	Chrysene	2	0.106	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.106	U	
132-64-9	Dibenzofuran	2	0.106	U	
84-66-2	Diethyl phthalate	2	0.106	U	
131-11-3	Dimethyl phthalate	2	0.106	U	
84-74-2	Di-n-butyl phthalate	2	0.106	U	
117-84-0	Di-n-octyl phthalate	2	0.106	U	
206-44-0	Fluoranthene	2	0.106	U	
86-73-7	Fluorene	2	0.106	U	
118-74-1	Hexachlorobenzene	2	0.106	U	
87-68-3	Hexachlorobutadiene	2	0.106	U	
77-47-4	Hexachlorocyclopentadiene	2	0.106	U	
67-72-1	Hexachloroethane	2	0.106	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.106	U	
78-59-1	Isophorone	2	0.106	U	
91-20-3	Naphthalene	2	0.106	U	
98-95-3	Nitrobenzene	2	0.106	U	
62-75-9	N-Nitrosodimethylamine	2	0.106	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.106	U	
86-30-6	N-Nitrosodiphenylamine	2	0.106	U	
87-86-5	Pentachlorophenol	2	0.106	U	
85-01-8	Phenanthrene	2	0.106	U	
108-95-2	Phenol	2	0.106	U	
129-00-0	Pyrene	2	0.106	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.12	0.488	23.0	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID: E90023891.D

Sampled: 12/28/22 12:05 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 14:30

Solids: 89.09 Preparation: EPA 3546 SVOA Initial/Final: 30.7 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0915	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.183	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0915	U	
95-50-1	1,2-Dichlorobenzene	2	0.0915	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0915	U	
541-73-1	1,3-Dichlorobenzene	2	0.0915	U	
106-46-7	1,4-Dichlorobenzene	2	0.0915	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.183	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0915	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0915	U	
120-83-2	2,4-Dichlorophenol	2	0.0915	U	
105-67-9	2,4-Dimethylphenol	2	0.0915	U	
51-28-5	2,4-Dinitrophenol	2	0.183	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0915	U	
606-20-2	2,6-Dinitrotoluene	2	0.0915	U	
91-58-7	2-Chloronaphthalene	2	0.0915	U	
95-57-8	2-Chlorophenol	2	0.0915	U	
91-57-6	2-Methylnaphthalene	2	0.0915	U	
95-48-7	2-Methylphenol	2	0.0915	U	
88-74-4	2-Nitroaniline	2	0.183	U	
88-75-5	2-Nitrophenol	2	0.0915	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.0915	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0915	U	
99-09-2	3-Nitroaniline	2	0.183	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.183	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0915	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0915	U	
106-47-8	4-Chloroaniline	2	0.0915	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0915	U	
100-01-6	4-Nitroaniline	2	0.183	U	
100-02-7	4-Nitrophenol	2	0.183	U	
83-32-9	Acenaphthene	2	0.0915	U	
208-96-8	Acenaphthylene	2	0.0915	U	
98-86-2	Acetophenone	2	0.0915	U	
62-53-3	Aniline	2	0.366	U	
120-12-7	Anthracene	2	0.0915	U	
1912-24-9	Atrazine	2	0.0915	U	
100-52-7	Benzaldehyde	2	0.0915	U	
92-87-5	Benzidine	2	0.366	U	
56-55-3	Benzo(a)anthracene	2	0.0915	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-07 | File ID: E90023891.D

Sampled: 12/28/22 12:05 | Prepared: 01/03/23 08:29 | Analyzed: 01/04/23 14:30

Solids: 89.09 | Preparation: EPA 3546 SVOA | Initial/Final: 30.7 g / 1 mL

Batch: BA30018 | Sequence: S3A0424 | Calibration: SL20044 | Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.0915	U
205-99-2	Benzo(b)fluoranthene	2	0.0915	U
191-24-2	Benzo(g,h,i)perylene	2	0.0915	U
207-08-9	Benzo(k)fluoranthene	2	0.0915	U
65-85-0	Benzoic acid	2	0.0915	U
100-51-6	Benzyl alcohol	2	0.0915	U
85-68-7	Benzyl butyl phthalate	2	0.0915	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.0915	U
111-44-4	Bis(2-chloroethyl)ether	2	0.0915	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0915	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.385	D J
105-60-2	Caprolactam	2	0.183	U
86-74-8	Carbazole	2	0.0915	U
218-01-9	Chrysene	2	0.0915	U
53-70-3	Dibenzo(a,h)anthracene	2	0.0915	U
132-64-9	Dibenzofuran	2	0.0915	U
84-66-2	Diethyl phthalate	2	0.0915	U
131-11-3	Dimethyl phthalate	2	0.0915	U
84-74-2	Di-n-butyl phthalate	2	0.0915	U
117-84-0	Di-n-octyl phthalate	2	0.0915	U
206-44-0	Fluoranthene	2	0.0526	JD
86-73-7	Fluorene	2	0.0915	U
118-74-1	Hexachlorobenzene	2	0.0915	U
87-68-3	Hexachlorobutadiene	2	0.0915	U
77-47-4	Hexachlorocyclopentadiene	2	0.0915	U
67-72-1	Hexachloroethane	2	0.0915	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0915	U
78-59-1	Isophorone	2	0.0915	U
91-20-3	Naphthalene	2	0.0915	U
98-95-3	Nitrobenzene	2	0.0915	U
62-75-9	N-Nitrosodimethylamine	2	0.0915	U
621-64-7	N-nitroso-di-n-propylamine	2	0.0915	U
86-30-6	N-Nitrosodiphenylamine	2	0.0915	U
87-86-5	Pentachlorophenol	2	0.0915	U
85-01-8	Phenanthrene	2	0.0915	U
108-95-2	Phenol	2	0.0915	U
129-00-0	Pyrene	2	0.0483	JD

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.83	1.14	62.5	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID: E90023892.D

Sampled: 12/28/22 12:35 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 15:00

Solids: 77.69 Preparation: EPA 3546 SVOA Initial/Final: 30.4 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.106	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.212	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.106	U	
95-50-1	1,2-Dichlorobenzene	2	0.106	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.106	U	
541-73-1	1,3-Dichlorobenzene	2	0.106	U	
106-46-7	1,4-Dichlorobenzene	2	0.106	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.212	U	
95-95-4	2,4,5-Trichlorophenol	2	0.106	U	
88-06-2	2,4,6-Trichlorophenol	2	0.106	U	
120-83-2	2,4-Dichlorophenol	2	0.106	U	
105-67-9	2,4-Dimethylphenol	2	0.106	U	
51-28-5	2,4-Dinitrophenol	2	0.212	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.106	U	
606-20-2	2,6-Dinitrotoluene	2	0.106	U	
91-58-7	2-Chloronaphthalene	2	0.106	U	
95-57-8	2-Chlorophenol	2	0.106	U	
91-57-6	2-Methylnaphthalene	2	0.106	U	
95-48-7	2-Methylphenol	2	0.106	U	
88-74-4	2-Nitroaniline	2	0.212	U	
88-75-5	2-Nitrophenol	2	0.106	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.106	U	
91-94-1	3,3-Dichlorobenzidine	2	0.106	U	
99-09-2	3-Nitroaniline	2	0.212	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.212	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.106	U	
59-50-7	4-Chloro-3-methylphenol	2	0.106	U	
106-47-8	4-Chloroaniline	2	0.106	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.106	U	
100-01-6	4-Nitroaniline	2	0.212	U	
100-02-7	4-Nitrophenol	2	0.212	U	
83-32-9	Acenaphthene	2	0.106	U	
208-96-8	Acenaphthylene	2	0.106	U	
98-86-2	Acetophenone	2	0.106	U	
62-53-3	Aniline	2	0.424	U	
120-12-7	Anthracene	2	0.106	U	
1912-24-9	Atrazine	2	0.106	U	
100-52-7	Benzaldehyde	2	0.106	U	
92-87-5	Benzidine	2	0.424	U	
56-55-3	Benzo(a)anthracene	2	0.106	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-08 | File ID: E90023892.D

Sampled: 12/28/22 12:35 | Prepared: 01/03/23 08:29 | Analyzed: 01/04/23 15:00

Solids: 77.69 | Preparation: EPA 3546 SVOA | Initial/Final: 30.4 g / 1 mL

Batch: BA30018 | Sequence: S3A0424 | Calibration: SL20044 | Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.106	U	
205-99-2	Benzo(b)fluoranthene	2	0.106	U	
191-24-2	Benzo(g,h,i)perylene	2	0.106	U	
207-08-9	Benzo(k)fluoranthene	2	0.106	U	
65-85-0	Benzoic acid	2	0.106	U	
100-51-6	Benzyl alcohol	2	0.106	U	
85-68-7	Benzyl butyl phthalate	2	0.106	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.106	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.106	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.106	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.456	D	J
105-60-2	Caprolactam	2	0.212	U	
86-74-8	Carbazole	2	0.106	U	
218-01-9	Chrysene	2	0.106	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.106	U	
132-64-9	Dibenzofuran	2	0.106	U	
84-66-2	Diethyl phthalate	2	0.106	U	
131-11-3	Dimethyl phthalate	2	0.106	U	
84-74-2	Di-n-butyl phthalate	2	0.106	U	
117-84-0	Di-n-octyl phthalate	2	0.106	U	
206-44-0	Fluoranthene	2	0.106	U	
86-73-7	Fluorene	2	0.106	U	
118-74-1	Hexachlorobenzene	2	0.106	U	
87-68-3	Hexachlorobutadiene	2	0.106	U	
77-47-4	Hexachlorocyclopentadiene	2	0.106	U	
67-72-1	Hexachloroethane	2	0.106	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.106	U	
78-59-1	Isophorone	2	0.106	U	
91-20-3	Naphthalene	2	0.106	U	
98-95-3	Nitrobenzene	2	0.106	U	
62-75-9	N-Nitrosodimethylamine	2	0.106	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.106	U	
86-30-6	N-Nitrosodiphenylamine	2	0.106	U	
87-86-5	Pentachlorophenol	2	0.106	U	
85-01-8	Phenanthrene	2	0.106	U	
108-95-2	Phenol	2	0.106	U	
129-00-0	Pyrene	2	0.106	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.12	1.13	53.2	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-09 File ID: E90023893.D

Sampled: 12/28/22 12:59 Prepared: 01/03/23 08:29 Analyzed: 01/04/23 15:30

Solids: 76.15 Preparation: EPA 3546 SVOA Initial/Final: 30.1 g / 1 mL

Batch: BA30018 Sequence: S3A0424 Calibration: SL20044 Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.109	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.218	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.109	U	
95-50-1	1,2-Dichlorobenzene	2	0.109	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.109	U	
541-73-1	1,3-Dichlorobenzene	2	0.109	U	
106-46-7	1,4-Dichlorobenzene	2	0.109	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.218	U	
95-95-4	2,4,5-Trichlorophenol	2	0.109	U	
88-06-2	2,4,6-Trichlorophenol	2	0.109	U	
120-83-2	2,4-Dichlorophenol	2	0.109	U	
105-67-9	2,4-Dimethylphenol	2	0.109	U	
51-28-5	2,4-Dinitrophenol	2	0.218	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.109	U	
606-20-2	2,6-Dinitrotoluene	2	0.109	U	
91-58-7	2-Chloronaphthalene	2	0.109	U	
95-57-8	2-Chlorophenol	2	0.109	U	
91-57-6	2-Methylnaphthalene	2	0.109	U	
95-48-7	2-Methylphenol	2	0.109	U	
88-74-4	2-Nitroaniline	2	0.218	U	
88-75-5	2-Nitrophenol	2	0.109	U	UJ
65794-96-9	3- & 4-Methylphenols	2	0.109	U	
91-94-1	3,3-Dichlorobenzidine	2	0.109	U	
99-09-2	3-Nitroaniline	2	0.218	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.218	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.109	U	
59-50-7	4-Chloro-3-methylphenol	2	0.109	U	
106-47-8	4-Chloroaniline	2	0.109	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.109	U	
100-01-6	4-Nitroaniline	2	0.218	U	
100-02-7	4-Nitrophenol	2	0.218	U	
83-32-9	Acenaphthene	2	0.109	U	
208-96-8	Acenaphthylene	2	0.109	U	
98-86-2	Acetophenone	2	0.109	U	
62-53-3	Aniline	2	0.437	U	
120-12-7	Anthracene	2	0.109	U	
1912-24-9	Atrazine	2	0.109	U	
100-52-7	Benzaldehyde	2	0.109	U	
92-87-5	Benzidine	2	0.437	U	
56-55-3	Benzo(a)anthracene	2	0.109	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-09 | File ID: E90023893.D

Sampled: 12/28/22 12:59 | Prepared: 01/03/23 08:29 | Analyzed: 01/04/23 15:30

Solids: 76.15 | Preparation: EPA 3546 SVOA | Initial/Final: 30.1 g / 1 mL

Batch: BA30018 | Sequence: S3A0424 | Calibration: SL20044 | Instrument: MSBNA9

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.109	U	
205-99-2	Benzo(b)fluoranthene	2	0.109	U	
191-24-2	Benzo(g,h,i)perylene	2	0.109	U	
207-08-9	Benzo(k)fluoranthene	2	0.109	U	
65-85-0	Benzoic acid	2	0.109	U	
100-51-6	Benzyl alcohol	2	0.109	U	
85-68-7	Benzyl butyl phthalate	2	0.109	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.109	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.109	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.109	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.109	U	UJ
105-60-2	Caprolactam	2	0.218	U	
86-74-8	Carbazole	2	0.109	U	
218-01-9	Chrysene	2	0.109	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.109	U	
132-64-9	Dibenzofuran	2	0.109	U	
84-66-2	Diethyl phthalate	2	0.109	U	
131-11-3	Dimethyl phthalate	2	0.109	U	
84-74-2	Di-n-butyl phthalate	2	0.109	U	
117-84-0	Di-n-octyl phthalate	2	0.109	U	
206-44-0	Fluoranthene	2	0.109	U	
86-73-7	Fluorene	2	0.109	U	
118-74-1	Hexachlorobenzene	2	0.109	U	
87-68-3	Hexachlorobutadiene	2	0.109	U	
77-47-4	Hexachlorocyclopentadiene	2	0.109	U	
67-72-1	Hexachloroethane	2	0.109	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.109	U	
78-59-1	Isophorone	2	0.109	U	
91-20-3	Naphthalene	2	0.109	U	
98-95-3	Nitrobenzene	2	0.109	U	
62-75-9	N-Nitrosodimethylamine	2	0.109	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.109	U	
86-30-6	N-Nitrosodiphenylamine	2	0.109	U	
87-86-5	Pentachlorophenol	2	0.109	U	
85-01-8	Phenanthrene	2	0.109	U	
108-95-2	Phenol	2	0.109	U	
129-00-0	Pyrene	2	0.109	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.18	1.06	48.4	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID: E70345579.D

Sampled: 12/28/22 13:20 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 11:04

Solids: 87.86 Preparation: EPA 3550C Initial/Final: 30.7 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0928	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.185	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0928	U	
95-50-1	1,2-Dichlorobenzene	2	0.0928	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0928	U	
541-73-1	1,3-Dichlorobenzene	2	0.0928	U	
106-46-7	1,4-Dichlorobenzene	2	0.0928	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.185	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0928	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0928	U	
120-83-2	2,4-Dichlorophenol	2	0.0928	U	
105-67-9	2,4-Dimethylphenol	2	0.0928	U	
51-28-5	2,4-Dinitrophenol	2	0.185	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0928	U	
606-20-2	2,6-Dinitrotoluene	2	0.0928	U	
91-58-7	2-Chloronaphthalene	2	0.0928	U	
95-57-8	2-Chlorophenol	2	0.0928	U	
91-57-6	2-Methylnaphthalene	2	0.0928	U	
95-48-7	2-Methylphenol	2	0.0928	U	
88-74-4	2-Nitroaniline	2	0.185	U	
88-75-5	2-Nitrophenol	2	0.0928	U	
65794-96-9	3- & 4-Methylphenols	2	0.0928	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0928	U	
99-09-2	3-Nitroaniline	2	0.185	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.185	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0928	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0928	U	
106-47-8	4-Chloroaniline	2	0.0928	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0928	U	
100-01-6	4-Nitroaniline	2	0.185	U	
100-02-7	4-Nitrophenol	2	0.185	U	
83-32-9	Acenaphthene	2	0.0928	U	
208-96-8	Acenaphthylene	2	0.0928	U	
98-86-2	Acetophenone	2	0.0928	U	
62-53-3	Aniline	2	0.371	U	
120-12-7	Anthracene	2	0.0928	U	
1912-24-9	Atrazine	2	0.0928	U	
100-52-7	Benzaldehyde	2	0.0928	U	
92-87-5	Benzidine	2	0.371	U	
56-55-3	Benzo(a)anthracene	2	0.0928	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID: E70345579.D

Sampled: 12/28/22 13:20 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 11:04

Solids: 87.86 Preparation: EPA 3550C Initial/Final: 30.7 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0928	U	
205-99-2	Benzo(b)fluoranthene	2	0.0928	U	
191-24-2	Benzo(g,h,i)perylene	2	0.0928	U	
207-08-9	Benzo(k)fluoranthene	2	0.0928	U	
65-85-0	Benzoic acid	2	~~0.0928~~	U	R
100-51-6	Benzyl alcohol	2	0.0928	U	
85-68-7	Benzyl butyl phthalate	2	0.0928	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.0928	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0928	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0928	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0928	U	
105-60-2	Caprolactam	2	0.185	U	
86-74-8	Carbazole	2	0.0928	U	
218-01-9	Chrysene	2	0.0928	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.0928	U	
132-64-9	Dibenzofuran	2	0.0928	U	
84-66-2	Diethyl phthalate	2	0.0928	U	
131-11-3	Dimethyl phthalate	2	0.0928	U	
84-74-2	Di-n-butyl phthalate	2	0.0928	U	
117-84-0	Di-n-octyl phthalate	2	0.0928	U	
206-44-0	Fluoranthene	2	0.0928	U	
86-73-7	Fluorene	2	0.0928	U	
118-74-1	Hexachlorobenzene	2	0.0928	U	
87-68-3	Hexachlorobutadiene	2	0.0928	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0928	U	
67-72-1	Hexachloroethane	2	0.0928	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0928	U	
78-59-1	Isophorone	2	0.0928	U	
91-20-3	Naphthalene	2	0.0928	U	
98-95-3	Nitrobenzene	2	0.0928	U	
62-75-9	N-Nitrosodimethylamine	2	0.0928	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0928	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0928	U	
87-86-5	Pentachlorophenol	2	0.0928	U	
85-01-8	Phenanthrene	2	0.0928	U	
108-95-2	Phenol	2	0.0928	U	
129-00-0	Pyrene	2	0.0928	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.85	1.03	55.7	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID: E70345580.D

Sampled: 12/28/22 13:29 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 11:34

Solids: 73.33 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.113	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.226	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.113	U	
95-50-1	1,2-Dichlorobenzene	2	0.113	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.113	U	
541-73-1	1,3-Dichlorobenzene	2	0.113	U	
106-46-7	1,4-Dichlorobenzene	2	0.113	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.226	U	
95-95-4	2,4,5-Trichlorophenol	2	0.113	U	
88-06-2	2,4,6-Trichlorophenol	2	0.113	U	
120-83-2	2,4-Dichlorophenol	2	0.113	U	
105-67-9	2,4-Dimethylphenol	2	0.113	U	
51-28-5	2,4-Dinitrophenol	2	0.226	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.113	U	
606-20-2	2,6-Dinitrotoluene	2	0.113	U	
91-58-7	2-Chloronaphthalene	2	0.113	U	
95-57-8	2-Chlorophenol	2	0.113	U	
91-57-6	2-Methylnaphthalene	2	0.113	U	
95-48-7	2-Methylphenol	2	0.113	U	
88-74-4	2-Nitroaniline	2	0.226	U	
88-75-5	2-Nitrophenol	2	0.113	U	
65794-96-9	3- & 4-Methylphenols	2	0.113	U	
91-94-1	3,3-Dichlorobenzidine	2	0.113	U	
99-09-2	3-Nitroaniline	2	0.226	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.226	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.113	U	
59-50-7	4-Chloro-3-methylphenol	2	0.113	U	
106-47-8	4-Chloroaniline	2	0.113	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.113	U	
100-01-6	4-Nitroaniline	2	0.226	U	
100-02-7	4-Nitrophenol	2	0.226	U	
83-32-9	Acenaphthene	2	0.113	U	
208-96-8	Acenaphthylene	2	0.113	U	
98-86-2	Acetophenone	2	0.113	U	
62-53-3	Aniline	2	0.454	U	
120-12-7	Anthracene	2	0.113	U	
1912-24-9	Atrazine	2	0.113	U	
100-52-7	Benzaldehyde	2	0.113	U	
92-87-5	Benzidine	2	0.454	U	
56-55-3	Benzo(a)anthracene	2	0.113	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID: E70345580.D

Sampled: 12/28/22 13:29 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 11:34

Solids: 73.33 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.113	U	
205-99-2	Benzo(b)fluoranthene	2	0.113	U	
191-24-2	Benzo(g,h,i)perylene	2	0.113	U	
207-08-9	Benzo(k)fluoranthene	2	0.113	U	
65-85-0	Benzoic acid	2	0.113	U	R
100-51-6	Benzyl alcohol	2	0.113	U	
85-68-7	Benzyl butyl phthalate	2	0.113	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.113	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.113	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.113	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.113	U	
105-60-2	Caprolactam	2	0.226	U	
86-74-8	Carbazole	2	0.113	U	
218-01-9	Chrysene	2	0.113	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.113	U	
132-64-9	Dibenzofuran	2	0.113	U	
84-66-2	Diethyl phthalate	2	0.113	U	
131-11-3	Dimethyl phthalate	2	0.113	U	
84-74-2	Di-n-butyl phthalate	2	0.113	U	
117-84-0	Di-n-octyl phthalate	2	0.113	U	
206-44-0	Fluoranthene	2	0.113	U	
86-73-7	Fluorene	2	0.113	U	
118-74-1	Hexachlorobenzene	2	0.113	U	
87-68-3	Hexachlorobutadiene	2	0.113	U	
77-47-4	Hexachlorocyclopentadiene	2	0.113	U	
67-72-1	Hexachloroethane	2	0.113	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.113	U	
78-59-1	Isophorone	2	0.113	U	
91-20-3	Naphthalene	2	0.113	U	
98-95-3	Nitrobenzene	2	0.113	U	
62-75-9	N-Nitrosodimethylamine	2	0.113	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.113	U	
86-30-6	N-Nitrosodiphenylamine	2	0.113	U	
87-86-5	Pentachlorophenol	2	0.113	U	
85-01-8	Phenanthrene	2	0.113	U	
108-95-2	Phenol	2	0.113	U	
129-00-0	Pyrene	2	0.113	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.27	1.37	60.3	20 - 108	

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EPA 8270D

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID: E70345581.D

Sampled: 12/28/22 13:38 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 12:03

Solids: 75.97 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.108	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.216	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.108	U	
95-50-1	1,2-Dichlorobenzene	2	0.108	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.108	U	
541-73-1	1,3-Dichlorobenzene	2	0.108	U	
106-46-7	1,4-Dichlorobenzene	2	0.108	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.216	U	
95-95-4	2,4,5-Trichlorophenol	2	0.108	U	
88-06-2	2,4,6-Trichlorophenol	2	0.108	U	
120-83-2	2,4-Dichlorophenol	2	0.108	U	
105-67-9	2,4-Dimethylphenol	2	0.108	U	
51-28-5	2,4-Dinitrophenol	2	0.216	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.108	U	
606-20-2	2,6-Dinitrotoluene	2	0.108	U	
91-58-7	2-Chloronaphthalene	2	0.108	U	
95-57-8	2-Chlorophenol	2	0.108	U	
91-57-6	2-Methylnaphthalene	2	0.108	U	
95-48-7	2-Methylphenol	2	0.108	U	
88-74-4	2-Nitroaniline	2	0.216	U	
88-75-5	2-Nitrophenol	2	0.108	U	
65794-96-9	3- & 4-Methylphenols	2	0.108	U	
91-94-1	3,3-Dichlorobenzidine	2	0.108	U	
99-09-2	3-Nitroaniline	2	0.216	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.216	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.108	U	
59-50-7	4-Chloro-3-methylphenol	2	0.108	U	
106-47-8	4-Chloroaniline	2	0.108	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.108	U	
100-01-6	4-Nitroaniline	2	0.216	U	
100-02-7	4-Nitrophenol	2	0.216	U	
83-32-9	Acenaphthene	2	0.108	U	
208-96-8	Acenaphthylene	2	0.108	U	
98-86-2	Acetophenone	2	0.108	U	
62-53-3	Aniline	2	0.434	U	
120-12-7	Anthracene	2	0.108	U	
1912-24-9	Atrazine	2	0.108	U	
100-52-7	Benzaldehyde	2	0.108	U	
92-87-5	Benzidine	2	0.434	U	
56-55-3	Benzo(a)anthracene	2	0.108	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID: E70345581.D

Sampled: 12/28/22 13:38 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 12:03

Solids: 75.97 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.108	U	
205-99-2	Benzo(b)fluoranthene	2	0.108	U	
191-24-2	Benzo(g,h,i)perylene	2	0.108	U	
207-08-9	Benzo(k)fluoranthene	2	0.108	U	
65-85-0	Benzoic acid	2	0.108	U	R
100-51-6	Benzyl alcohol	2	0.108	U	
85-68-7	Benzyl butyl phthalate	2	0.108	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.108	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.108	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.108	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.108	U	
105-60-2	Caprolactam	2	0.216	U	
86-74-8	Carbazole	2	0.108	U	
218-01-9	Chrysene	2	0.108	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.108	U	
132-64-9	Dibenzofuran	2	0.108	U	
84-66-2	Diethyl phthalate	2	0.108	U	
131-11-3	Dimethyl phthalate	2	0.108	U	
84-74-2	Di-n-butyl phthalate	2	0.108	U	
117-84-0	Di-n-octyl phthalate	2	0.108	U	
206-44-0	Fluoranthene	2	0.108	U	
86-73-7	Fluorene	2	0.108	U	
118-74-1	Hexachlorobenzene	2	0.108	U	
87-68-3	Hexachlorobutadiene	2	0.108	U	
77-47-4	Hexachlorocyclopentadiene	2	0.108	U	
67-72-1	Hexachloroethane	2	0.108	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.108	U	
78-59-1	Isophorone	2	0.108	U	
91-20-3	Naphthalene	2	0.108	U	
98-95-3	Nitrobenzene	2	0.108	U	
62-75-9	N-Nitrosodimethylamine	2	0.108	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.108	U	
86-30-6	N-Nitrosodiphenylamine	2	0.108	U	
87-86-5	Pentachlorophenol	2	0.108	U	
85-01-8	Phenanthrene	2	0.108	U	
108-95-2	Phenol	2	0.108	U	
129-00-0	Pyrene	2	0.108	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.17	1.26	58.1	20 - 108	

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EPA 8270D

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID: E70345582.D

Sampled: 12/28/22 15:15 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 12:32

Solids: 81.51 Preparation: EPA 3550C Initial/Final: 30.5 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.101	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.201	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.101	U	
95-50-1	1,2-Dichlorobenzene	2	0.101	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.101	U	
541-73-1	1,3-Dichlorobenzene	2	0.101	U	
106-46-7	1,4-Dichlorobenzene	2	0.101	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.201	U	
95-95-4	2,4,5-Trichlorophenol	2	0.101	U	
88-06-2	2,4,6-Trichlorophenol	2	0.101	U	
120-83-2	2,4-Dichlorophenol	2	0.101	U	
105-67-9	2,4-Dimethylphenol	2	0.101	U	
51-28-5	2,4-Dinitrophenol	2	0.201	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.101	U	
606-20-2	2,6-Dinitrotoluene	2	0.101	U	
91-58-7	2-Chloronaphthalene	2	0.101	U	
95-57-8	2-Chlorophenol	2	0.101	U	
91-57-6	2-Methylnaphthalene	2	0.101	U	
95-48-7	2-Methylphenol	2	0.101	U	
88-74-4	2-Nitroaniline	2	0.201	U	
88-75-5	2-Nitrophenol	2	0.101	U	
65794-96-9	3- & 4-Methylphenols	2	0.138	D	
91-94-1	3,3-Dichlorobenzidine	2	0.101	U	
99-09-2	3-Nitroaniline	2	0.201	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.201	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.101	U	
59-50-7	4-Chloro-3-methylphenol	2	0.101	U	
106-47-8	4-Chloroaniline	2	0.101	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.101	U	
100-01-6	4-Nitroaniline	2	0.201	U	
100-02-7	4-Nitrophenol	2	0.201	U	
83-32-9	Acenaphthene	2	0.101	U	
208-96-8	Acenaphthylene	2	0.101	U	
98-86-2	Acetophenone	2	0.101	U	
62-53-3	Aniline	2	0.403	U	
120-12-7	Anthracene	2	0.101	U	
1912-24-9	Atrazine	2	0.101	U	
100-52-7	Benzaldehyde	2	0.101	U	
92-87-5	Benzidine	2	0.403	U	
56-55-3	Benzo(a)anthracene	2	0.0804	JD	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID: E70345582.D

Sampled: 12/28/22 15:15 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 12:32

Solids: 81.51 Preparation: EPA 3550C Initial/Final: 30.5 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.104	D
205-99-2	Benzo(b)fluoranthene	2	0.102	D
191-24-2	Benzo(g,h,i)perylene	2	0.0837	JD
207-08-9	Benzo(k)fluoranthene	2	0.0885	JD
65-85-0	Benzoic acid	2	~~0.101~~	U R
100-51-6	Benzyl alcohol	2	0.101	U
85-68-7	Benzyl butyl phthalate	2	0.101	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.101	U
111-44-4	Bis(2-chloroethyl)ether	2	0.101	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.101	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.136	D
105-60-2	Caprolactam	2	0.201	U
86-74-8	Carbazole	2	0.101	U
218-01-9	Chrysene	2	0.104	D
53-70-3	Dibenzo(a,h)anthracene	2	0.101	U
132-64-9	Dibenzofuran	2	0.101	U
84-66-2	Diethyl phthalate	2	0.101	U
131-11-3	Dimethyl phthalate	2	0.101	U
84-74-2	Di-n-butyl phthalate	2	0.101	U
117-84-0	Di-n-octyl phthalate	2	0.101	U
206-44-0	Fluoranthene	2	0.158	D
86-73-7	Fluorene	2	0.101	U
118-74-1	Hexachlorobenzene	2	0.101	U
87-68-3	Hexachlorobutadiene	2	0.101	U
77-47-4	Hexachlorocyclopentadiene	2	0.101	U
67-72-1	Hexachloroethane	2	0.101	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0788	JD
78-59-1	Isophorone	2	0.101	U
91-20-3	Naphthalene	2	0.101	U
98-95-3	Nitrobenzene	2	0.101	U
62-75-9	N-Nitrosodimethylamine	2	0.101	U
621-64-7	N-nitroso-di-n-propylamine	2	0.101	U
86-30-6	N-Nitrosodiphenylamine	2	0.101	U
87-86-5	Pentachlorophenol	2	0.101	U
85-01-8	Phenanthrene	2	0.0636	JD
108-95-2	Phenol	2	0.101	U
129-00-0	Pyrene	2	0.149	D

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.01	0.937	46.6	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID: E70345583.D

Sampled: 12/28/22 15:29 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 13:02

Solids: 87.80 Preparation: EPA 3550C Initial/Final: 30.7 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0928	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.185	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0928	U	
95-50-1	1,2-Dichlorobenzene	2	0.0928	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0928	U	
541-73-1	1,3-Dichlorobenzene	2	0.0928	U	
106-46-7	1,4-Dichlorobenzene	2	0.0928	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.185	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0928	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0928	U	
120-83-2	2,4-Dichlorophenol	2	0.0928	U	
105-67-9	2,4-Dimethylphenol	2	0.0928	U	
51-28-5	2,4-Dinitrophenol	2	0.185	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0928	U	
606-20-2	2,6-Dinitrotoluene	2	0.0928	U	
91-58-7	2-Chloronaphthalene	2	0.0928	U	
95-57-8	2-Chlorophenol	2	0.0928	U	
91-57-6	2-Methylnaphthalene	2	0.0928	U	
95-48-7	2-Methylphenol	2	0.0928	U	
88-74-4	2-Nitroaniline	2	0.185	U	
88-75-5	2-Nitrophenol	2	0.0928	U	
65794-96-9	3- & 4-Methylphenols	2	0.0928	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0928	U	
99-09-2	3-Nitroaniline	2	0.185	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.185	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0928	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0928	U	
106-47-8	4-Chloroaniline	2	0.0928	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0928	U	
100-01-6	4-Nitroaniline	2	0.185	U	
100-02-7	4-Nitrophenol	2	0.185	U	
83-32-9	Acenaphthene	2	0.0928	U	
208-96-8	Acenaphthylene	2	0.0928	U	
98-86-2	Acetophenone	2	0.0928	U	
62-53-3	Aniline	2	0.372	U	
120-12-7	Anthracene	2	0.0571	JD	
1912-24-9	Atrazine	2	0.0928	U	
100-52-7	Benzaldehyde	2	0.0928	U	
92-87-5	Benzidine	2	0.372	U	
56-55-3	Benzo(a)anthracene	2	0.191	D	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID: E70345583.D

Sampled: 12/28/22 15:29 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 13:02

Solids: 87.80 Preparation: EPA 3550C Initial/Final: 30.7 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.174	D
205-99-2	Benzo(b)fluoranthene	2	0.144	D
191-24-2	Benzo(g,h,i)perylene	2	0.112	D
207-08-9	Benzo(k)fluoranthene	2	0.149	D
65-85-0	Benzoic acid	2	~~0.0928~~	U R
100-51-6	Benzyl alcohol	2	0.0928	U
85-68-7	Benzyl butyl phthalate	2	0.0928	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.0928	U
111-44-4	Bis(2-chloroethyl)ether	2	0.0928	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0928	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0928	U
105-60-2	Caprolactam	2	0.185	U
86-74-8	Carbazole	2	0.0928	U
218-01-9	Chrysene	2	0.181	D
53-70-3	Dibenzo(a,h)anthracene	2	0.0928	U
132-64-9	Dibenzofuran	2	0.0928	U
84-66-2	Diethyl phthalate	2	0.0928	U
131-11-3	Dimethyl phthalate	2	0.0928	U
84-74-2	Di-n-butyl phthalate	2	0.0928	U
117-84-0	Di-n-octyl phthalate	2	0.0928	U
206-44-0	Fluoranthene	2	0.367	D
86-73-7	Fluorene	2	0.0928	U
118-74-1	Hexachlorobenzene	2	0.0928	U
87-68-3	Hexachlorobutadiene	2	0.0928	U
77-47-4	Hexachlorocyclopentadiene	2	0.0928	U
67-72-1	Hexachloroethane	2	0.0928	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.121	D
78-59-1	Isophorone	2	0.0928	U
91-20-3	Naphthalene	2	0.0928	U
98-95-3	Nitrobenzene	2	0.0928	U
62-75-9	N-Nitrosodimethylamine	2	0.0928	U
621-64-7	N-nitroso-di-n-propylamine	2	0.0928	U
86-30-6	N-Nitrosodiphenylamine	2	0.0928	U
87-86-5	Pentachlorophenol	2	0.0928	U
85-01-8	Phenanthrene	2	0.171	D
108-95-2	Phenol	2	0.0928	U
129-00-0	Pyrene	2	0.332	D

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.85	0.996	53.7	20 - 108	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID: E70345584.D

Sampled: 12/28/22 15:43 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 13:32

Solids: 80.03 Preparation: EPA 3550C Initial/Final: 30.8 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.102	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.203	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.102	U	
95-50-1	1,2-Dichlorobenzene	2	0.102	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.102	U	
541-73-1	1,3-Dichlorobenzene	2	0.102	U	
106-46-7	1,4-Dichlorobenzene	2	0.102	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.203	U	
95-95-4	2,4,5-Trichlorophenol	2	0.102	U	
88-06-2	2,4,6-Trichlorophenol	2	0.102	U	
120-83-2	2,4-Dichlorophenol	2	0.102	U	
105-67-9	2,4-Dimethylphenol	2	0.102	U	
51-28-5	2,4-Dinitrophenol	2	0.203	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.102	U	
606-20-2	2,6-Dinitrotoluene	2	0.102	U	
91-58-7	2-Chloronaphthalene	2	0.102	U	
95-57-8	2-Chlorophenol	2	0.102	U	
91-57-6	2-Methylnaphthalene	2	0.102	U	
95-48-7	2-Methylphenol	2	0.102	U	
88-74-4	2-Nitroaniline	2	0.203	U	
88-75-5	2-Nitrophenol	2	0.102	U	
65794-96-9	3- & 4-Methylphenols	2	0.102	U	
91-94-1	3,3-Dichlorobenzidine	2	0.102	U	
99-09-2	3-Nitroaniline	2	0.203	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.203	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.102	U	
59-50-7	4-Chloro-3-methylphenol	2	0.102	U	
106-47-8	4-Chloroaniline	2	0.102	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.102	U	
100-01-6	4-Nitroaniline	2	0.203	U	
100-02-7	4-Nitrophenol	2	0.203	U	
83-32-9	Acenaphthene	2	0.102	U	
208-96-8	Acenaphthylene	2	0.102	U	
98-86-2	Acetophenone	2	0.102	U	
62-53-3	Aniline	2	0.406	U	
120-12-7	Anthracene	2	0.102	U	
1912-24-9	Atrazine	2	0.102	U	
100-52-7	Benzaldehyde	2	0.102	U	
92-87-5	Benzidine	2	0.406	U	
56-55-3	Benzo(a)anthracene	2	0.102	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID: E70345584.D

Sampled: 12/28/22 15:43 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 13:32

Solids: 80.03 Preparation: EPA 3550C Initial/Final: 30.8 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.102	U	
205-99-2	Benzo(b)fluoranthene	2	0.102	U	
191-24-2	Benzo(g,h,i)perylene	2	0.102	U	
207-08-9	Benzo(k)fluoranthene	2	0.102	U	
65-85-0	Benzoic acid	2	0.102	U	R
100-51-6	Benzyl alcohol	2	0.102	U	
85-68-7	Benzyl butyl phthalate	2	0.102	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.102	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.102	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.102	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.837	D	
105-60-2	Caprolactam	2	0.203	U	
86-74-8	Carbazole	2	0.102	U	
218-01-9	Chrysene	2	0.102	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.102	U	
132-64-9	Dibenzofuran	2	0.102	U	
84-66-2	Diethyl phthalate	2	0.102	U	
131-11-3	Dimethyl phthalate	2	0.102	U	
84-74-2	Di-n-butyl phthalate	2	0.102	U	
117-84-0	Di-n-octyl phthalate	2	0.102	U	
206-44-0	Fluoranthene	2	0.102	U	
86-73-7	Fluorene	2	0.102	U	
118-74-1	Hexachlorobenzene	2	0.102	U	
87-68-3	Hexachlorobutadiene	2	0.102	U	
77-47-4	Hexachlorocyclopentadiene	2	0.102	U	
67-72-1	Hexachloroethane	2	0.102	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.102	U	
78-59-1	Isophorone	2	0.102	U	
91-20-3	Naphthalene	2	0.102	U	
98-95-3	Nitrobenzene	2	0.102	U	
62-75-9	N-Nitrosodimethylamine	2	0.102	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.102	U	
86-30-6	N-Nitrosodiphenylamine	2	0.102	U	
87-86-5	Pentachlorophenol	2	0.102	U	
85-01-8	Phenanthrene	2	0.102	U	
108-95-2	Phenol	2	0.102	U	
129-00-0	Pyrene	2	0.102	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.03	0.884	43.6	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID: E70345585.D

Sampled: 12/28/22 15:59 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 14:02

Solids: 75.26 Preparation: EPA 3550C Initial/Final: 30.6 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.109	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.217	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.109	U	
95-50-1	1,2-Dichlorobenzene	2	0.109	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.109	U	
541-73-1	1,3-Dichlorobenzene	2	0.109	U	
106-46-7	1,4-Dichlorobenzene	2	0.109	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.217	U	
95-95-4	2,4,5-Trichlorophenol	2	0.109	U	
88-06-2	2,4,6-Trichlorophenol	2	0.109	U	
120-83-2	2,4-Dichlorophenol	2	0.109	U	
105-67-9	2,4-Dimethylphenol	2	0.109	U	
51-28-5	2,4-Dinitrophenol	2	0.217	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.109	U	
606-20-2	2,6-Dinitrotoluene	2	0.109	U	
91-58-7	2-Chloronaphthalene	2	0.109	U	
95-57-8	2-Chlorophenol	2	0.109	U	
91-57-6	2-Methylnaphthalene	2	0.109	U	
95-48-7	2-Methylphenol	2	0.109	U	
88-74-4	2-Nitroaniline	2	0.217	U	
88-75-5	2-Nitrophenol	2	0.109	U	
65794-96-9	3- & 4-Methylphenols	2	0.109	U	
91-94-1	3,3-Dichlorobenzidine	2	0.109	U	
99-09-2	3-Nitroaniline	2	0.217	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.217	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.109	U	
59-50-7	4-Chloro-3-methylphenol	2	0.109	U	
106-47-8	4-Chloroaniline	2	0.109	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.109	U	
100-01-6	4-Nitroaniline	2	0.217	U	
100-02-7	4-Nitrophenol	2	0.217	U	
83-32-9	Acenaphthene	2	0.109	U	
208-96-8	Acenaphthylene	2	0.109	U	
98-86-2	Acetophenone	2	0.109	U	
62-53-3	Aniline	2	0.435	U	
120-12-7	Anthracene	2	0.109	U	
1912-24-9	Atrazine	2	0.109	U	
100-52-7	Benzaldehyde	2	0.109	U	
92-87-5	Benzidine	2	0.435	U	
56-55-3	Benzo(a)anthracene	2	0.109	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID: E70345585.D

Sampled: 12/28/22 15:59 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 14:02

Solids: 75.26 Preparation: EPA 3550C Initial/Final: 30.6 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.109	U	
205-99-2	Benzo(b)fluoranthene	2	0.109	U	
191-24-2	Benzo(g,h,i)perylene	2	0.109	U	
207-08-9	Benzo(k)fluoranthene	2	0.109	U	
65-85-0	Benzoic acid	2	~~0.109~~	U	R
100-51-6	Benzyl alcohol	2	0.109	U	
85-68-7	Benzyl butyl phthalate	2	0.109	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.109	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.109	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.109	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.109	U	
105-60-2	Caprolactam	2	0.217	U	
86-74-8	Carbazole	2	0.109	U	
218-01-9	Chrysene	2	0.109	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.109	U	
132-64-9	Dibenzofuran	2	0.109	U	
84-66-2	Diethyl phthalate	2	0.109	U	
131-11-3	Dimethyl phthalate	2	0.109	U	
84-74-2	Di-n-butyl phthalate	2	0.109	U	
117-84-0	Di-n-octyl phthalate	2	0.109	U	
206-44-0	Fluoranthene	2	0.109	U	
86-73-7	Fluorene	2	0.109	U	
118-74-1	Hexachlorobenzene	2	0.109	U	
87-68-3	Hexachlorobutadiene	2	0.109	U	
77-47-4	Hexachlorocyclopentadiene	2	0.109	U	
67-72-1	Hexachloroethane	2	0.109	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.109	U	
78-59-1	Isophorone	2	0.109	U	
91-20-3	Naphthalene	2	0.109	U	
98-95-3	Nitrobenzene	2	0.109	U	
62-75-9	N-Nitrosodimethylamine	2	0.109	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.109	U	
86-30-6	N-Nitrosodiphenylamine	2	0.109	U	
87-86-5	Pentachlorophenol	2	0.109	U	
85-01-8	Phenanthrene	2	0.109	U	
108-95-2	Phenol	2	0.109	U	
129-00-0	Pyrene	2	0.109	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.17	1.17	53.8	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-17 File ID: E70345586.D

Sampled: 12/28/22 16:25 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 14:31

Solids: 89.04 Preparation: EPA 3550C Initial/Final: 30.2 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0930	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.186	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0930	U	
95-50-1	1,2-Dichlorobenzene	2	0.0930	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0930	U	
541-73-1	1,3-Dichlorobenzene	2	0.0930	U	
106-46-7	1,4-Dichlorobenzene	2	0.0930	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.186	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0930	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0930	U	
120-83-2	2,4-Dichlorophenol	2	0.0930	U	
105-67-9	2,4-Dimethylphenol	2	0.0930	U	
51-28-5	2,4-Dinitrophenol	2	0.186	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0930	U	
606-20-2	2,6-Dinitrotoluene	2	0.0930	U	
91-58-7	2-Chloronaphthalene	2	0.0930	U	
95-57-8	2-Chlorophenol	2	0.0930	U	
91-57-6	2-Methylnaphthalene	2	0.0930	U	
95-48-7	2-Methylphenol	2	0.0930	U	
88-74-4	2-Nitroaniline	2	0.186	U	
88-75-5	2-Nitrophenol	2	0.0930	U	
65794-96-9	3- & 4-Methylphenols	2	0.0930	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0930	U	
99-09-2	3-Nitroaniline	2	0.186	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.186	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0930	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0930	U	
106-47-8	4-Chloroaniline	2	0.0930	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0930	U	
100-01-6	4-Nitroaniline	2	0.186	U	
100-02-7	4-Nitrophenol	2	0.186	U	
83-32-9	Acenaphthene	2	0.0930	U	
208-96-8	Acenaphthylene	2	0.125	D	
98-86-2	Acetophenone	2	0.0930	U	
62-53-3	Aniline	2	0.373	U	
120-12-7	Anthracene	2	0.123	D	
1912-24-9	Atrazine	2	0.0930	U	
100-52-7	Benzaldehyde	2	0.0930	U	
92-87-5	Benzidine	2	0.373	U	
56-55-3	Benzo(a)anthracene	2	0.321	D	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-17 | File ID: E70345586.D

Sampled: 12/28/22 16:25 | Prepared: 01/03/23 08:21 | Analyzed: 01/04/23 14:31

Solids: 89.04 | Preparation: EPA 3550C | Initial/Final: 30.2 g / 1 mL

Batch: BA30014 | Sequence: S3A0421 | Calibration: SA30001 | Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.373	D	
205-99-2	Benzo(b)fluoranthene	2	0.265	D	
191-24-2	Benzo(g,h,i)perylene	2	0.220	D	
207-08-9	Benzo(k)fluoranthene	2	0.257	D	
65-85-0	Benzoic acid	2	~~0.0930~~	U	R
100-51-6	Benzyl alcohol	2	0.0930	U	
85-68-7	Benzyl butyl phthalate	2	0.0930	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.0930	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0930	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0930	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.114	D	
105-60-2	Caprolactam	2	0.186	U	
86-74-8	Carbazole	2	0.0930	U	
218-01-9	Chrysene	2	0.325	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.0483	JD	
132-64-9	Dibenzofuran	2	0.0930	U	
84-66-2	Diethyl phthalate	2	0.0930	U	
131-11-3	Dimethyl phthalate	2	0.0930	U	
84-74-2	Di-n-butyl phthalate	2	0.0930	U	
117-84-0	Di-n-octyl phthalate	2	0.0930	U	
206-44-0	Fluoranthene	2	0.573	D	
86-73-7	Fluorene	2	0.0930	U	
118-74-1	Hexachlorobenzene	2	0.0930	U	
87-68-3	Hexachlorobutadiene	2	0.0930	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0930	U	
67-72-1	Hexachloroethane	2	0.0930	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.226	D	
78-59-1	Isophorone	2	0.0930	U	
91-20-3	Naphthalene	2	0.0930	U	
98-95-3	Nitrobenzene	2	0.0930	U	
62-75-9	N-Nitrosodimethylamine	2	0.0930	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0930	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0930	U	
87-86-5	Pentachlorophenol	2	0.0930	U	
85-01-8	Phenanthrene	2	0.276	D	
108-95-2	Phenol	2	0.0930	U	
129-00-0	Pyrene	2	0.568	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.86	0.689	37.0	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID: E70345587.D

Sampled: 12/28/22 16:42 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 15:01

Solids: 77.50 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.106	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.212	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.106	U	
95-50-1	1,2-Dichlorobenzene	2	0.106	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.106	U	
541-73-1	1,3-Dichlorobenzene	2	0.106	U	
106-46-7	1,4-Dichlorobenzene	2	0.106	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.212	U	
95-95-4	2,4,5-Trichlorophenol	2	0.106	U	
88-06-2	2,4,6-Trichlorophenol	2	0.106	U	
120-83-2	2,4-Dichlorophenol	2	0.106	U	
105-67-9	2,4-Dimethylphenol	2	0.106	U	
51-28-5	2,4-Dinitrophenol	2	0.212	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.106	U	
606-20-2	2,6-Dinitrotoluene	2	0.106	U	
91-58-7	2-Chloronaphthalene	2	0.106	U	
95-57-8	2-Chlorophenol	2	0.106	U	
91-57-6	2-Methylnaphthalene	2	0.106	U	
95-48-7	2-Methylphenol	2	0.106	U	
88-74-4	2-Nitroaniline	2	0.212	U	
88-75-5	2-Nitrophenol	2	0.106	U	
65794-96-9	3- & 4-Methylphenols	2	0.106	U	
91-94-1	3,3-Dichlorobenzidine	2	0.106	U	
99-09-2	3-Nitroaniline	2	0.212	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.212	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.106	U	
59-50-7	4-Chloro-3-methylphenol	2	0.106	U	
106-47-8	4-Chloroaniline	2	0.106	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.106	U	
100-01-6	4-Nitroaniline	2	0.212	U	
100-02-7	4-Nitrophenol	2	0.212	U	
83-32-9	Acenaphthene	2	0.106	U	
208-96-8	Acenaphthylene	2	0.106	U	
98-86-2	Acetophenone	2	0.106	U	
62-53-3	Aniline	2	0.425	U	
120-12-7	Anthracene	2	0.106	U	
1912-24-9	Atrazine	2	0.106	U	
100-52-7	Benzaldehyde	2	0.106	U	
92-87-5	Benzidine	2	0.425	U	
56-55-3	Benzo(a)anthracene	2	0.106	U	

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EPA 8270D

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-18 | File ID: E70345587.D

Sampled: 12/28/22 16:42 | Prepared: 01/03/23 08:21 | Analyzed: 01/04/23 15:01

Solids: 77.50 | Preparation: EPA 3550C | Initial/Final: 30.4 g / 1 mL

Batch: BA30014 | Sequence: S3A0421 | Calibration: SA30001 | Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.106	U	
205-99-2	Benzo(b)fluoranthene	2	0.106	U	
191-24-2	Benzo(g,h,i)perylene	2	0.106	U	
207-08-9	Benzo(k)fluoranthene	2	0.106	U	
65-85-0	Benzoic acid	2	~~0.106~~	U	R
100-51-6	Benzyl alcohol	2	0.106	U	
85-68-7	Benzyl butyl phthalate	2	0.106	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.106	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.106	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.106	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.106	D	
105-60-2	Caprolactam	2	0.212	U	
86-74-8	Carbazole	2	0.106	U	
218-01-9	Chrysene	2	0.106	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.106	U	
132-64-9	Dibenzofuran	2	0.106	U	
84-66-2	Diethyl phthalate	2	0.106	U	
131-11-3	Dimethyl phthalate	2	0.106	U	
84-74-2	Di-n-butyl phthalate	2	0.106	U	
117-84-0	Di-n-octyl phthalate	2	0.106	U	
206-44-0	Fluoranthene	2	0.0543	JD	
86-73-7	Fluorene	2	0.106	U	
118-74-1	Hexachlorobenzene	2	0.106	U	
87-68-3	Hexachlorobutadiene	2	0.106	U	
77-47-4	Hexachlorocyclopentadiene	2	0.106	U	
67-72-1	Hexachloroethane	2	0.106	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.106	U	
78-59-1	Isophorone	2	0.106	U	
91-20-3	Naphthalene	2	0.106	U	
98-95-3	Nitrobenzene	2	0.106	U	
62-75-9	N-Nitrosodimethylamine	2	0.106	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.106	U	
86-30-6	N-Nitrosodiphenylamine	2	0.106	U	
87-86-5	Pentachlorophenol	2	0.106	U	
85-01-8	Phenanthrene	2	0.0696	JD	
108-95-2	Phenol	2	0.106	U	
129-00-0	Pyrene	2	0.0951	JD	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.12	1.38	64.8	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-19 File ID: E70345588.D

Sampled: 12/28/22 16:59 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 15:31

Solids: 69.32 Preparation: EPA 3550C Initial/Final: 30.9 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.117	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.233	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.117	U	
95-50-1	1,2-Dichlorobenzene	2	0.117	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.117	U	
541-73-1	1,3-Dichlorobenzene	2	0.117	U	
106-46-7	1,4-Dichlorobenzene	2	0.117	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.233	U	
95-95-4	2,4,5-Trichlorophenol	2	0.117	U	
88-06-2	2,4,6-Trichlorophenol	2	0.117	U	
120-83-2	2,4-Dichlorophenol	2	0.117	U	
105-67-9	2,4-Dimethylphenol	2	0.117	U	
51-28-5	2,4-Dinitrophenol	2	0.233	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.117	U	
606-20-2	2,6-Dinitrotoluene	2	0.117	U	
91-58-7	2-Chloronaphthalene	2	0.117	U	
95-57-8	2-Chlorophenol	2	0.117	U	
91-57-6	2-Methylnaphthalene	2	0.117	U	
95-48-7	2-Methylphenol	2	0.117	U	
88-74-4	2-Nitroaniline	2	0.233	U	
88-75-5	2-Nitrophenol	2	0.117	U	
65794-96-9	3- & 4-Methylphenols	2	0.117	U	
91-94-1	3,3-Dichlorobenzidine	2	0.117	U	
99-09-2	3-Nitroaniline	2	0.233	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.233	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.117	U	
59-50-7	4-Chloro-3-methylphenol	2	0.117	U	
106-47-8	4-Chloroaniline	2	0.117	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.117	U	
100-01-6	4-Nitroaniline	2	0.233	U	
100-02-7	4-Nitrophenol	2	0.233	U	
83-32-9	Acenaphthene	2	0.117	U	
208-96-8	Acenaphthylene	2	0.117	U	
98-86-2	Acetophenone	2	0.117	U	
62-53-3	Aniline	2	0.468	U	
120-12-7	Anthracene	2	0.117	U	
1912-24-9	Atrazine	2	0.117	U	
100-52-7	Benzaldehyde	2	0.117	U	
92-87-5	Benzidine	2	0.468	U	
56-55-3	Benzo(a)anthracene	2	0.117	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-19 | File ID: E70345588.D

Sampled: 12/28/22 16:59 | Prepared: 01/03/23 08:21 | Analyzed: 01/04/23 15:31

Solids: 69.32 | Preparation: EPA 3550C | Initial/Final: 30.9 g / 1 mL

Batch: BA30014 | Sequence: S3A0421 | Calibration: SA30001 | Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.117	U
205-99-2	Benzo(b)fluoranthene	2	0.117	U
191-24-2	Benzo(g,h,i)perylene	2	0.117	U
207-08-9	Benzo(k)fluoranthene	2	0.117	U
65-85-0	Benzoic acid	2	0.117	U R
100-51-6	Benzyl alcohol	2	0.117	U
85-68-7	Benzyl butyl phthalate	2	0.117	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.117	U
111-44-4	Bis(2-chloroethyl)ether	2	0.117	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.117	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.117	U
105-60-2	Caprolactam	2	0.233	U
86-74-8	Carbazole	2	0.117	U
218-01-9	Chrysene	2	0.117	U
53-70-3	Dibenzo(a,h)anthracene	2	0.117	U
132-64-9	Dibenzofuran	2	0.117	U
84-66-2	Diethyl phthalate	2	0.117	U
131-11-3	Dimethyl phthalate	2	0.117	U
84-74-2	Di-n-butyl phthalate	2	0.117	U
117-84-0	Di-n-octyl phthalate	2	0.117	U
206-44-0	Fluoranthene	2	0.117	U
86-73-7	Fluorene	2	0.117	U
118-74-1	Hexachlorobenzene	2	0.117	U
87-68-3	Hexachlorobutadiene	2	0.117	U
77-47-4	Hexachlorocyclopentadiene	2	0.117	U
67-72-1	Hexachloroethane	2	0.117	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.117	U
78-59-1	Isophorone	2	0.117	U
91-20-3	Naphthalene	2	0.117	U
98-95-3	Nitrobenzene	2	0.117	U
62-75-9	N-Nitrosodimethylamine	2	0.117	U
621-64-7	N-nitroso-di-n-propylamine	2	0.117	U
86-30-6	N-Nitrosodiphenylamine	2	0.117	U
87-86-5	Pentachlorophenol	2	0.117	U
85-01-8	Phenanthrene	2	0.117	U
108-95-2	Phenol	2	0.117	U
129-00-0	Pyrene	2	0.117	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.33	1.39	59.4	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID: E70345589.D

Sampled: 12/28/22 14:14 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 16:01

Solids: 93.73 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0878	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.175	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0878	U	
95-50-1	1,2-Dichlorobenzene	2	0.0878	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0878	U	
541-73-1	1,3-Dichlorobenzene	2	0.0878	U	
106-46-7	1,4-Dichlorobenzene	2	0.0878	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.175	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0878	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0878	U	
120-83-2	2,4-Dichlorophenol	2	0.0878	U	
105-67-9	2,4-Dimethylphenol	2	0.0878	U	
51-28-5	2,4-Dinitrophenol	2	0.175	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0878	U	
606-20-2	2,6-Dinitrotoluene	2	0.0878	U	
91-58-7	2-Chloronaphthalene	2	0.0878	U	
95-57-8	2-Chlorophenol	2	0.0878	U	
91-57-6	2-Methylnaphthalene	2	0.0878	U	
95-48-7	2-Methylphenol	2	0.0878	U	
88-74-4	2-Nitroaniline	2	0.175	U	
88-75-5	2-Nitrophenol	2	0.0878	U	
65794-96-9	3- & 4-Methylphenols	2	0.0878	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0878	U	
99-09-2	3-Nitroaniline	2	0.175	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.175	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0878	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0878	U	
106-47-8	4-Chloroaniline	2	0.0878	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0878	U	
100-01-6	4-Nitroaniline	2	0.175	U	
100-02-7	4-Nitrophenol	2	0.175	U	
83-32-9	Acenaphthene	2	0.0878	U	
208-96-8	Acenaphthylene	2	0.192	D	
98-86-2	Acetophenone	2	0.0878	U	
62-53-3	Aniline	2	0.352	U	
120-12-7	Anthracene	2	0.216	D	
1912-24-9	Atrazine	2	0.0878	U	
100-52-7	Benzaldehyde	2	0.0878	U	
92-87-5	Benzidine	2	0.352	U	
56-55-3	Benzo(a)anthracene	2	0.451	D	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID: E70345589.D

Sampled: 12/28/22 14:14 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 16:01

Solids: 93.73 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.411	D
205-99-2	Benzo(b)fluoranthene	2	0.268	D
191-24-2	Benzo(g,h,i)perylene	2	0.218	D
207-08-9	Benzo(k)fluoranthene	2	0.298	D
65-85-0	Benzoic acid	2	0.0878	U R
100-51-6	Benzyl alcohol	2	0.0878	U
85-68-7	Benzyl butyl phthalate	2	0.0878	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.0878	U
111-44-4	Bis(2-chloroethyl)ether	2	0.0878	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0878	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0878	U
105-60-2	Caprolactam	2	0.175	U
86-74-8	Carbazole	2	0.0878	U
218-01-9	Chrysene	2	0.472	D
53-70-3	Dibenzo(a,h)anthracene	2	0.0498	JD
132-64-9	Dibenzofuran	2	0.0878	U
84-66-2	Diethyl phthalate	2	0.0878	U
131-11-3	Dimethyl phthalate	2	0.0878	U
84-74-2	Di-n-butyl phthalate	2	0.0878	U
117-84-0	Di-n-octyl phthalate	2	0.0878	U
206-44-0	Fluoranthene	2	0.851	D
86-73-7	Fluorene	2	0.112	D
118-74-1	Hexachlorobenzene	2	0.0878	U
87-68-3	Hexachlorobutadiene	2	0.0878	U
77-47-4	Hexachlorocyclopentadiene	2	0.0878	U
67-72-1	Hexachloroethane	2	0.0878	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.218	D
78-59-1	Isophorone	2	0.0878	U
91-20-3	Naphthalene	2	0.0878	U
98-95-3	Nitrobenzene	2	0.0878	U
62-75-9	N-Nitrosodimethylamine	2	0.0878	U
621-64-7	N-nitroso-di-n-propylamine	2	0.0878	U
86-30-6	N-Nitrosodiphenylamine	2	0.0878	U
87-86-5	Pentachlorophenol	2	0.0878	U
85-01-8	Phenanthrene	2	0.905	D
108-95-2	Phenol	2	0.0878	U
129-00-0	Pyrene	2	1.01	D

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.75	0.983	56.0	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID: E70345590.D

Sampled: 12/28/22 14:38 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 16:31

Solids: 70.74 Preparation: EPA 3550C Initial/Final: 30.7 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.283	D	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.230	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.115	U	
95-50-1	1,2-Dichlorobenzene	2	0.115	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.115	U	
541-73-1	1,3-Dichlorobenzene	2	0.115	U	
106-46-7	1,4-Dichlorobenzene	2	0.115	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.230	U	
95-95-4	2,4,5-Trichlorophenol	2	0.115	U	
88-06-2	2,4,6-Trichlorophenol	2	0.115	U	
120-83-2	2,4-Dichlorophenol	2	0.115	U	
105-67-9	2,4-Dimethylphenol	2	0.115	U	
51-28-5	2,4-Dinitrophenol	2	0.230	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.115	U	
606-20-2	2,6-Dinitrotoluene	2	0.115	U	
91-58-7	2-Chloronaphthalene	2	0.115	U	
95-57-8	2-Chlorophenol	2	0.115	U	
91-57-6	2-Methylnaphthalene	2	0.115	U	
95-48-7	2-Methylphenol	2	0.115	U	
88-74-4	2-Nitroaniline	2	0.230	U	
88-75-5	2-Nitrophenol	2	0.115	U	
65794-96-9	3- & 4-Methylphenols	2	0.115	U	
91-94-1	3,3-Dichlorobenzidine	2	0.115	U	
99-09-2	3-Nitroaniline	2	0.230	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.230	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.115	U	
59-50-7	4-Chloro-3-methylphenol	2	0.115	U	
106-47-8	4-Chloroaniline	2	0.115	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.115	U	
100-01-6	4-Nitroaniline	2	0.230	U	
100-02-7	4-Nitrophenol	2	0.230	U	
83-32-9	Acenaphthene	2	0.115	U	
208-96-8	Acenaphthylene	2	0.115	U	
98-86-2	Acetophenone	2	0.115	U	
62-53-3	Aniline	2	0.461	U	
120-12-7	Anthracene	2	0.115	U	
1912-24-9	Atrazine	2	0.115	U	
100-52-7	Benzaldehyde	2	0.115	U	
92-87-5	Benzidine	2	0.461	U	
56-55-3	Benzo(a)anthracene	2	0.115	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-21 | File ID: E70345590.D

Sampled: 12/28/22 14:38 | Prepared: 01/03/23 08:21 | Analyzed: 01/04/23 16:31

Solids: 70.74 | Preparation: EPA 3550C | Initial/Final: 30.7 g / 1 mL

Batch: BA30014 | Sequence: S3A0421 | Calibration: SA30001 | Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.115	U
205-99-2	Benzo(b)fluoranthene	2	0.115	U
191-24-2	Benzo(g,h,i)perylene	2	0.115	U
207-08-9	Benzo(k)fluoranthene	2	0.115	U
65-85-0	Benzoic acid	2	0.115	U R
100-51-6	Benzyl alcohol	2	0.115	U
85-68-7	Benzyl butyl phthalate	2	0.115	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.115	U
111-44-4	Bis(2-chloroethyl)ether	2	0.115	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.115	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.127	D
105-60-2	Caprolactam	2	0.230	U
86-74-8	Carbazole	2	0.115	U
218-01-9	Chrysene	2	0.115	U
53-70-3	Dibenzo(a,h)anthracene	2	0.115	U
132-64-9	Dibenzofuran	2	0.115	U
84-66-2	Diethyl phthalate	2	0.115	U
131-11-3	Dimethyl phthalate	2	0.115	U
84-74-2	Di-n-butyl phthalate	2	0.115	U
117-84-0	Di-n-octyl phthalate	2	0.0847	JD
206-44-0	Fluoranthene	2	0.115	U
86-73-7	Fluorene	2	0.115	U
118-74-1	Hexachlorobenzene	2	0.115	U
87-68-3	Hexachlorobutadiene	2	0.115	U
77-47-4	Hexachlorocyclopentadiene	2	0.115	U
67-72-1	Hexachloroethane	2	0.115	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.115	U
78-59-1	Isophorone	2	0.115	U
91-20-3	Naphthalene	2	0.115	U
98-95-3	Nitrobenzene	2	0.115	U
62-75-9	N-Nitrosodimethylamine	2	0.115	U
621-64-7	N-nitroso-di-n-propylamine	2	0.115	U
86-30-6	N-Nitrosodiphenylamine	2	0.115	U
87-86-5	Pentachlorophenol	2	0.115	U
85-01-8	Phenanthrene	2	0.115	U
108-95-2	Phenol	2	0.115	U
129-00-0	Pyrene	2	0.115	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.30	1.41	61.1	20 - 108	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID: E70345591.D

Sampled: 12/28/22 14:59 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 17:01

Solids: 81.55 Preparation: EPA 3550C Initial/Final: 30.2 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.102	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.203	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.102	U	
95-50-1	1,2-Dichlorobenzene	2	0.102	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.102	U	
541-73-1	1,3-Dichlorobenzene	2	0.102	U	
106-46-7	1,4-Dichlorobenzene	2	0.102	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.203	U	
95-95-4	2,4,5-Trichlorophenol	2	0.102	U	
88-06-2	2,4,6-Trichlorophenol	2	0.102	U	
120-83-2	2,4-Dichlorophenol	2	0.102	U	
105-67-9	2,4-Dimethylphenol	2	0.102	U	
51-28-5	2,4-Dinitrophenol	2	0.203	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.102	U	
606-20-2	2,6-Dinitrotoluene	2	0.102	U	
91-58-7	2-Chloronaphthalene	2	0.102	U	
95-57-8	2-Chlorophenol	2	0.102	U	
91-57-6	2-Methylnaphthalene	2	0.102	U	
95-48-7	2-Methylphenol	2	0.102	U	
88-74-4	2-Nitroaniline	2	0.203	U	
88-75-5	2-Nitrophenol	2	0.102	U	
65794-96-9	3- & 4-Methylphenols	2	0.102	U	
91-94-1	3,3-Dichlorobenzidine	2	0.102	U	
99-09-2	3-Nitroaniline	2	0.203	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.203	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.102	U	
59-50-7	4-Chloro-3-methylphenol	2	0.102	U	
106-47-8	4-Chloroaniline	2	0.102	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.102	U	
100-01-6	4-Nitroaniline	2	0.203	U	
100-02-7	4-Nitrophenol	2	0.203	U	
83-32-9	Acenaphthene	2	0.102	U	
208-96-8	Acenaphthylene	2	0.102	U	
98-86-2	Acetophenone	2	0.102	U	
62-53-3	Aniline	2	0.407	U	
120-12-7	Anthracene	2	0.102	U	
1912-24-9	Atrazine	2	0.102	U	
100-52-7	Benzaldehyde	2	0.102	U	
92-87-5	Benzidine	2	0.407	U	
56-55-3	Benzo(a)anthracene	2	0.102	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-22 | File ID: E70345591.D

Sampled: 12/28/22 14:59 | Prepared: 01/03/23 08:21 | Analyzed: 01/04/23 17:01

Solids: 81.55 | Preparation: EPA 3550C | Initial/Final: 30.2 g / 1 mL

Batch: BA30014 | Sequence: S3A0421 | Calibration: SA30001 | Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.102	U	
205-99-2	Benzo(b)fluoranthene	2	0.102	U	
191-24-2	Benzo(g,h,i)perylene	2	0.102	U	
207-08-9	Benzo(k)fluoranthene	2	0.102	U	
65-85-0	Benzoic acid	2	~~0.102~~	U	R
100-51-6	Benzyl alcohol	2	0.102	U	
85-68-7	Benzyl butyl phthalate	2	0.102	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.102	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.102	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.102	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.102	U	
105-60-2	Caprolactam	2	0.203	U	
86-74-8	Carbazole	2	0.102	U	
218-01-9	Chrysene	2	0.102	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.102	U	
132-64-9	Dibenzofuran	2	0.102	U	
84-66-2	Diethyl phthalate	2	0.102	U	
131-11-3	Dimethyl phthalate	2	0.102	U	
84-74-2	Di-n-butyl phthalate	2	0.102	U	
117-84-0	Di-n-octyl phthalate	2	0.102	U	
206-44-0	Fluoranthene	2	0.102	U	
86-73-7	Fluorene	2	0.102	U	
118-74-1	Hexachlorobenzene	2	0.102	U	
87-68-3	Hexachlorobutadiene	2	0.102	U	
77-47-4	Hexachlorocyclopentadiene	2	0.102	U	
67-72-1	Hexachloroethane	2	0.102	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.102	U	
78-59-1	Isophorone	2	0.102	U	
91-20-3	Naphthalene	2	0.102	U	
98-95-3	Nitrobenzene	2	0.102	U	
62-75-9	N-Nitrosodimethylamine	2	0.102	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.102	U	
86-30-6	N-Nitrosodiphenylamine	2	0.102	U	
87-86-5	Pentachlorophenol	2	0.102	U	
85-01-8	Phenanthrene	2	0.102	U	
108-95-2	Phenol	2	0.102	U	
129-00-0	Pyrene	2	0.102	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.03	1.35	66.4	20 - 108	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID: E70345592.D

Sampled: 12/28/22 15:01 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 17:31

Solids: 78.76 Preparation: EPA 3550C Initial/Final: 30.3 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.105	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.209	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.105	U	
95-50-1	1,2-Dichlorobenzene	2	0.105	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.105	U	
541-73-1	1,3-Dichlorobenzene	2	0.105	U	
106-46-7	1,4-Dichlorobenzene	2	0.105	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.209	U	
95-95-4	2,4,5-Trichlorophenol	2	0.105	U	
88-06-2	2,4,6-Trichlorophenol	2	0.105	U	
120-83-2	2,4-Dichlorophenol	2	0.105	U	
105-67-9	2,4-Dimethylphenol	2	0.105	U	
51-28-5	2,4-Dinitrophenol	2	0.209	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.105	U	
606-20-2	2,6-Dinitrotoluene	2	0.105	U	
91-58-7	2-Chloronaphthalene	2	0.105	U	
95-57-8	2-Chlorophenol	2	0.105	U	
91-57-6	2-Methylnaphthalene	2	0.105	U	
95-48-7	2-Methylphenol	2	0.105	U	
88-74-4	2-Nitroaniline	2	0.209	U	
88-75-5	2-Nitrophenol	2	0.105	U	
65794-96-9	3- & 4-Methylphenols	2	0.105	U	
91-94-1	3,3-Dichlorobenzidine	2	0.105	U	
99-09-2	3-Nitroaniline	2	0.209	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.209	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.105	U	
59-50-7	4-Chloro-3-methylphenol	2	0.105	U	
106-47-8	4-Chloroaniline	2	0.105	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.105	U	
100-01-6	4-Nitroaniline	2	0.209	U	
100-02-7	4-Nitrophenol	2	0.209	U	
83-32-9	Acenaphthene	2	0.105	U	
208-96-8	Acenaphthylene	2	0.105	U	
98-86-2	Acetophenone	2	0.105	U	
62-53-3	Aniline	2	0.420	U	
120-12-7	Anthracene	2	0.105	U	
1912-24-9	Atrazine	2	0.105	U	
100-52-7	Benzaldehyde	2	0.105	U	
92-87-5	Benzidine	2	0.420	U	
56-55-3	Benzo(a)anthracene	2	0.105	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID: E70345592.D

Sampled: 12/28/22 15:01 Prepared: 01/03/23 08:21 Analyzed: 01/04/23 17:31

Solids: 78.76 Preparation: EPA 3550C Initial/Final: 30.3 g / 1 mL

Batch: BA30014 Sequence: S3A0421 Calibration: SA30001 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.105	U	
205-99-2	Benzo(b)fluoranthene	2	0.105	U	
191-24-2	Benzo(g,h,i)perylene	2	0.105	U	
207-08-9	Benzo(k)fluoranthene	2	0.105	U	
65-85-0	Benzoic acid	2	~~0.105~~	U	R
100-51-6	Benzyl alcohol	2	0.105	U	
85-68-7	Benzyl butyl phthalate	2	0.105	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.105	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.105	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.105	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.105	U	
105-60-2	Caprolactam	2	0.209	U	
86-74-8	Carbazole	2	0.105	U	
218-01-9	Chrysene	2	0.105	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.105	U	
132-64-9	Dibenzofuran	2	0.105	U	
84-66-2	Diethyl phthalate	2	0.105	U	
131-11-3	Dimethyl phthalate	2	0.105	U	
84-74-2	Di-n-butyl phthalate	2	0.105	U	
117-84-0	Di-n-octyl phthalate	2	0.105	U	
206-44-0	Fluoranthene	2	0.105	U	
86-73-7	Fluorene	2	0.105	U	
118-74-1	Hexachlorobenzene	2	0.105	U	
87-68-3	Hexachlorobutadiene	2	0.105	U	
77-47-4	Hexachlorocyclopentadiene	2	0.105	U	
67-72-1	Hexachloroethane	2	0.105	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.105	U	
78-59-1	Isophorone	2	0.105	U	
91-20-3	Naphthalene	2	0.105	U	
98-95-3	Nitrobenzene	2	0.105	U	
62-75-9	N-Nitrosodimethylamine	2	0.105	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.105	U	
86-30-6	N-Nitrosodiphenylamine	2	0.105	U	
87-86-5	Pentachlorophenol	2	0.105	U	
85-01-8	Phenanthrene	2	0.105	U	
108-95-2	Phenol	2	0.105	U	
129-00-0	Pyrene	2	0.105	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.10	1.18	56.3	20 - 108	

MKP 3/28/2023

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: SVOA

METHOD: EPA 8270D SIM

No data validation qualifiers were added

MKP 3/26/2023

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/4/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-1A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-01	File ID:	E800068567.D
Sampled:	12/28/22 08:30	Prepared:	01/04/23 08:38	Analyzed:	01/05/23 16:15
Solids:	95.08	Preparation:	EPA 3550C	Initial/Final:	10.3 g / 10 mL
Batch:	BA30090	Sequence:	S3A0604	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.4	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	485	282	58.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-1B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-02	File ID:	E800068568.D
Sampled:	12/28/22 09:00	Prepared:	01/04/23 08:38	Analyzed:	01/05/23 16:32
Solids:	79.27	Preparation:	EPA 3550C	Initial/Final:	10.1 g / 10 mL
Batch:	BA30090	Sequence:	S3A0604	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.8	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	495	317	64.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-1C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-03	File ID:	E800068569.D
Sampled:	12/28/22 09:15	Prepared:	01/04/23 08:38	Analyzed:	01/05/23 16:49
Solids:	67.98	Preparation:	EPA 3550C	Initial/Final:	10.4 g / 10 mL
Batch:	BA30090	Sequence:	S3A0604	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.2	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	481	308	64.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-2A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-04	File ID:	E800068570.D
Sampled:	12/28/22 10:30	Prepared:	01/04/23 08:38	Analyzed:	01/05/23 17:06
Solids:	93.65	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30090	Sequence:	S3A0604	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	324	66.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-2B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-05	File ID:	E800068571.D
Sampled:	12/28/22 10:47	Prepared:	01/04/23 08:38	Analyzed:	01/05/23 17:23
Solids:	77.51	Preparation:	EPA 3550C	Initial/Final:	10.7 g / 10 mL
Batch:	BA30090	Sequence:	S3A0604	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	18.7	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	467	271	58.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-2C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-06	File ID:	E800068572.D
Sampled:	12/28/22 11:15	Prepared:	01/04/23 08:38	Analyzed:	01/05/23 17:40
Solids:	78.37	Preparation:	EPA 3550C	Initial/Final:	10.1 g / 10 mL
Batch:	BA30090	Sequence:	S3A0604	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.8	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	495	287	58.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-3A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-07	File ID:	E800068574.D
Sampled:	12/28/22 12:05	Prepared:	01/04/23 08:38	Analyzed:	01/05/23 18:15
Solids:	89.09	Preparation:	EPA 3550C	Initial/Final:	10.3 g / 10 mL
Batch:	BA30090	Sequence:	S3A0604	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.4	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	485	282	58.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-3B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-08	File ID:	E800068525.D
Sampled:	12/28/22 12:35	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 12:51
Solids:	77.69	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	275	56.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-3C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-09	File ID:	E800068526.D
Sampled:	12/28/22 12:59	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 13:08
Solids:	76.15	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	275	56.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-4A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-10	File ID:	E800068527.D
Sampled:	12/28/22 13:20	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 13:25
Solids:	87.86	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	235	48.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-4B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-11	File ID:	E800068528.D
Sampled:	12/28/22 13:29	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 13:42
Solids:	73.33	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	255	52.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-4C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-12	File ID:	E800068529.D
Sampled:	12/28/22 13:38	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 13:59
Solids:	75.97	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	275	56.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-5A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-13	File ID:	E800068530.D
Sampled:	12/28/22 15:15	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 14:16
Solids:	81.51	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	245	50.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-5B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-14	File ID:	E800068532.D
Sampled:	12/28/22 15:29	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 14:50
Solids:	87.80	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	284	58.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-5C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-15	File ID:	E800068533.D
Sampled:	12/28/22 15:43	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 15:07
Solids:	80.03	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	265	54.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-5D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-16	File ID:	E800068534.D
Sampled:	12/28/22 15:59	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 15:24
Solids:	75.26	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	275	56.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-6A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-17	File ID:	E800068535.D
Sampled:	12/28/22 16:25	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 15:41
Solids:	89.04	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	255	52.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-6B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-18	File ID:	E800068536.D
Sampled:	12/28/22 16:42	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 15:59
Solids:	77.50	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	255	52.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-6C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-19	File ID:	E800068537.D
Sampled:	12/28/22 16:59	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 16:16
Solids:	69.32	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	255	52.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-7A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-20	File ID:	E800068538.D
Sampled:	12/28/22 14:14	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 16:33
Solids:	93.73	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	245	50.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-7B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-21	File ID:	E800068539.D
Sampled:	12/28/22 14:38	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 16:50
Solids:	70.74	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	255	52.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-7C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-22	File ID:	E800068540.D
Sampled:	12/28/22 14:59	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 17:07
Solids:	81.55	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	255	52.0	39 - 127.5	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB-7C Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-23	File ID:	E800068541.D
Sampled:	12/28/22 15:01	Prepared:	01/03/23 08:19	Analyzed:	01/04/23 17:24
Solids:	78.76	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BA30013	Sequence:	S3A0508	Calibration:	SK20028
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	255	52.0	39 - 127.5	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
CLASS: PFAS
METHOD: EPA 1633 Draft 2

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Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

Client: DT Consulting Services

Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23
Field Blank	22L1392-25

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 3/6/2023

Title: Laboratory Manager

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ORGANIC ANALYSIS DATA SHEET

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SB-1A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-01	File ID:	QQQ22991.d
Sampled:	12/28/22 08:30	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:25
Solids:	95.08	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.210	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.210	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.210	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.210	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.210	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.210	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.210	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.210	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.210	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.210	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.210	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.210	U	
2355-31-9	N-MeFOSAA	1	0.210	U	
2991-50-6	N-EtFOSAA	1	0.210	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.420	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.210	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.210	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.210	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.840	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.840	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.840	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.420	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.420	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.420	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.420	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.210	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.840	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.840	U	
763051-92-9	11CL-PF3OUdS	1	0.840	U	
756426-58-1	9CL-PF3ONS	1	0.840	U	
919005-14-4	ADONA	1	0.840	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.210	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.210	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.05	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.25	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.25	U	UJ
24448-09-7	N-MeFOSE	1	2.10	U	UJ
31506-32-8	N-MeFOSA	1	0.420		J
1691-99-2	N-EtFOSE	1	2.10	U	UJ
4151-50-2	N-EtFOSA	1	0.210	U	UJ

MKP 3/28/2023

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ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-01	File ID:	QQQ22991.d
Sampled:	12/28/22 08:30	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:25
Solids:	95.08	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001	Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.45	2.50	102	25 - 150	
M5PFHxA	2.62	2.65	101	25 - 150	
M4PFHpA	2.62	2.68	102	25 - 150	
M3PFHxS	2.49	2.88	116	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.62	2.24	85.2	25 - 150	
M6PFDA	1.31	1.26	95.9	25 - 150	
M7PFUdA	1.31	1.21	92.5	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.31	0.980	74.7	25 - 150	
M2PFTeDA	1.31	0.874	66.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5	10.5	100	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.51	2.74	109	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.25	5.37	102	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.62	0.169	6.46	10 - 150	*
d3-N-MeFOSAA	5.25	4.57	87.0	25 - 150	
d5-N-EtFOSAA	5.25	4.37	83.3	25 - 150	
M2-6:2 FTS	4.99	3.82	76.5	25 - 200	
M2-8:2 FTS	5.04	4.05	80.3	25 - 200	
M9PFNA	1.31	1.44	109	25 - 150	
M2-4:2 FTS	4.92	3.99	81.1	25 - 150	
d-N-MeFOSA	2.62	0.149	5.68	25 - 150	*
d-N-EtFOSA	2.62	1.30	49.5	25 - 150	
M3HFPO-DA	10.5	8.95	85.3	25 - 150	
d9-N-EtFOSE	26.2	1.43	5.45	25 - 150	*
d7-N-MeFOSE	26.2	1.55	5.92	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55838.41	1.05105	71105.92	1.078583	
MPFDA	20839	8.4568	24737.11	8.466066	
MPFHxA	73664.83	5.7967	87455.7	5.78745	
MPFHxS	4900.313	6.719717	5244.656	6.728967	
MPFNA	23510.53	7.919167	30675.64	7.928433	
MPFOA	62695.15	7.305967	80066.6	7.315233	
MPFOS	10991.14	7.964433	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6072.824	7.918766	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	43360.45	7.305533	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	135293.1	4.0812	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	175104.6	1.04875	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	33753.19	9.298367	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4971.306	7.963883	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1021.556	9.081883	24549.55	9.09115	*
M7PFUdA-EIS	41588.17	8.9099	54862.56	8.919184	
M6PFDA-EIS	23147.06	8.456367	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-01	File ID:	QQQ22991.d
Sampled:	12/28/22 08:30	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:25
Solids:	95.08	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	86140.13	5.795683	118008.5	5.786433	
M4PFHpA-EIS	20907.8	6.610217	26687.34	6.619467	
M3PFHxS-EIS	13177.66	6.720267	15834.9	6.729517	
M3PFBS-EIS	18862.22	4.9378	24950.08	4.918684	
M3-HFPO-DA-EIS	49873	6.06765	71604.3	6.06765	
M2PFTeDA-EIS	19155.08	9.96215	30673.37	9.943717	
M2-8-2FTS-EIS	32660.72	8.437	48105.05	8.437	
M2-6-2FTS-EIS	22472.41	7.25765	31351.92	7.2669	
M2-4-2FTS-EIS	35897.89	5.7299	54348.49	5.7299	
d9-NEtFOSE-EIS	500.364	10.18662	12926.82	10.159	*
d7-NMeFOSE-EIS	691.9035	9.938283	15873.8	9.919283	*
d5-NEtFOSA-EIS	392.0005	10.1984	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	27405.28	8.871834	41701.79	8.8904	
d3-NMeFOSA-EIS	141.8149	9.94245	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	32523.32	8.658067	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-02	File ID:	QQQ22992.d
Sampled:	12/28/22 09:00	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:41
Solids:	79.27	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.248	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.248	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.248	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.248	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.248	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.248	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.248	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.248	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.248	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.248	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.248	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.248	U	
2355-31-9	N-MeFOSAA	1	0.248	U	
2991-50-6	N-EtFOSAA	1	0.248	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.497	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.248	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.248	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.248	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.993	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.993	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.993	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.497	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.497	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.497	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.497	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.248	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.993	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.993	U	
763051-92-9	11CL-PF3OUdS	1	0.993	U	
756426-58-1	9CL-PF3ONS	1	0.993	U	
919005-14-4	ADONA	1	0.993	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.248	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.248	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.24	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.21	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.21	U	UJ
24448-09-7	N-MeFOSE	1	2.48	U	UJ
31506-32-8	N-MeFOSA	1	0.248	U	UJ
1691-99-2	N-EtFOSE	1	2.48	U	UJ
4151-50-2	N-EtFOSA	1	0.248	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-02	File ID:	QQQ22992.d
Sampled:	12/28/22 09:00	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:41
Solids:	79.27	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.89	2.89	99.9	25 - 150	
M5PFHxA	3.10	3.27	105	25 - 150	
M4PFHpA	3.10	3.12	100	25 - 150	
M3PFHxS	2.94	3.20	109	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.10	3.17	102	25 - 150	
M6PFDA	1.55	1.64	106	25 - 150	
M7PFUdA	1.55	1.44	92.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.55	1.29	82.9	25 - 150	
M2PFTeDA	1.55	1.03	66.1	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.4	13.3	107	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.97	2.83	95.0	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.21	6.91	111	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.10	0.461	14.9	10 - 150	
d3-N-MeFOSAA	6.21	5.00	80.5	25 - 150	
d5-N-EtFOSAA	6.21	5.38	86.7	25 - 150	
M2-6:2 FTS	5.90	4.50	76.3	25 - 200	
M2-8:2 FTS	5.96	4.38	73.4	25 - 200	
M9PFNA	1.55	1.93	125	25 - 150	
M2-4:2 FTS	5.82	4.76	81.8	25 - 150	
d-N-MeFOSA	3.10	0.323	10.4	25 - 150	*
d-N-EtFOSA	3.10	1.19	38.3	25 - 150	
M3HFPO-DA	12.4	12.4	99.9	25 - 150	
d9-N-EtFOSE	31.0	4.45	14.3	25 - 150	*
d7-N-MeFOSE	31.0	4.42	14.2	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55279.67	1.05105	71105.92	1.078583	
MPFDA	19266.24	8.466066	24737.11	8.466066	
MPFHxA	70418.66	5.8152	87455.7	5.78745	
MPFHxS	4801.969	6.73895	5244.656	6.728967	
MPFNA	20592.11	7.928433	30675.64	7.928433	
MPFOA	56544.05	7.315233	80066.6	7.315233	
MPFOS	10818.19	7.964433	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6054.325	7.92805	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	46877.71	7.3148	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	140662.2	4.0812	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	185867.2	1.04875	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	34757.57	9.298367	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4266.885	7.973166	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2311.853	9.09115	24549.55	9.09115	*
M7PFUdA-EIS	38511.77	8.919184	54862.56	8.919184	
M6PFDA-EIS	23606.03	8.465633	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-02	File ID:	QQQ22992.d
Sampled:	12/28/22 09:00	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:41
Solids:	79.27	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	85636.2	5.814183	118008.5	5.786433	
M4PFHpA-EIS	19675.02	6.628716	26687.34	6.619467	
M3PFHxS-EIS	12094.87	6.7396	15834.9	6.729517	
M3PFBS-EIS	18066.96	4.9378	24950.08	4.918684	
M3-HFPO-DA-EIS	55843.98	6.086117	71604.3	6.06765	
M2PFTeDA-EIS	17586.67	9.9437	30673.37	9.943717	
M2-8-2FTS-EIS	29256.75	8.446267	48105.05	8.437	
M2-6-2FTS-EIS	21963.05	7.276166	31351.92	7.2669	
M2-4-2FTS-EIS	35470.93	5.7484	54348.49	5.7299	
d9-NEtFOSE-EIS	1293.997	10.159	12926.82	10.159	*
d7-NMeFOSE-EIS	1638.751	9.919283	15873.8	9.919283	*
d5-NEtFOSA-EIS	159.4263	10.17077	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	28074.12	8.8904	41701.79	8.8904	
d3-NMeFOSA-EIS	255.4241	9.92295	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	29608.99	8.667334	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-03	File ID:	QQQ22993.d
Sampled:	12/28/22 09:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:57
Solids:	67.98	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.294	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.294	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.294	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.294	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.294	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.294	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.294	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.294	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.294	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.294	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.294	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.294	U	
2355-31-9	N-MeFOSAA	1	0.294	U	
2991-50-6	N-EtFOSAA	1	0.294	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.587	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.294	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.294	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.294	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.17	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.17	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.17	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.587	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.587	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.587	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.587	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.294	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.17	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.17	U	
763051-92-9	11CL-PF3OUdS	1	1.17	U	
756426-58-1	9CL-PF3ONS	1	1.17	U	
919005-14-4	ADONA	1	1.17	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.294	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.294	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.47	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	7.34	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	7.34	U	UJ
24448-09-7	N-MeFOSE	1	2.94	U	UJ
31506-32-8	N-MeFOSA	1	0.294	U	UJ
1691-99-2	N-EtFOSE	1	2.94	U	UJ
4151-50-2	N-EtFOSA	1	0.356		J

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-03	File ID:	QQQ22993.d
Sampled:	12/28/22 09:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:57
Solids:	67.98	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.42	3.23	94.4	25 - 150	
M5PFHxA	3.67	3.79	103	25 - 150	
M4PFHpA	3.67	3.73	102	25 - 150	
M3PFHxS	3.48	3.70	106	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.67	3.32	90.4	25 - 150	
M6PFDA	1.84	1.82	99.0	25 - 150	
M7PFUdA	1.84	1.57	85.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.84	1.33	72.2	25 - 150	
M2PFTeDA	1.84	1.06	57.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.7	15.6	107	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.52	3.66	104	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.34	8.16	111	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.67	0.401	10.9	10 - 150	
d3-N-MeFOSAA	7.34	5.26	71.7	25 - 150	
d5-N-EtFOSAA	7.34	5.53	75.3	25 - 150	
M2-6:2 FTS	6.98	4.86	69.6	25 - 200	
M2-8:2 FTS	7.05	5.75	81.6	25 - 200	
M9PFNA	1.84	1.85	101	25 - 150	
M2-4:2 FTS	6.89	5.23	76.0	25 - 150	
d-N-MeFOSA	3.67	0.401	10.9	25 - 150	*
d-N-EtFOSA	3.67	1.61	44.0	25 - 150	
M3HFPO-DA	14.7	14.6	99.7	25 - 150	
d9-N-EtFOSE	36.7	5.17	14.1	25 - 150	*
d7-N-MeFOSE	36.7	4.50	12.3	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55049.46	1.0694	71105.92	1.078583	
MPFDA	19377.22	8.475333	24737.11	8.466066	
MPFHxA	69137.96	5.8152	87455.7	5.78745	
MPFHxS	4733.036	6.757417	5244.656	6.728967	
MPFNA	22659.1	7.947317	30675.64	7.928433	
MPFOA	57556.04	7.3342	80066.6	7.315233	
MPFOS	10785.63	7.983	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5396.44	7.946967	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	42242.47	7.333817	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	137811.9	4.099583	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	183907.8	1.067117	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	30428.71	9.298384	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4662.453	7.982467	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1695.589	9.100583	24549.55	9.09115	*
M7PFUdA-EIS	35760.8	8.9192	54862.56	8.919184	
M6PFDA-EIS	22222.11	8.474916	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-1C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-03	File ID:	QQQ22993.d
Sampled:	12/28/22 09:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 19:57
Solids:	67.98	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	82522.43	5.814183	118008.5	5.786433	
M4PFHpA-EIS	19536.89	6.64725	26687.34	6.619467	
M3PFHxS-EIS	11672.37	6.758067	15834.9	6.729517	
M3PFBS-EIS	16836.71	4.947017	24950.08	4.918684	
M3-HFPO-DA-EIS	54788.65	6.09535	71604.3	6.06765	
M2PFTeDA-EIS	15436.43	9.96215	30673.37	9.943717	
M2-8-2FTS-EIS	32032.3	8.455533	48105.05	8.437	
M2-6-2FTS-EIS	19747.35	7.295434	31351.92	7.2669	
M2-4-2FTS-EIS	32510.13	5.7484	54348.49	5.7299	
d9-NEtFOSE-EIS	1267.593	10.19585	12926.82	10.159	*
d7-NMeFOSE-EIS	1405.25	9.9383	15873.8	9.919283	*
d5-NEtFOSA-EIS	115.8986	10.12512	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	24337.18	8.890417	41701.79	8.8904	
d3-NMeFOSA-EIS	273.2178	9.942467	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	26276.47	8.66735	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-04	File ID:	QQQ22994.d
Sampled:	12/28/22 10:30	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:13
Solids:	93.65	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.212	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.212	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.212	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.212	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.212	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.212	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.212	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.212	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.212	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.212	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.212	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.212	U	
2355-31-9	N-MeFOSAA	1	0.212	U	
2991-50-6	N-EtFOSAA	1	0.212	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.424	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.212	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.212	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.212	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.847	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.847	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.847	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.424	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.424	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.424	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.424	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.212	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.847	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.847	U	
763051-92-9	11CL-PF3OUdS	1	0.847	U	
756426-58-1	9CL-PF3ONS	1	0.847	U	
919005-14-4	ADONA	1	0.847	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.212	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.212	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.06	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.30	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.30	U	UJ
24448-09-7	N-MeFOSE	1	2.12	U	UJ
31506-32-8	N-MeFOSA	1	0.212	U	UJ
1691-99-2	N-EtFOSE	1	2.12	U	UJ
4151-50-2	N-EtFOSA	1	0.212	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-04	File ID:	QQQ22994.d
Sampled:	12/28/22 10:30	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:13
Solids:	93.65	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.47	2.50	101	25 - 150	
M5PFHxA	2.65	3.03	114	25 - 150	
M4PFHpA	2.65	2.76	104	25 - 150	
M3PFHxS	2.51	2.85	113	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.65	2.83	107	25 - 150	
M6PFDA	1.32	1.55	117	25 - 150	
M7PFUdA	1.32	1.25	94.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.32	1.03	77.5	25 - 150	
M2PFTeDA	1.32	0.948	71.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6	12.1	115	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.54	2.71	107	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.30	6.12	116	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.65	0.348	13.2	10 - 150	
d3-N-MeFOSAA	5.30	4.74	89.4	25 - 150	
d5-N-EtFOSAA	5.30	4.64	87.6	25 - 150	
M2-6:2 FTS	5.04	3.76	74.7	25 - 200	
M2-8:2 FTS	5.08	3.58	70.5	25 - 200	
M9PFNA	1.32	1.79	135	25 - 150	
M2-4:2 FTS	4.97	4.55	91.5	25 - 150	
d-N-MeFOSA	2.65	0.349	13.2	25 - 150	*
d-N-EtFOSA	2.65	1.31	49.6	25 - 150	
M3HFPO-DA	10.6	10.4	98.2	25 - 150	
d9-N-EtFOSE	26.5	4.09	15.5	25 - 150	*
d7-N-MeFOSE	26.5	3.73	14.1	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	54879.23	1.041867	71105.92	1.078583	
MPFDA	17891.52	8.466066	24737.11	8.466066	
MPFHxA	71027.32	5.805967	87455.7	5.78745	
MPFHxS	4813.56	6.728983	5244.656	6.728967	
MPFNA	19847.7	7.92845	30675.64	7.928433	
MPFOA	56379.24	7.31525	80066.6	7.315233	
MPFOS	10639.5	7.973717	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6339.673	7.937333	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	48966.06	7.314816	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	147384.1	4.053633	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	197039.4	1.039567	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	30108.66	9.298384	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4715.759	7.973166	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2012.426	9.091166	24549.55	9.09115	*
M7PFUdA-EIS	36458.12	8.919184	54862.56	8.919184	
M6PFDA-EIS	24228.33	8.465633	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-04	File ID:	QQQ22994.d
Sampled:	12/28/22 10:30	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:13
Solids:	93.65	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	93871.16	5.804934	118008.5	5.786433	
M4PFHpA-EIS	20634.42	6.628733	26687.34	6.619467	
M3PFHxS-EIS	12660.16	6.729517	15834.9	6.729517	
M3PFBS-EIS	18379.75	4.9378	24950.08	4.918684	
M3-HFPO-DA-EIS	55425.63	6.076883	71604.3	6.06765	
M2PFTeDA-EIS	17687.64	9.943733	30673.37	9.943717	
M2-8-2FTS-EIS	28142.22	8.446267	48105.05	8.437	
M2-6-2FTS-EIS	21569.59	7.276166	31351.92	7.2669	
M2-4-2FTS-EIS	39789.24	5.739167	54348.49	5.7299	
d9-NEtFOSE-EIS	1372.886	10.15902	12926.82	10.159	*
d7-NMeFOSE-EIS	1598.259	9.9193	15873.8	9.919283	*
d5-NEtFOSA-EIS	410.1393	10.18	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	27894.96	8.8904	41701.79	8.8904	
d3-NMeFOSA-EIS	334.0438	9.91375	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	32347.55	8.66735	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-05	File ID:	QQQ22995.d
Sampled:	12/28/22 10:47	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:29
Solids:	77.51	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.258	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.258	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.258	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.258	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.258	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.258	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.258	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.258	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.258	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.258	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.258	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.258	U	
2355-31-9	N-MeFOSAA	1	0.258	U	
2991-50-6	N-EtFOSAA	1	0.258	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.516	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.258	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.258	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.258	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.03	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.03	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.03	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.516	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.516	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.516	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.516	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.258	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.03	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.03	U	
763051-92-9	11CL-PF3OUdS	1	1.03	U	
756426-58-1	9CL-PF3ONS	1	1.03	U	
919005-14-4	ADONA	1	1.03	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.258	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.258	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.29	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.45	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.45	U	UJ
24448-09-7	N-MeFOSE	1	2.58	U	UJ
31506-32-8	N-MeFOSA	1	0.258	U	UJ
1691-99-2	N-EtFOSE	1	2.58	U	UJ
4151-50-2	N-EtFOSA	1	0.258	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-05	File ID:	QQQ22995.d
Sampled:	12/28/22 10:47	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:29
Solids:	77.51	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
				Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.01	2.63	87.4	25 - 150	
M5PFHxA	3.23	3.18	98.5	25 - 150	
M4PFHpA	3.23	3.06	94.8	25 - 150	
M3PFHxS	3.06	3.02	98.8	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.23	2.77	86.0	25 - 150	
M6PFDA	1.61	1.43	88.6	25 - 150	
M7PFUdA	1.61	1.24	76.8	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.61	1.08	66.8	25 - 150	
M2PFTeDA	1.61	0.879	54.5	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.9	13.0	101	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.09	3.09	100	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.45	6.71	104	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.23	0.269	8.33	10 - 150	*
d3-N-MeFOSAA	6.45	4.87	75.5	25 - 150	
d5-N-EtFOSAA	6.45	4.90	75.9	25 - 150	
M2-6:2 FTS	6.13	3.88	63.3	25 - 200	
M2-8:2 FTS	6.19	4.14	66.8	25 - 200	
M9PFNA	1.61	1.80	111	25 - 150	
M2-4:2 FTS	6.05	4.19	69.2	25 - 150	
d-N-MeFOSA	3.23	0.229	7.11	25 - 150	*
d-N-EtFOSA	3.23	1.27	39.4	25 - 150	
M3HFPO-DA	12.9	12.4	96.3	25 - 150	
d9-N-EtFOSE	32.3	3.54	11.0	25 - 150	*
d7-N-MeFOSE	32.3	3.58	11.1	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55748.21	1.060233	71105.92	1.078583	
MPFDA	21048.1	8.466066	24737.11	8.466066	
MPFHxA	69954.22	5.805967	87455.7	5.78745	
MPFHxS	4846.988	6.73895	5244.656	6.728967	
MPFNA	21091.49	7.937733	30675.64	7.928433	
MPFOA	59576.27	7.324934	80066.6	7.315233	
MPFOS	11037.54	7.973717	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5542.988	7.937333	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	41577.63	7.324533	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	130625	4.0904	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	176746.7	1.067117	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	30569.39	9.307983	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4579.279	7.98245	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1323.811	9.091166	24549.55	9.09115	*
M7PFUdA-EIS	34914.21	8.9099	54862.56	8.919184	
M6PFDA-EIS	21600.56	8.46565	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-05	File ID:	QQQ22995.d
Sampled:	12/28/22 10:47	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:29
Solids:	77.51	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	79648.66	5.7957	118008.5	5.786433	
M4PFHpA-EIS	18461.86	6.628733	26687.34	6.619467	
M3PFHxS-EIS	11102.94	6.739617	15834.9	6.729517	
M3PFBS-EIS	15956.06	4.937817	24950.08	4.918684	
M3-HFPO-DA-EIS	53509.5	6.06765	71604.3	6.06765	
M2PFTeDA-EIS	15843.89	9.971367	30673.37	9.943717	
M2-8-2FTS-EIS	26880.64	8.446267	48105.05	8.437	
M2-6-2FTS-EIS	18398.1	7.276166	31351.92	7.2669	
M2-4-2FTS-EIS	30300.02	5.739167	54348.49	5.7299	
d9-NEtFOSE-EIS	1010.911	10.20505	12926.82	10.159	*
d7-NMeFOSE-EIS	1301.476	9.956717	15873.8	9.919283	*
d5-NEtFOSA-EIS	334.0512	10.21682	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	25091.34	8.881133	41701.79	8.8904	
d3-NMeFOSA-EIS	183.7817	9.951667	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	28341.62	8.66735	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-06	File ID:	QQQ22996.d
Sampled:	12/28/22 11:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:45
Solids:	78.37	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.253	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.253	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.253	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.253	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.253	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.253	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.253	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.253	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.253	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.253	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.253	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.253	U	
2355-31-9	N-MeFOSAA	1	0.253	U	
2991-50-6	N-EtFOSAA	1	0.253	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.506	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.253	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.253	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.253	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.01	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.01	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.01	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.506	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.506	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.506	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.506	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.253	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.01	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.01	U	
763051-92-9	11CL-PF3OUdS	1	1.01	U	
756426-58-1	9CL-PF3ONS	1	1.01	U	
919005-14-4	ADONA	1	1.01	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.253	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.253	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.27	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.33	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.33	U	UJ
24448-09-7	N-MeFOSE	1	2.53	U	UJ
31506-32-8	N-MeFOSA	1	0.253	U	UJ
1691-99-2	N-EtFOSE	1	2.53	U	UJ
4151-50-2	N-EtFOSA	1	0.253	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-06	File ID:	QQQ22996.d
Sampled:	12/28/22 11:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:45
Solids:	78.37	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
				Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.95	2.46	83.4	25 - 150	
M5PFHxA	3.16	2.97	93.8	25 - 150	
M4PFHpA	3.16	2.78	87.9	25 - 150	
M3PFHxS	3.00	2.86	95.5	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.16	2.39	75.5	25 - 150	
M6PFDA	1.58	1.37	86.6	25 - 150	
M7PFUdA	1.58	1.26	79.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.58	1.10	69.4	25 - 150	
M2PFTeDA	1.58	0.880	55.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	13.0	103	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.03	2.70	89.0	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.33	6.37	101	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.16	0.578	18.3	10 - 150	
d3-N-MeFOSAA	6.33	4.31	68.1	25 - 150	
d5-N-EtFOSAA	6.33	4.38	69.2	25 - 150	
M2-6:2 FTS	6.02	3.71	61.6	25 - 200	
M2-8:2 FTS	6.08	4.25	69.9	25 - 200	
M9PFNA	1.58	1.71	108	25 - 150	
M2-4:2 FTS	5.94	3.96	66.7	25 - 150	
d-N-MeFOSA	3.16	0.490	15.5	25 - 150	*
d-N-EtFOSA	3.16	1.66	52.4	25 - 150	
M3HFPO-DA	12.7	11.1	87.7	25 - 150	
d9-N-EtFOSE	31.6	5.76	18.2	25 - 150	*
d7-N-MeFOSE	31.6	5.60	17.7	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	54851.32	1.05105	71105.92	1.078583	
MPFDA	19859.35	8.475317	24737.11	8.466066	
MPFHxA	71144.74	5.7967	87455.7	5.78745	
MPFHxS	4729.489	6.7574	5244.656	6.728967	
MPFNA	21370.22	7.9473	30675.64	7.928433	
MPFOA	59011.56	7.343467	80066.6	7.315233	
MPFOS	10854.36	7.992483	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5437.022	7.94695	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	36188.27	7.343067	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	128569.3	4.072017	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	176743.2	1.04875	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	29946.05	9.298384	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4010.965	7.99195	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2854.189	9.091166	24549.55	9.09115	*
M7PFUdA-EIS	34014.83	8.9099	54862.56	8.919184	
M6PFDA-EIS	19923.59	8.4749	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-2C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-06	File ID:	QQQ22996.d
Sampled:	12/28/22 11:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 20:45
Solids:	78.37	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	77084.61	5.795683	118008.5	5.786433	
M4PFHpA-EIS	17405.43	6.64725	26687.34	6.619467	
M3PFHxS-EIS	10475.57	6.758067	15834.9	6.729517	
M3PFBS-EIS	14853.15	4.928583	24950.08	4.918684	
M3-HFPO-DA-EIS	49560.85	6.076883	71604.3	6.06765	
M2PFTeDA-EIS	15249.6	9.943717	30673.37	9.943717	
M2-8-2FTS-EIS	27432.13	8.455517	48105.05	8.437	
M2-6-2FTS-EIS	17474.18	7.295417	31351.92	7.2669	
M2-4-2FTS-EIS	28487.38	5.7299	54348.49	5.7299	
d9-NEtFOSE-EIS	1648.568	10.17742	12926.82	10.159	*
d7-NMeFOSE-EIS	2042.034	9.928516	15873.8	9.919283	*
d5-NEtFOSA-EIS	446.6322	10.1892	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	22492.85	8.881117	41701.79	8.8904	
d3-NMeFOSA-EIS	383.0669	9.922967	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	25146.99	8.667334	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-07	File ID:	QQQ22997.d
Sampled:	12/28/22 12:05	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:01
Solids:	89.09	Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.223	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.223	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.223	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.223	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.223	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.223	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.223	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.223	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.223	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.223	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.223	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.223	U	
2355-31-9	N-MeFOSAA	1	0.223	U	
2991-50-6	N-EtFOSAA	1	0.223	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.446	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.223	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.223	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.223	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.893	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.893	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.893	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.446	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.446	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.446	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.446	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.223	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.893	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.893	U	
763051-92-9	11CL-PF3OUdS	1	0.893	U	
756426-58-1	9CL-PF3ONS	1	0.893	U	
919005-14-4	ADONA	1	0.893	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.223	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.223	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.12	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.58	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.58	U	UJ
24448-09-7	N-MeFOSE	1	2.23	U	UJ
31506-32-8	N-MeFOSA	1	0.522		J
1691-99-2	N-EtFOSE	1	2.23	U	UJ
4151-50-2	N-EtFOSA	1	0.223	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-07	File ID:	QQQ22997.d
Sampled:	12/28/22 12:05	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:01
Solids:	89.09	Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.60	2.91	112	25 - 150	
M5PFHxA	2.79	3.25	117	25 - 150	
M4PFHpA	2.79	3.22	116	25 - 150	
M3PFHxS	2.64	3.42	129	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.79	2.97	107	25 - 150	
M6PFDA	1.39	1.59	114	25 - 150	
M7PFUdA	1.39	1.39	99.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.39	1.20	85.7	25 - 150	
M2PFTeDA	1.39	1.01	72.5	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2	12.8	115	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.67	3.33	125	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.58	6.64	119	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.79	0.145	5.21	10 - 150	*
d3-N-MeFOSAA	5.58	5.53	99.2	25 - 150	
d5-N-EtFOSAA	5.58	5.60	100	25 - 150	
M2-6:2 FTS	5.31	4.67	88.0	25 - 200	
M2-8:2 FTS	5.36	5.05	94.4	25 - 200	
M9PFNA	1.39	1.62	116	25 - 150	
M2-4:2 FTS	5.23	4.86	93.0	25 - 150	
d-N-MeFOSA	2.79	0.175	6.29	25 - 150	*
d-N-EtFOSA	2.79	1.43	51.3	25 - 150	
M3HFPO-DA	11.2	11.4	102	25 - 150	
d9-N-EtFOSE	27.9	2.40	8.62	25 - 150	*
d7-N-MeFOSE	27.9	2.36	8.45	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55008.85	1.041867	71105.92	1.078583	
MPFDA	19873.09	8.466066	24737.11	8.466066	
MPFHxA	70624.59	5.796717	87455.7	5.78745	
MPFHxS	4478.646	6.73895	5244.656	6.728967	
MPFNA	22698.48	7.92845	30675.64	7.928433	
MPFOA	59722.12	7.31525	80066.6	7.315233	
MPFOS	10322.2	7.973717	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6207.303	7.92805	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	51698.25	7.314816	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	150878	4.072017	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	198879.5	1.04875	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	37060.83	9.298384	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	5339.345	7.973166	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	773.7686	9.0819	24549.55	9.09115	*
M7PFUdA-EIS	42790.64	8.909917	54862.56	8.919184	
M6PFDA-EIS	26248.29	8.46565	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-07	File ID:	QQQ22997.d
Sampled:	12/28/22 12:05	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:01
Solids:	89.09	Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	95129.35	5.795683	118008.5	5.786433	
M4PFHpA-EIS	22710.18	6.628733	26687.34	6.619467	
M3PFHxS-EIS	13424.95	6.729517	15834.9	6.729517	
M3PFBS-EIS	18897.04	4.928583	24950.08	4.918684	
M3-HFPO-DA-EIS	56912.39	6.076883	71604.3	6.06765	
M2PFTeDA-EIS	19880.36	9.952933	30673.37	9.943717	
M2-8-2FTS-EIS	35063.52	8.437	48105.05	8.437	
M2-6-2FTS-EIS	23617.68	7.276166	31351.92	7.2669	
M2-4-2FTS-EIS	37620.17	5.739167	54348.49	5.7299	
d9-NEtFOSE-EIS	742.3472	10.17742	12926.82	10.159	*
d7-NMeFOSE-EIS	927.0903	9.938283	15873.8	9.919283	*
d5-NEtFOSA-EIS	455.0609	10.1984	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	31007.14	8.881133	41701.79	8.8904	
d3-NMeFOSA-EIS	153.9076	9.922967	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	34807.84	8.658083	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-08	File ID:	QQQ22998.d
Sampled:	12/28/22 12:35	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:18
Solids:	77.69	Preparation:	EPA 1633 Prep	Initial/Final:	5.05 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.255	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.255	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.255	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.255	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.255	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.255	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.255	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.255	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.255	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.255	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.255	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.255	U	
2355-31-9	N-MeFOSAA	1	0.255	U	
2991-50-6	N-EtFOSAA	1	0.255	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.510	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.255	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.255	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.255	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.02	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.02	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.02	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.510	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.510	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.510	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.510	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.255	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.02	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.02	U	
763051-92-9	11CL-PF3OUdS	1	1.02	U	
756426-58-1	9CL-PF3ONS	1	1.02	U	
919005-14-4	ADONA	1	1.02	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.255	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.255	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.27	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.37	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.37	U	UJ
24448-09-7	N-MeFOSE	1	2.55	U	UJ
31506-32-8	N-MeFOSA	1	0.255	U	UJ
1691-99-2	N-EtFOSE	1	2.55	U	UJ
4151-50-2	N-EtFOSA	1	0.629		J

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-08	File ID:	QQQ22998.d
Sampled:	12/28/22 12:35	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:18
Solids:	77.69	Preparation:	EPA 1633 Prep	Initial/Final:	5.05 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001	Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.97	2.75	92.6	25 - 150	
M5PFHxA	3.19	3.31	104	25 - 150	
M4PFHpA	3.19	3.31	104	25 - 150	
M3PFHxS	3.02	3.25	108	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.19	2.86	89.7	25 - 150	
M6PFDA	1.59	1.63	102	25 - 150	
M7PFUdA	1.59	1.33	83.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.59	1.23	77.2	25 - 150	
M2PFTeDA	1.59	0.917	57.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	13.1	103	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.05	3.12	102	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.37	6.88	108	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.19	0.362	11.4	10 - 150	
d3-N-MeFOSAA	6.37	4.90	76.9	25 - 150	
d5-N-EtFOSAA	6.37	5.13	80.5	25 - 150	
M2-6:2 FTS	6.06	4.62	76.2	25 - 200	
M2-8:2 FTS	6.12	4.53	74.1	25 - 200	
M9PFNA	1.59	1.92	120	25 - 150	
M2-4:2 FTS	5.98	4.34	72.6	25 - 150	
d-N-MeFOSA	3.19	0.312	9.79	25 - 150	*
d-N-EtFOSA	3.19	1.46	45.8	25 - 150	
M3HFPO-DA	12.7	12.6	98.6	25 - 150	
d9-N-EtFOSE	31.9	4.13	13.0	25 - 150	*
d7-N-MeFOSE	31.9	3.94	12.4	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	56869.15	1.032683	71105.92	1.078583	
MPFDA	19777.9	8.4568	24737.11	8.466066	
MPFHxA	70993.77	5.78745	87455.7	5.78745	
MPFHxS	4409.083	6.719733	5244.656	6.728967	
MPFNA	20275.01	7.919167	30675.64	7.928433	
MPFOA	59434.78	7.305984	80066.6	7.315233	
MPFOS	10831.18	7.964433	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5737.089	7.918783	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	43307.75	7.30555	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	137490.3	4.053633	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	183160.5	1.039567	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	33153.55	9.289117	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4593.137	7.963883	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1769.566	9.0819	24549.55	9.09115	*
M7PFUdA-EIS	35551.52	8.900617	54862.56	8.919184	
M6PFDA-EIS	23437.36	8.456384	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-08	File ID:	QQQ22998.d
Sampled:	12/28/22 12:35	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:18
Solids:	77.69	Preparation:	EPA 1633 Prep	Initial/Final:	5.05 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	85168.97	5.786433	118008.5	5.786433	
M4PFHpA-EIS	20553.23	6.610217	26687.34	6.619467	
M3PFHxS-EIS	11000.04	6.711017	15834.9	6.729517	
M3PFBS-EIS	15376.09	4.918684	24950.08	4.918684	
M3-HFPO-DA-EIS	55593.34	6.058417	71604.3	6.06765	
M2PFTeDA-EIS	15747.69	9.96215	30673.37	9.943717	
M2-8-2FTS-EIS	27097.64	8.437	48105.05	8.437	
M2-6-2FTS-EIS	20152.12	7.257667	31351.92	7.2669	
M2-4-2FTS-EIS	28911.99	5.7299	54348.49	5.7299	
d9-NEtFOSE-EIS	1171.068	10.18662	12926.82	10.159	*
d7-NMeFOSE-EIS	1424.791	9.9475	15873.8	9.919283	*
d5-NEtFOSA-EIS	206.5705	10.0698	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	26146.01	8.87185	41701.79	8.8904	
d3-NMeFOSA-EIS	249.8129	9.94245	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	28337.03	8.658083	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-09	File ID:	QQQ22999.d
Sampled:	12/28/22 12:59	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:34
Solids:	76.15	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.261	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.261	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.261	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.261	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.261	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.261	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.261	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.261	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.261	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.261	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.261	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.261	U	
2355-31-9	N-MeFOSAA	1	0.261	U	
2991-50-6	N-EtFOSAA	1	0.261	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.521	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.261	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.261	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.261	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.04	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.04	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.04	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.521	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.521	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.521	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.521	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.261	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.04	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.04	U	
763051-92-9	11CL-PF3OUdS	1	1.04	U	
756426-58-1	9CL-PF3ONS	1	1.04	U	
919005-14-4	ADONA	1	1.04	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.261	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.261	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.30	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.51	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.51	U	UJ
24448-09-7	N-MeFOSE	1	2.61	U	UJ
31506-32-8	N-MeFOSA	1	0.261	U	UJ
1691-99-2	N-EtFOSE	1	2.61	U	UJ
4151-50-2	N-EtFOSA	1	0.311		J

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-09	File ID:	QQQ22999.d
Sampled:	12/28/22 12:59	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:34
Solids:	76.15	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
				Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.04	2.61	85.9	25 - 150	
M5PFHxA	3.26	3.14	96.5	25 - 150	
M4PFHpA	3.26	3.10	95.1	25 - 150	
M3PFHxS	3.09	2.99	96.7	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.26	2.85	87.6	25 - 150	
M6PFDA	1.63	1.57	96.7	25 - 150	
M7PFUdA	1.63	1.28	78.6	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.63	1.14	69.8	25 - 150	
M2PFTeDA	1.63	0.940	57.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.0	13.0	99.6	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.12	3.17	102	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.51	6.46	99.2	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.26	0.374	11.5	10 - 150	
d3-N-MeFOSAA	6.51	4.80	73.7	25 - 150	
d5-N-EtFOSAA	6.51	4.83	74.2	25 - 150	
M2-6:2 FTS	6.19	3.78	61.1	25 - 200	
M2-8:2 FTS	6.25	3.93	62.9	25 - 200	
M9PFNA	1.63	1.85	114	25 - 150	
M2-4:2 FTS	6.11	3.99	65.3	25 - 150	
d-N-MeFOSA	3.26	0.284	8.72	25 - 150	*
d-N-EtFOSA	3.26	1.24	38.1	25 - 150	
M3HFPO-DA	13.0	11.5	87.9	25 - 150	
d9-N-EtFOSE	32.6	3.88	11.9	25 - 150	*
d7-N-MeFOSE	32.6	4.07	12.5	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55624.21	1.05105	71105.92	1.078583	
MPFDA	20681.96	8.475333	24737.11	8.466066	
MPFHxA	72756.23	5.805967	87455.7	5.78745	
MPFHxS	4871.396	6.73895	5244.656	6.728967	
MPFNA	21604.3	7.947317	30675.64	7.928433	
MPFOA	58393.26	7.343467	80066.6	7.315233	
MPFOS	10512.57	7.9925	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5797.378	7.94695	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	41550.42	7.343083	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	129489	4.0904	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	173667.5	1.04875	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	31338.85	9.27985	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4437.671	7.991967	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1736.306	9.0819	24549.55	9.09115	*
M7PFUdA-EIS	35086.21	8.9099	54862.56	8.919184	
M6PFDA-EIS	23158.36	8.4749	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-3C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-09	File ID:	QQQ22999.d
Sampled:	12/28/22 12:59	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:34
Solids:	76.15	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	81161.39	5.804934	118008.5	5.786433	
M4PFHpA-EIS	19251.85	6.628733	26687.34	6.619467	
M3PFHxS-EIS	10926.57	6.7396	15834.9	6.729517	
M3PFBS-EIS	15751.6	4.937817	24950.08	4.918684	
M3-HFPO-DA-EIS	50781.54	6.076883	71604.3	6.06765	
M2PFTeDA-EIS	16482.72	9.91595	30673.37	9.943717	
M2-8-2FTS-EIS	25412.56	8.446267	48105.05	8.437	
M2-6-2FTS-EIS	17831.55	7.295434	31351.92	7.2669	
M2-4-2FTS-EIS	28738.73	5.739167	54348.49	5.7299	
d9-NEtFOSE-EIS	1045.595	10.14003	12926.82	10.159	*
d7-NMeFOSE-EIS	1395.074	9.900833	15873.8	9.919283	*
d5-NEtFOSA-EIS	237.564	10.16157	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	23349.62	8.881133	41701.79	8.8904	
d3-NMeFOSA-EIS	213.0576	9.9045	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	26340.47	8.66735	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-10	File ID:	QQQ23000.d
Sampled:	12/28/22 13:20	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:50
Solids:	87.86	Preparation:	EPA 1633 Prep	Initial/Final:	5.07 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.224	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.224	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.224	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.224	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.224	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.694		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.224	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.224	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.224	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.224	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.224	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.224	U	
2355-31-9	N-MeFOSAA	1	0.224	U	
2991-50-6	N-EtFOSAA	1	0.678		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.449	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.168	J	J
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.224	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.224	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.898	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.898	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.898	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.449	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.449	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.449	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.449	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.224	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.898	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.898	U	
763051-92-9	11CL-PF3OUdS	1	0.898	U	
756426-58-1	9CL-PF3ONS	1	0.898	U	
919005-14-4	ADONA	1	0.898	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.224	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.224	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.12	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.61	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.61	U	UJ
24448-09-7	N-MeFOSE	1	2.24	U	UJ
31506-32-8	N-MeFOSA	1	0.279		J
1691-99-2	N-EtFOSE	1	2.24	U	UJ
4151-50-2	N-EtFOSA	1	0.224	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-10	File ID:	QQQ23000.d
Sampled:	12/28/22 13:20	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:50
Solids:	87.86	Preparation:	EPA 1633 Prep	Initial/Final:	5.07 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
				Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.62	2.48	95.0	25 - 150	
M5PFHxA	2.81	3.20	114	25 - 150	
M4PFHpA	2.81	3.06	109	25 - 150	
M3PFHxS	2.66	2.91	109	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.81	2.87	102	25 - 150	
M6PFDA	1.40	1.70	121	25 - 150	
M7PFUdA	1.40	1.45	104	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.40	1.23	88.0	25 - 150	
M2PFTeDA	1.40	0.963	68.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2	12.4	111	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.69	3.37	125	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.61	6.52	116	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.81	0.118	4.19	10 - 150	*
d3-N-MeFOSAA	5.61	5.15	91.7	25 - 150	
d5-N-EtFOSAA	5.61	4.71	83.9	25 - 150	
M2-6:2 FTS	5.34	3.93	73.6	25 - 200	
M2-8:2 FTS	5.39	4.58	85.1	25 - 200	
M9PFNA	1.40	1.68	119	25 - 150	
M2-4:2 FTS	5.26	3.99	75.9	25 - 150	
d-N-MeFOSA	2.81	0.131	4.67	25 - 150	*
d-N-EtFOSA	2.81	1.07	38.2	25 - 150	
M3HFPO-DA	11.2	11.8	106	25 - 150	
d9-N-EtFOSE	28.1	1.49	5.30	25 - 150	*
d7-N-MeFOSE	28.1	1.30	4.64	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	56364.04	1.05105	71105.92	1.078583	
MPFDA	19594.31	8.466066	24737.11	8.466066	
MPFHxA	71943.7	5.82445	87455.7	5.78745	
MPFHxS	5148.635	6.748183	5244.656	6.728967	
MPFNA	23592.24	7.937716	30675.64	7.928433	
MPFOA	59991.89	7.3342	80066.6	7.315233	
MPFOS	11130.17	7.983	13790.42	7.964433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6652.26	7.94695	8939.809	7.92805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	49874.48	7.3338	63570.23	7.3148	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	149936.1	4.072017	192469.6	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	195967.9	1.04875	254130.4	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	37486.31	9.289133	52864.05	9.298384	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	5791.26	7.98245	6860.392	7.963883	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	670.9666	9.0819	24549.55	9.09115	*
M7PFUdA-EIS	43827.91	8.909917	54862.56	8.919184	
M6PFDA-EIS	27522.23	8.465633	33361.06	8.465633	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-10	File ID:	QQQ23000.d
Sampled:	12/28/22 13:20	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 21:50
Solids:	87.86	Preparation:	EPA 1633 Prep	Initial/Final:	5.07 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	94844.73	5.823433	118008.5	5.786433	
M4PFHpA-EIS	21813.04	6.637983	26687.34	6.619467	
M3PFHxS-EIS	13055.25	6.748833	15834.9	6.729517	
M3PFBS-EIS	18413.38	4.947033	24950.08	4.918684	
M3-HFPO-DA-EIS	60281.65	6.09535	71604.3	6.06765	
M2PFTeDA-EIS	18559.99	9.94375	30673.37	9.943717	
M2-8-2FTS-EIS	36339.11	8.446267	48105.05	8.437	
M2-6-2FTS-EIS	22707.16	7.285417	31351.92	7.2669	
M2-4-2FTS-EIS	35284.95	5.75765	54348.49	5.7299	
d9-NEtFOSE-EIS	484.9997	10.16823	12926.82	10.159	*
d7-NMeFOSE-EIS	547.0885	9.92855	15873.8	9.919283	*
d5-NEtFOSA-EIS	333.3924	10.18002	2360.387	10.17077	*
d5-N-EtFOSAA-EIS	27976.55	8.881133	41701.79	8.8904	
d3-NMeFOSA-EIS	117.531	9.923	3292.044	9.922967	*
d3-N-MeFOSAA-EIS	34692	8.66735	44725.97	8.667334	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-11	File ID:	QQQ23003.d
Sampled:	12/28/22 13:29	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 22:38
Solids:	73.33	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.268	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.268	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.268	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.268	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.268	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.61		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.268	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.268	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.268	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.268	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.268	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.268	U	
2355-31-9	N-MeFOSAA	1	0.268	U	
2991-50-6	N-EtFOSAA	1	2.37		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.537	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.268	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.268	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.268	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.07	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.07	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.07	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.537	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.537	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.537	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.537	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.268	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.07	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.07	U	
763051-92-9	11CL-PF3OUdS	1	1.07	U	
756426-58-1	9CL-PF3ONS	1	1.07	U	
919005-14-4	ADONA	1	1.07	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.268	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.268	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.34	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.71	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.71	U	UJ
24448-09-7	N-MeFOSE	1	2.68	U	UJ
31506-32-8	N-MeFOSA	1	0.268	U	UJ
1691-99-2	N-EtFOSE	1	2.68	U	UJ
4151-50-2	N-EtFOSA	1	0.268	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-11	File ID:	QQQ23003.d
Sampled:	12/28/22 13:29	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 22:38
Solids:	73.33	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
				Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.13	3.22	103	25 - 150	
M5PFHxA	3.36	3.63	108	25 - 150	
M4PFHpA	3.36	3.46	103	25 - 150	
M3PFHxS	3.18	3.75	118	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.36	3.18	94.9	25 - 150	
M6PFDA	1.68	1.98	118	25 - 150	
M7PFUdA	1.68	1.57	93.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.68	1.47	87.5	25 - 150	
M2PFTeDA	1.68	1.17	69.8	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.4	14.3	106	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.21	3.40	106	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.71	7.40	110	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.36	0.140	4.16	10 - 150	*
d3-N-MeFOSAA	6.71	5.01	74.6	25 - 150	
d5-N-EtFOSAA	6.71	4.36	65.0	25 - 150	
M2-6:2 FTS	6.38	4.70	73.7	25 - 200	
M2-8:2 FTS	6.44	5.46	84.7	25 - 200	
M9PFNA	1.68	1.75	104	25 - 150	
M2-4:2 FTS	6.29	5.21	82.8	25 - 150	
d-N-MeFOSA	3.36	0.261	7.78	25 - 150	*
d-N-EtFOSA	3.36	1.61	48.1	25 - 150	
M3HFPO-DA	13.4	12.7	94.5	25 - 150	
d9-N-EtFOSE	33.6	1.50	4.47	25 - 150	*
d7-N-MeFOSE	33.6	1.47	4.37	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55113.84	1.041867	70823.31	1.078583	
MPFDA	19778.53	8.456817	24881.76	8.466066	
MPFHxA	70598.09	5.796717	86456.48	5.7967	
MPFHxS	4653.593	6.728967	5580.208	6.73895	
MPFNA	22487.05	7.919183	31334.99	7.947317	
MPFOA	61689.82	7.306	78630.72	7.324934	
MPFOS	10629.22	7.96445	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5527.686	7.918783	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	47541.17	7.305567	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	139539.4	4.072017	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	183515.4	1.039567	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	37610.84	9.2706	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4663.161	7.9639	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	636.1329	9.072634	25000.27	9.091166	*
M7PFUdA-EIS	39895.94	8.900633	59503.77	8.909917	
M6PFDA-EIS	26986.37	8.4564	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-11	File ID:	QQQ23003.d
Sampled:	12/28/22 13:29	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 22:38
Solids:	73.33	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	88199.45	5.795683	118662.5	5.795683	
M4PFHpA-EIS	20241.05	6.619467	28360.15	6.628733	
M3PFHxS-EIS	12720.89	6.720267	15961.43	6.729517	
M3PFBS-EIS	18038.23	4.928583	26491.57	4.9378	
M3-HFPO-DA-EIS	52988.23	6.06765	70816.16	6.06765	
M2PFTeDA-EIS	19029.15	9.915967	29665.83	9.971367	
M2-8-2FTS-EIS	32711.44	8.437016	46795.23	8.446267	
M2-6-2FTS-EIS	20566.09	7.266933	29362.98	7.276166	
M2-4-2FTS-EIS	34822.52	5.73915	53971.68	5.73915	
d9-NEtFOSE-EIS	396.6535	10.14005	12937.39	10.20505	*
d7-NMeFOSE-EIS	493.2707	9.90085	16972.73	9.956717	*
d5-NEtFOSA-EIS	366.0463	10.16158	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	20697.77	8.871866	41765.8	8.881133	
d3-NMeFOSA-EIS	190.12	9.895284	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	26954.96	8.6581	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-12	File ID:	QQQ23004.d
Sampled:	12/28/22 13:38	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 22:54
Solids:	75.97	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.263	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.263	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.263	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.263	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.263	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.263	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.263	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.263	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.263	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.263	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.263	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.263	U	
2355-31-9	N-MeFOSAA	1	0.263	U	
2991-50-6	N-EtFOSAA	1	0.263	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.527	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.263	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.263	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.263	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.05	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.05	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.05	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.527	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.527	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.527	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.527	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.263	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.05	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.05	U	
763051-92-9	11CL-PF3OUdS	1	1.05	U	
756426-58-1	9CL-PF3ONS	1	1.05	U	
919005-14-4	ADONA	1	1.05	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.263	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.263	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.32	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.58	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.58	U	UJ
24448-09-7	N-MeFOSE	1	2.63	U	UJ
31506-32-8	N-MeFOSA	1	0.263	U	UJ
1691-99-2	N-EtFOSE	1	2.63	U	UJ
4151-50-2	N-EtFOSA	1	0.470		J

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-12	File ID:	QQQ23004.d
Sampled:	12/28/22 13:38	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 22:54
Solids:	75.97	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.07	2.85	92.9	25 - 150	
M5PFHxA	3.29	3.13	95.2	25 - 150	
M4PFHpA	3.29	3.13	95.0	25 - 150	
M3PFHxS	3.12	3.20	102	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.29	3.25	98.7	25 - 150	
M6PFDA	1.65	1.53	92.7	25 - 150	
M7PFUdA	1.65	1.47	89.2	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.65	1.20	72.8	25 - 150	
M2PFTeDA	1.65	0.993	60.3	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.2	13.4	101	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.15	3.04	96.5	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.58	6.73	102	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.29	0.441	13.4	10 - 150	
d3-N-MeFOSAA	6.58	5.01	76.1	25 - 150	
d5-N-EtFOSAA	6.58	5.13	77.9	25 - 150	
M2-6:2 FTS	6.26	4.38	69.9	25 - 200	
M2-8:2 FTS	6.32	4.61	73.0	25 - 200	
M9PFNA	1.65	1.64	99.7	25 - 150	
M2-4:2 FTS	6.17	4.61	74.6	25 - 150	
d-N-MeFOSA	3.29	0.478	14.5	25 - 150	*
d-N-EtFOSA	3.29	1.54	46.9	25 - 150	
M3HFPO-DA	13.2	12.1	92.2	25 - 150	
d9-N-EtFOSE	32.9	4.40	13.4	25 - 150	*
d7-N-MeFOSE	32.9	4.36	13.2	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	56286.71	1.05105	70823.31	1.078583	
MPFDA	19301.24	8.493867	24881.76	8.466066	
MPFHxA	73340.45	5.8152	86456.48	5.7967	
MPFHxS	4733.703	6.73895	5580.208	6.73895	
MPFNA	23215.34	7.956583	31334.99	7.947317	
MPFOA	57484.94	7.324917	78630.72	7.324934	
MPFOS	10940.39	7.992483	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5465.244	7.956217	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	46044.7	7.324533	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	134665.5	4.0812	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	179067	1.04875	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	30525.07	9.307983	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4380.254	7.99195	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2110.397	9.100583	25000.27	9.091166	*
M7PFUdA-EIS	37172.33	8.928467	59503.77	8.909917	
M6PFDA-EIS	20720.52	8.484167	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-4C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-12	File ID:	QQQ23004.d
Sampled:	12/28/22 13:38	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 22:54
Solids:	75.97	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	80698.45	5.814183	118662.5	5.795683	
M4PFHpA-EIS	19385.17	6.628716	28360.15	6.628733	
M3PFHxS-EIS	11253.64	6.7396	15961.43	6.729517	
M3PFBS-EIS	16569.05	4.947017	26491.57	4.9378	
M3-HFPO-DA-EIS	53726.05	6.086117	70816.16	6.06765	
M2PFTeDA-EIS	16076.35	9.952933	29665.83	9.971367	
M2-8-2FTS-EIS	28667.69	8.4648	46795.23	8.446267	
M2-6-2FTS-EIS	19839.69	7.276166	29362.98	7.276166	
M2-4-2FTS-EIS	31903.49	5.7484	53971.68	5.73915	
d9-NEtFOSE-EIS	1220.237	10.17742	12937.39	10.20505	*
d7-NMeFOSE-EIS	1539.568	9.9383	16972.73	9.956717	*
d5-NEtFOSA-EIS	93.61432	10.07903	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	25537.18	8.899683	41765.8	8.881133	
d3-NMeFOSA-EIS	362.331	9.9322	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	28299.26	8.685884	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-13	File ID:	QQQ23005.d
Sampled:	12/28/22 15:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:10
Solids:	81.51	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.243	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.0828	J	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.243	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.243	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.505		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.26		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.243	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.243	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.243	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.243	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.243	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.243	U	
2355-31-9	N-MeFOSAA	1	0.243	U	
2991-50-6	N-EtFOSAA	1	0.243	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.487	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.243	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.243	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.243	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.974	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.974	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.188	J	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.487	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.487	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.487	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.487	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.243	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.974	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.974	U	
763051-92-9	11CL-PF3OUdS	1	0.974	U	
756426-58-1	9CL-PF3ONS	1	0.974	U	
919005-14-4	ADONA	1	0.974	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.243	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.243	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.22	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.09	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.09	U	UJ
24448-09-7	N-MeFOSE	1	2.43	U	UJ
31506-32-8	N-MeFOSA	1	0.243	U	UJ
1691-99-2	N-EtFOSE	1	2.43	U	UJ
4151-50-2	N-EtFOSA	1	0.243	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-13	File ID:	QQQ23005.d
Sampled:	12/28/22 15:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:10
Solids:	81.51	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001	Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.84	2.98	105	25 - 150	
M5PFHxA	3.04	3.24	106	25 - 150	
M4PFHpA	3.04	3.18	104	25 - 150	
M3PFHxS	2.88	3.60	125	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.04	3.08	101	25 - 150	
M6PFDA	1.52	1.69	111	25 - 150	
M7PFUdA	1.52	1.50	98.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.52	1.29	84.8	25 - 150	
M2PFTeDA	1.52	1.02	67.3	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.2	12.7	105	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.91	3.44	118	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.09	6.76	111	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.04	0.133	4.36	10 - 150	*
d3-N-MeFOSAA	6.09	5.14	84.4	25 - 150	
d5-N-EtFOSAA	6.09	5.11	83.9	25 - 150	
M2-6:2 FTS	5.79	4.47	77.2	25 - 200	
M2-8:2 FTS	5.84	5.50	94.1	25 - 200	
M9PFNA	1.52	1.85	122	25 - 150	
M2-4:2 FTS	5.71	5.10	89.3	25 - 150	
d-N-MeFOSA	3.04	0.153	5.03	25 - 150	*
d-N-EtFOSA	3.04	1.46	47.9	25 - 150	
M3HFPO-DA	12.2	11.6	95.3	25 - 150	
d9-N-EtFOSE	30.4	1.89	6.22	25 - 150	*
d7-N-MeFOSE	30.4	1.67	5.50	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	54334.27	1.041867	70823.31	1.078583	
MPFDA	18955.1	8.46605	24881.76	8.466066	
MPFHxA	67324.22	5.82445	86456.48	5.7967	
MPFHxS	4442.26	6.748167	5580.208	6.73895	
MPFNA	23071.98	7.937716	31334.99	7.947317	
MPFOA	57439.4	7.324917	78630.72	7.324934	
MPFOS	10670.58	7.982983	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6629.548	7.937333	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	47267.06	7.324533	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	134220.6	4.072017	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	178141.6	1.039567	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	34941.99	9.2891	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	5226.635	7.98245	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	670.2215	9.081883	25000.27	9.091166	*
M7PFUdA-EIS	40233.46	8.9099	59503.77	8.909917	
M6PFDA-EIS	24417.86	8.465633	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-13	File ID:	QQQ23005.d
Sampled:	12/28/22 15:15	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:10
Solids:	81.51	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	82779.22	5.823433	118662.5	5.795683	
M4PFHpA-EIS	19545.98	6.637983	28360.15	6.628733	
M3PFHxS-EIS	12858.65	6.748833	15961.43	6.729517	
M3PFBS-EIS	17580.4	4.9378	26491.57	4.9378	
M3-HFPO-DA-EIS	50943.57	6.09535	70816.16	6.06765	
M2PFTeDA-EIS	17621.24	9.9437	29665.83	9.971367	
M2-8-2FTS-EIS	34673.3	8.44625	46795.23	8.446267	
M2-6-2FTS-EIS	20573.17	7.285417	29362.98	7.276166	
M2-4-2FTS-EIS	35828.96	5.75765	53971.68	5.73915	
d9-NEtFOSE-EIS	554.8464	10.17742	12937.39	10.20505	*
d7-NMeFOSE-EIS	623.2244	9.9285	16972.73	9.956717	*
d5-NEtFOSA-EIS	356.9587	10.17998	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	26823.49	8.881117	41765.8	8.881133	
d3-NMeFOSA-EIS	135.0571	9.92295	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	30626.41	8.667334	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-14	File ID:	QQQ23006.d
Sampled:	12/28/22 15:29	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:26
Solids:	87.80	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.226	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.226	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.226	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.226	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.226	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.226	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.226	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.226	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.226	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.226	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.226	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.226	U	
2355-31-9	N-MeFOSAA	1	0.226	U	
2991-50-6	N-EtFOSAA	1	0.226	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.452	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.226	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.226	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.226	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.904	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.904	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.904	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.452	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.452	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.452	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.452	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.226	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.904	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.904	U	
763051-92-9	11CL-PF3OUdS	1	0.904	U	
756426-58-1	9CL-PF3ONS	1	0.904	U	
919005-14-4	ADONA	1	0.904	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.226	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.226	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.13	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.65	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.65	U	UJ
24448-09-7	N-MeFOSE	1	2.26	U	UJ
31506-32-8	N-MeFOSA	1	0.226	U	UJ
1691-99-2	N-EtFOSE	1	2.26	U	UJ
4151-50-2	N-EtFOSA	1	0.226	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-14	File ID:	QQQ23006.d
Sampled:	12/28/22 15:29	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:26
Solids:	87.80	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.63	2.53	95.9	25 - 150	
M5PFHxA	2.82	3.14	111	25 - 150	
M4PFHpA	2.82	3.00	106	25 - 150	
M3PFHxS	2.68	3.13	117	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.82	2.93	104	25 - 150	
M6PFDA	1.41	1.41	99.7	25 - 150	
M7PFUdA	1.41	1.34	94.6	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.41	0.991	70.1	25 - 150	
M2PFTeDA	1.41	0.886	62.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.3	12.7	112	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.71	2.99	110	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.65	6.45	114	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.82	0.368	13.0	10 - 150	
d3-N-MeFOSAA	5.65	4.61	81.5	25 - 150	
d5-N-EtFOSAA	5.65	4.79	84.7	25 - 150	
M2-6:2 FTS	5.37	4.27	79.5	25 - 200	
M2-8:2 FTS	5.42	4.21	77.6	25 - 200	
M9PFNA	1.41	1.61	114	25 - 150	
M2-4:2 FTS	5.30	4.41	83.1	25 - 150	
d-N-MeFOSA	2.82	0.414	14.6	25 - 150	*
d-N-EtFOSA	2.82	1.23	43.6	25 - 150	
M3HFPO-DA	11.3	11.4	101	25 - 150	
d9-N-EtFOSE	28.2	3.88	13.7	25 - 150	*
d7-N-MeFOSE	28.2	4.60	16.3	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	54957.26	1.041867	70823.31	1.078583	
MPFDA	21071.04	8.47535	24881.76	8.466066	
MPFHxA	70585.13	5.787467	86456.48	5.7967	
MPFHxS	4831.505	6.728983	5580.208	6.73895	
MPFNA	22069.03	7.937733	31334.99	7.947317	
MPFOA	60490.88	7.315267	78630.72	7.324934	
MPFOS	10895.32	7.973733	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5947.207	7.928067	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	50909.13	7.314833	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	144703.5	4.053633	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	193229.6	1.039567	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	32130.07	9.308	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4990.858	7.973183	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2041.404	9.1006	25000.27	9.091166	*
M7PFUdA-EIS	43031.34	8.9192	59503.77	8.909917	
M6PFDA-EIS	24318.42	8.474916	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-14	File ID:	QQQ23006.d
Sampled:	12/28/22 15:29	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:26
Solids:	87.80	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	90763.31	5.78645	118662.5	5.795683	
M4PFHpA-EIS	20847.57	6.619483	28360.15	6.628733	
M3PFHxS-EIS	13110.76	6.729533	15961.43	6.729517	
M3PFBS-EIS	17454.9	4.909467	26491.57	4.9378	
M3-HFPO-DA-EIS	56592.27	6.058417	70816.16	6.06765	
M2PFTeDA-EIS	18246.52	9.971383	29665.83	9.971367	
M2-8-2FTS-EIS	31091.67	8.446283	46795.23	8.446267	
M2-6-2FTS-EIS	23031.25	7.266933	29362.98	7.276166	
M2-4-2FTS-EIS	36286.06	5.720667	53971.68	5.73915	
d9-NEtFOSE-EIS	1249.623	10.20507	12937.39	10.20505	*
d7-NMeFOSE-EIS	1886.638	9.956734	16972.73	9.956717	*
d5-NEtFOSA-EIS	139.0073	10.07905	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	27636.16	8.890417	41765.8	8.881133	
d3-NMeFOSA-EIS	366.0696	9.951683	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	30209.07	8.66735	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-15	File ID:	QQQ23007.d
Sampled:	12/28/22 15:43	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:42
Solids:	80.03	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.246	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.246	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.246	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.246	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.246	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.246	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.246	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.246	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.246	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.246	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.246	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.246	U	
2355-31-9	N-MeFOSAA	1	0.246	U	
2991-50-6	N-EtFOSAA	1	0.246	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.492	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.246	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.246	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.246	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.984	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.984	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.984	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.492	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.492	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.492	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.492	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.246	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.984	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.984	U	
763051-92-9	11CL-PF3OUdS	1	0.984	U	
756426-58-1	9CL-PF3ONS	1	0.984	U	
919005-14-4	ADONA	1	0.984	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.246	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.246	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.23	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.15	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.15	U	UJ
24448-09-7	N-MeFOSE	1	2.46	U	UJ
31506-32-8	N-MeFOSA	1	0.246	U	UJ
1691-99-2	N-EtFOSE	1	2.46	U	UJ
4151-50-2	N-EtFOSA	1	0.246	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-15	File ID:	QQQ23007.d
Sampled:	12/28/22 15:43	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:42
Solids:	80.03	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
				Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.87	2.73	95.1	25 - 150	
M5PFHxA	3.07	3.52	114	25 - 150	
M4PFHpA	3.07	3.20	104	25 - 150	
M3PFHxS	2.91	2.97	102	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.07	2.78	90.4	25 - 150	
M6PFDA	1.54	1.41	92.0	25 - 150	
M7PFUdA	1.54	1.30	84.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.54	1.13	73.8	25 - 150	
M2PFTeDA	1.54	0.836	54.4	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.3	13.7	112	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.95	2.82	95.6	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.15	7.23	118	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.07	0.851	27.7	10 - 150	
d3-N-MeFOSAA	6.15	4.91	79.9	25 - 150	
d5-N-EtFOSAA	6.15	4.84	78.7	25 - 150	
M2-6:2 FTS	5.85	4.30	73.5	25 - 200	
M2-8:2 FTS	5.90	3.95	66.9	25 - 200	
M9PFNA	1.54	1.68	109	25 - 150	
M2-4:2 FTS	5.77	4.62	80.1	25 - 150	
d-N-MeFOSA	3.07	0.762	24.8	25 - 150	*
d-N-EtFOSA	3.07	1.59	51.8	25 - 150	
M3HFPO-DA	12.3	12.5	102	25 - 150	
d9-N-EtFOSE	30.7	6.68	21.7	25 - 150	*
d7-N-MeFOSE	30.7	7.18	23.3	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55981.91	1.041867	70823.31	1.078583	
MPFDA	20123.39	8.484583	24881.76	8.466066	
MPFHxA	70245.99	5.7967	86456.48	5.7967	
MPFHxS	4929.782	6.738934	5580.208	6.73895	
MPFNA	22436.27	7.956583	31334.99	7.947317	
MPFOA	58620.05	7.34345	78630.72	7.324934	
MPFOS	10975.99	8.00175	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5783.343	7.9655	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	43012.56	7.343067	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	148116.8	4.062817	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	195987.6	1.039567	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	32285.36	9.298367	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4355.483	8.001217	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	4373.366	9.09115	25000.27	9.091166	*
M7PFUdA-EIS	36781.93	8.919167	59503.77	8.909917	
M6PFDA-EIS	21431.96	8.474883	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-15	File ID:	QQQ23007.d
Sampled:	12/28/22 15:43	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:42
Solids:	80.03	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	92894.07	5.795683	118662.5	5.795683	
M4PFHpA-EIS	20342.67	6.628716	28360.15	6.628733	
M3PFHxS-EIS	11664.23	6.7396	15961.43	6.729517	
M3PFBS-EIS	17663.59	4.928583	26491.57	4.9378	
M3-HFPO-DA-EIS	56835.43	6.067633	70816.16	6.06765	
M2PFTeDA-EIS	15107.39	9.962133	29665.83	9.971367	
M2-8-2FTS-EIS	27371.44	8.455517	46795.23	8.446267	
M2-6-2FTS-EIS	21719.95	7.295417	29362.98	7.276166	
M2-4-2FTS-EIS	35660.8	5.7299	53971.68	5.73915	
d9-NEtFOSE-EIS	1993.657	10.19582	12937.39	10.20505	*
d7-NMeFOSE-EIS	2722.268	9.947483	16972.73	9.956717	*
d5-NEtFOSA-EIS	502.9752	10.2076	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	25865.02	8.890384	41765.8	8.881133	
d3-NMeFOSA-EIS	624.7849	9.942433	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	29822.62	8.6766	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-16	File ID:	QQQ23008.d
Sampled:	12/28/22 15:59	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:58
Solids:	75.26	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.265	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.265	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.265	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.265	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.265	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.265	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.265	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.265	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.265	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.265	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.265	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.265	U	
2355-31-9	N-MeFOSAA	1	0.265	U	
2991-50-6	N-EtFOSAA	1	0.265	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.529	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.265	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.265	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.265	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.06	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.06	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.06	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.529	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.529	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.529	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.529	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.265	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.06	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.06	U	
763051-92-9	11CL-PF3OUdS	1	1.06	U	
756426-58-1	9CL-PF3ONS	1	1.06	U	
919005-14-4	ADONA	1	1.06	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.265	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.265	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.32	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.62	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.62	U	UJ
24448-09-7	N-MeFOSE	1	2.65	U	UJ
31506-32-8	N-MeFOSA	1	0.242	J	J
1691-99-2	N-EtFOSE	1	2.65	U	UJ
4151-50-2	N-EtFOSA	1	0.265	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-16	File ID:	QQQ23008.d
Sampled:	12/28/22 15:59	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:58
Solids:	75.26	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.08	3.16	102	25 - 150	
M5PFHxA	3.31	3.58	108	25 - 150	
M4PFHpA	3.31	3.31	100	25 - 150	
M3PFHxS	3.14	3.51	112	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.31	3.00	90.6	25 - 150	
M6PFDA	1.65	1.70	103	25 - 150	
M7PFUdA	1.65	1.60	97.0	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.65	1.39	83.9	25 - 150	
M2PFTeDA	1.65	1.07	64.8	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.2	14.6	110	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.17	3.28	104	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.62	7.56	114	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.31	0.552	16.7	10 - 150	
d3-N-MeFOSAA	6.62	5.01	75.7	25 - 150	
d5-N-EtFOSAA	6.62	5.34	80.8	25 - 150	
M2-6:2 FTS	6.29	4.50	71.6	25 - 200	
M2-8:2 FTS	6.35	4.67	73.5	25 - 200	
M9PFNA	1.65	1.80	109	25 - 150	
M2-4:2 FTS	6.21	4.86	78.2	25 - 150	
d-N-MeFOSA	3.31	0.452	13.7	25 - 150	*
d-N-EtFOSA	3.31	1.71	51.7	25 - 150	
M3HFPO-DA	13.2	13.8	104	25 - 150	
d9-N-EtFOSE	33.1	4.79	14.5	25 - 150	*
d7-N-MeFOSE	33.1	4.49	13.6	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55823.86	1.05105	70823.31	1.078583	
MPFDA	18783.99	8.47535	24881.76	8.466066	
MPFHxA	70621.92	5.805967	86456.48	5.7967	
MPFHxS	4579.266	6.728983	5580.208	6.73895	
MPFNA	22293.93	7.937733	31334.99	7.947317	
MPFOA	61455.4	7.324934	78630.72	7.324934	
MPFOS	10555.08	7.983016	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5722.7	7.93735	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	45192.46	7.324533	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	144718.9	4.0996	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	192628.3	1.04875	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	34251.78	9.308	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4536.562	7.982467	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2535.789	9.1006	25000.27	9.091166	*
M7PFUdA-EIS	39316.57	8.9192	59503.77	8.909917	
M6PFDA-EIS	22417.9	8.474916	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-5D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-16	File ID:	QQQ23008.d
Sampled:	12/28/22 15:59	Prepared:	01/05/23 13:14	Analyzed:	01/10/23 23:58
Solids:	75.26	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	88300.87	5.804934	118662.5	5.795683	
M4PFHpA-EIS	19657.05	6.628733	28360.15	6.628733	
M3PFHxS-EIS	11900.83	6.729517	15961.43	6.729517	
M3PFBS-EIS	17653.99	4.947033	26491.57	4.9378	
M3-HFPO-DA-EIS	58355.22	6.086133	70816.16	6.06765	
M2PFTeDA-EIS	16796.79	9.971383	29665.83	9.971367	
M2-8-2FTS-EIS	27942.93	8.446283	46795.23	8.446267	
M2-6-2FTS-EIS	19648.5	7.276166	29362.98	7.276166	
M2-4-2FTS-EIS	32366.24	5.748417	53971.68	5.73915	
d9-NEtFOSE-EIS	1275.796	10.20507	12937.39	10.20505	*
d7-NMeFOSE-EIS	1521.075	9.956734	16972.73	9.956717	*
d5-NEtFOSA-EIS	157.8852	10.08825	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	25526.81	8.890417	41765.8	8.881133	
d3-NMeFOSA-EIS	328.9199	9.951683	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	27167.67	8.667367	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-17	File ID:	QQQ23009.d
Sampled:	12/28/22 16:25	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:14
Solids:	89.04	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.221	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.221	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.221	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.221	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.221	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.221	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.221	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.221	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.221	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.221	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.221	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.221	U	
2355-31-9	N-MeFOSAA	1	0.221	U	
2991-50-6	N-EtFOSAA	1	0.221	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.442	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.221	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.221	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.221	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.884	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.884	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.884	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.442	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.442	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.442	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.442	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.221	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.884	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.884	U	
763051-92-9	11CL-PF3OUdS	1	0.884	U	
756426-58-1	9CL-PF3ONS	1	0.884	U	
919005-14-4	ADONA	1	0.884	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.221	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.221	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.11	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.53	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.53	U	UJ
24448-09-7	N-MeFOSE	1	2.21	U	UJ
31506-32-8	N-MeFOSA	1	0.221	U	UJ
1691-99-2	N-EtFOSE	1	2.21	U	UJ
4151-50-2	N-EtFOSA	1	0.412		J

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-17	File ID:	QQQ23009.d
Sampled:	12/28/22 16:25	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:14
Solids:	89.04	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.58	2.80	109	25 - 150	
M5PFHxA	2.76	3.25	118	25 - 150	
M4PFHpA	2.76	3.12	113	25 - 150	
M3PFHxS	2.62	3.40	130	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.76	3.04	110	25 - 150	
M6PFDA	1.38	1.53	111	25 - 150	
M7PFUdA	1.38	1.31	95.0	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.38	1.22	88.5	25 - 150	
M2PFTeDA	1.38	0.813	58.9	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.1	12.9	117	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.65	3.34	126	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.53	6.66	120	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.76	0.169	6.12	10 - 150	*
d3-N-MeFOSAA	5.53	5.17	93.6	25 - 150	
d5-N-EtFOSAA	5.53	4.97	89.8	25 - 150	
M2-6:2 FTS	5.26	4.67	88.8	25 - 200	
M2-8:2 FTS	5.31	5.53	104	25 - 200	
M9PFNA	1.38	1.71	124	25 - 150	
M2-4:2 FTS	5.18	4.82	93.1	25 - 150	
d-N-MeFOSA	2.76	0.174	6.31	25 - 150	*
d-N-EtFOSA	2.76	1.12	40.6	25 - 150	
M3HFPO-DA	11.1	12.2	110	25 - 150	
d9-N-EtFOSE	27.6	1.46	5.29	25 - 150	*
d7-N-MeFOSE	27.6	1.75	6.34	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	56179.55	1.032683	70823.31	1.078583	
MPFDA	20494.86	8.47535	24881.76	8.466066	
MPFHxA	72314.75	5.78745	86456.48	5.7967	
MPFHxS	4480.877	6.73895	5580.208	6.73895	
MPFNA	23600.49	7.93775	31334.99	7.947317	
MPFOA	60944.73	7.3342	78630.72	7.324934	
MPFOS	10403.36	7.983016	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6890.686	7.93735	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	54384.63	7.32455	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	156341	4.04445	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	205872	1.030383	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	39440.79	9.298417	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	5445.388	7.982467	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	915.9739	9.091184	25000.27	9.091166	*
M7PFUdA-EIS	42031.39	8.909933	59503.77	8.909917	
M6PFDA-EIS	26296.47	8.465667	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-17	File ID:	QQQ23009.d
Sampled:	12/28/22 16:25	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:14
Solids:	89.04	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	98401.91	5.786433	118662.5	5.795683	
M4PFHpA-EIS	22689.29	6.628733	28360.15	6.628733	
M3PFHxS-EIS	13489.37	6.739617	15961.43	6.729517	
M3PFBS-EIS	18327.18	4.90025	26491.57	4.9378	
M3-HFPO-DA-EIS	63138.95	6.058417	70816.16	6.06765	
M2PFTeDA-EIS	16669.51	9.962183	29665.83	9.971367	
M2-8-2FTS-EIS	38741.45	8.446283	46795.23	8.446267	
M2-6-2FTS-EIS	23857.42	7.285433	29362.98	7.276166	
M2-4-2FTS-EIS	37677.8	5.72065	53971.68	5.73915	
d9-NEtFOSE-EIS	459.0962	10.19587	12937.39	10.20505	*
d7-NMeFOSE-EIS	701.1841	9.947534	16972.73	9.956717	*
d5-NEtFOSA-EIS	109.9249	10.21687	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	27986.79	8.88115	41765.8	8.881133	
d3-NMeFOSA-EIS	142.2024	9.9517	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	33100.6	8.667367	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-18	File ID:	QQQ23010.d
Sampled:	12/28/22 16:42	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:30
Solids:	77.50	Preparation:	EPA 1633 Prep	Initial/Final:	5.07 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.254	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.254	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.254	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.254	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.254	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.254	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.254	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.254	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.254	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.254	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.254	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.254	U	
2355-31-9	N-MeFOSAA	1	0.254	U	
2991-50-6	N-EtFOSAA	1	0.254	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.509	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.254	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.254	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.254	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.02	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.02	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.02	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.509	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.509	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.509	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.509	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.254	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.02	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.02	U	
763051-92-9	11CL-PF3OUdS	1	1.02	U	
756426-58-1	9CL-PF3ONS	1	1.02	U	
919005-14-4	ADONA	1	1.02	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.254	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.254	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.27	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.36	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.36	U	UJ
24448-09-7	N-MeFOSE	1	2.54	U	UJ
31506-32-8	N-MeFOSA	1	0.254	U	UJ
1691-99-2	N-EtFOSE	1	2.54	U	UJ
4151-50-2	N-EtFOSA	1	0.254	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-18	File ID:	QQQ23010.d
Sampled:	12/28/22 16:42	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:30
Solids:	77.50	Preparation:	EPA 1633 Prep	Initial/Final:	5.07 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.96	2.37	80.0	25 - 150	
M5PFHxA	3.18	3.05	95.9	25 - 150	
M4PFHpA	3.18	2.84	89.2	25 - 150	
M3PFHxS	3.02	2.81	93.1	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.18	2.52	79.1	25 - 150	
M6PFDA	1.59	1.34	84.2	25 - 150	
M7PFUdA	1.59	1.22	76.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.59	1.05	65.8	25 - 150	
M2PFTeDA	1.59	0.844	53.0	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	12.0	94.2	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.05	3.14	103	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.36	6.08	95.6	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.18	0.428	13.5	10 - 150	
d3-N-MeFOSAA	6.36	4.55	71.5	25 - 150	
d5-N-EtFOSAA	6.36	4.46	70.2	25 - 150	
M2-6:2 FTS	6.05	3.91	64.6	25 - 200	
M2-8:2 FTS	6.11	3.87	63.3	25 - 200	
M9PFNA	1.59	1.50	94.1	25 - 150	
M2-4:2 FTS	5.97	4.01	67.1	25 - 150	
d-N-MeFOSA	3.18	0.386	12.1	25 - 150	*
d-N-EtFOSA	3.18	1.36	42.8	25 - 150	
M3HFPO-DA	12.7	11.2	88.2	25 - 150	
d9-N-EtFOSE	31.8	4.87	15.3	25 - 150	*
d7-N-MeFOSE	31.8	4.60	14.5	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55410.33	1.032683	70823.31	1.078583	
MPFDA	19775.94	8.475333	24881.76	8.466066	
MPFHxA	72632.05	5.815217	86456.48	5.7967	
MPFHxS	4880.323	6.73895	5580.208	6.73895	
MPFNA	21715.46	7.947317	31334.99	7.947317	
MPFOA	60177.57	7.324934	78630.72	7.324934	
MPFOS	10720.52	7.983	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4818.021	7.937333	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	38668.69	7.324533	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	124608.5	4.062817	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	163694.1	1.039567	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	28269.2	9.2984	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4593.375	7.98245	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2076.355	9.1006	25000.27	9.091166	*
M7PFUdA-EIS	32749.73	8.9192	59503.77	8.909917	
M6PFDA-EIS	19282.42	8.474916	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-18	File ID:	QQQ23010.d
Sampled:	12/28/22 16:42	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:30
Solids:	77.50	Preparation:	EPA 1633 Prep	Initial/Final:	5.07 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	80458.46	5.814183	118662.5	5.795683	
M4PFHpA-EIS	18028.41	6.628733	28360.15	6.628733	
M3PFHxS-EIS	10549.29	6.739617	15961.43	6.729517	
M3PFBS-EIS	14713.55	4.947017	26491.57	4.9378	
M3-HFPO-DA-EIS	50881.9	6.086117	70816.16	6.06765	
M2PFTeDA-EIS	14481.89	9.943733	29665.83	9.971367	
M2-8-2FTS-EIS	25642.52	8.455533	46795.23	8.446267	
M2-6-2FTS-EIS	18897.95	7.276183	29362.98	7.276166	
M2-4-2FTS-EIS	29594.03	5.7484	53971.68	5.73915	
d9-NEtFOSE-EIS	1383.007	10.16822	12937.39	10.20505	*
d7-NMeFOSE-EIS	1647.485	9.9193	16972.73	9.956717	*
d5-NEtFOSA-EIS	93.99812	10.09748	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	22523.06	8.890417	41765.8	8.881133	
d3-NMeFOSA-EIS	298.8705	9.922983	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	26054.47	8.676617	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-19	File ID:	QQQ23011.d
Sampled:	12/28/22 16:59	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:47
Solids:	69.32	Preparation:	EPA 1633 Prep	Initial/Final:	5.09 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.283	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.283	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.283	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.283	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.283	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.283	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.283	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.283	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.283	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.283	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.283	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.283	U	
2355-31-9	N-MeFOSAA	1	0.283	U	
2991-50-6	N-EtFOSAA	1	0.283	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.567	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.283	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.283	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.283	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.13	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.13	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.13	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.567	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.567	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.567	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.567	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.283	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.13	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.13	U	
763051-92-9	11CL-PF3OUdS	1	1.13	U	
756426-58-1	9CL-PF3ONS	1	1.13	U	
919005-14-4	ADONA	1	1.13	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.283	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.283	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.42	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	7.09	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	7.09	U	UJ
24448-09-7	N-MeFOSE	1	2.83	U	UJ
31506-32-8	N-MeFOSA	1	0.283	U	UJ
1691-99-2	N-EtFOSE	1	2.83	U	UJ
4151-50-2	N-EtFOSA	1	0.283	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-19	File ID:	QQQ23011.d
Sampled:	12/28/22 16:59	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:47
Solids:	69.32	Preparation:	EPA 1633 Prep	Initial/Final:	5.09 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.30	2.47	74.9	25 - 150	
M5PFHxA	3.54	2.74	77.4	25 - 150	
M4PFHpA	3.54	2.47	69.7	25 - 150	
M3PFHxS	3.36	2.57	76.6	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.54	2.27	64.2	25 - 150	
M6PFDA	1.77	1.26	71.0	25 - 150	
M7PFUdA	1.77	1.12	63.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.77	0.934	52.7	25 - 150	
M2PFTeDA	1.77	0.740	41.8	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.2	13.1	92.7	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.39	2.39	70.5	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.09	6.19	87.4	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.54	0.407	11.5	10 - 150	
d3-N-MeFOSAA	7.09	3.28	46.2	25 - 150	
d5-N-EtFOSAA	7.09	3.41	48.1	25 - 150	
M2-6:2 FTS	6.74	3.27	48.6	25 - 200	
M2-8:2 FTS	6.80	3.55	52.1	25 - 200	
M9PFNA	1.77	1.40	79.0	25 - 150	
M2-4:2 FTS	6.65	3.84	57.8	25 - 150	
d-N-MeFOSA	3.54	0.298	8.41	25 - 150	*
d-N-EtFOSA	3.54	1.37	38.8	25 - 150	
M3HFPO-DA	14.2	10.2	72.2	25 - 150	
d9-N-EtFOSE	35.4	3.72	10.5	25 - 150	*
d7-N-MeFOSE	35.4	3.64	10.3	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	53401.65	1.060217	70823.31	1.078583	
MPFDA	18761.74	8.47535	24881.76	8.466066	
MPFHxA	73557.59	5.80595	86456.48	5.7967	
MPFHxS	4568.234	6.748183	5580.208	6.73895	
MPFNA	21858.99	7.937733	31334.99	7.947317	
MPFOA	56498.71	7.3342	78630.72	7.324934	
MPFOS	10708.99	7.983016	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4077.597	7.93735	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	29434.3	7.333817	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	115344.1	4.099583	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	155099.3	1.067117	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	21500.02	9.308	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3133.447	7.982467	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1771.397	9.1006	25000.27	9.091166	*
M7PFUdA-EIS	25641.45	8.9192	59503.77	8.909917	
M6PFDA-EIS	15446.76	8.46565	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-6C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-19	File ID:	QQQ23011.d
Sampled:	12/28/22 16:59	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 00:47
Solids:	69.32	Preparation:	EPA 1633 Prep	Initial/Final:	5.09 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	65822.5	5.804934	118662.5	5.795683	
M4PFHpA-EIS	14277.09	6.637983	28360.15	6.628733	
M3PFHxS-EIS	8119.574	6.739617	15961.43	6.729517	
M3PFBS-EIS	12894.17	4.9378	26491.57	4.9378	
M3-HFPO-DA-EIS	42191.84	6.076883	70816.16	6.06765	
M2PFTeDA-EIS	10819.38	9.95295	29665.83	9.971367	
M2-8-2FTS-EIS	19759.13	8.446283	46795.23	8.446267	
M2-6-2FTS-EIS	13310.94	7.285433	29362.98	7.276166	
M2-4-2FTS-EIS	23840.96	5.73915	53971.68	5.73915	
d9-NEtFOSE-EIS	938.6465	10.18665	12937.39	10.20505	*
d7-NMeFOSE-EIS	1170.533	9.9383	16972.73	9.956717	*
d5-NEtFOSA-EIS	295.9583	10.18922	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	15403.15	8.890417	41765.8	8.881133	
d3-NMeFOSA-EIS	203.0562	9.9322	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	16833.99	8.66735	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-20	File ID:	QQQ23012.d
Sampled:	12/28/22 14:14	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 01:03
Solids:	93.73	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.212	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.212	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.212	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.212	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.212	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.212	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.212	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.212	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.212	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.212	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.212	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.212	U	
2355-31-9	N-MeFOSAA	1	0.212	U	
2991-50-6	N-EtFOSAA	1	0.212	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.423	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.212	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.212	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.212	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.847	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.847	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.847	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.423	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.423	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.423	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.423	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.212	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.847	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.847	U	
763051-92-9	11CL-PF3OUdS	1	0.847	U	
756426-58-1	9CL-PF3ONS	1	0.847	U	
919005-14-4	ADONA	1	0.847	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.212	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.212	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.06	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.29	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.29	U	UJ
24448-09-7	N-MeFOSE	1	2.12	U	UJ
31506-32-8	N-MeFOSA	1	0.212	U	UJ
1691-99-2	N-EtFOSE	1	2.12	U	UJ
4151-50-2	N-EtFOSA	1	0.212	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-20	File ID:	QQQ23012.d
Sampled:	12/28/22 14:14	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 01:03
Solids:	93.73	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.47	2.17	87.8	25 - 150	
M5PFHxA	2.65	2.60	98.2	25 - 150	
M4PFHpA	2.65	2.48	93.8	25 - 150	
M3PFHxS	2.51	2.63	105	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.65	2.23	84.1	25 - 150	
M6PFDA	1.32	1.19	90.2	25 - 150	
M7PFUdA	1.32	1.03	77.5	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.32	0.934	70.6	25 - 150	
M2PFTeDA	1.32	0.667	50.4	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6	10.3	97.7	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.53	2.71	107	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.29	5.33	101	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.65	0.168	6.34	10 - 150	*
d3-N-MeFOSAA	5.29	4.22	79.7	25 - 150	
d5-N-EtFOSAA	5.29	3.60	68.0	25 - 150	
M2-6:2 FTS	5.03	3.78	75.1	25 - 200	
M2-8:2 FTS	5.08	4.42	86.9	25 - 200	
M9PFNA	1.32	1.30	98.4	25 - 150	
M2-4:2 FTS	4.96	3.63	73.2	25 - 150	
d-N-MeFOSA	2.65	0.119	4.50	25 - 150	*
d-N-EtFOSA	2.65	0.969	36.6	25 - 150	
M3HFPO-DA	10.6	9.33	88.1	25 - 150	
d9-N-EtFOSE	26.5	1.56	5.91	25 - 150	*
d7-N-MeFOSE	26.5	1.52	5.75	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55514.36	1.041867	70823.31	1.078583	
MPFDA	21094.04	8.484616	24881.76	8.466066	
MPFHxA	71546.67	5.805967	86456.48	5.7967	
MPFHxS	4759.868	6.757433	5580.208	6.73895	
MPFNA	22377.86	7.9659	31334.99	7.947317	
MPFOA	61902.02	7.352767	78630.72	7.324934	
MPFOS	10694.36	8.0018	13415.21	7.983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5199.284	7.965533	8652.226	7.94695	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	42281.61	7.352366	63922.43	7.324533	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	129398.7	4.081217	191640.8	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	170078.4	1.048767	255743.5	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	32374.51	9.298417	50840.05	9.307983	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4737.483	8.001266	6514.31	7.98245	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	975.0211	9.100616	25000.27	9.091166	*
M7PFUdA-EIS	35304.86	8.919217	59503.77	8.909917	
M6PFDA-EIS	22035.03	8.474934	33061.88	8.46565	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-20	File ID:	QQQ23012.d
Sampled:	12/28/22 14:14	Prepared:	01/05/23 13:14	Analyzed:	01/11/23 01:03
Solids:	93.73	Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL
Batch:	BA30182	Sequence:	S3A1032	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	81236.78	5.80495	118662.5	5.795683	
M4PFHpA-EIS	18668.38	6.638017	28360.15	6.628733	
M3PFHxS-EIS	11588.51	6.74885	15961.43	6.729517	
M3PFBS-EIS	15747.93	4.937817	26491.57	4.9378	
M3-HFPO-DA-EIS	50050.6	6.0769	70816.16	6.06765	
M2PFTeDA-EIS	14671.19	9.934533	29665.83	9.971367	
M2-8-2FTS-EIS	34328.45	8.45555	46795.23	8.446267	
M2-6-2FTS-EIS	21429.4	7.304717	29362.98	7.276166	
M2-4-2FTS-EIS	31459.64	5.739167	53971.68	5.73915	
d9-NEtFOSE-EIS	529.7717	10.15903	12937.39	10.20505	*
d7-NMeFOSE-EIS	652.8853	9.919316	16972.73	9.956717	*
d5-NEtFOSA-EIS	104.2187	10.0975	2461.114	10.21682	*
d5-N-EtFOSAA-EIS	21763.22	8.890433	41765.8	8.881133	
d3-NMeFOSA-EIS	108.9124	9.923	3367.795	9.951667	*
d3-N-MeFOSAA-EIS	28988.11	8.676633	46932.45	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-21	File ID:	QQQ23034.d
Sampled:	12/28/22 14:38	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 19:44
Solids:	70.74	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.282	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.282	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.282	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.282	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.282	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.240	J	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.282	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.282	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.282	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.282	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.282	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.282	U	
2355-31-9	N-MeFOSAA	1	0.282	U	
2991-50-6	N-EtFOSAA	1	0.282	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.563	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.282	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.282	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.282	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.13	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.13	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.13	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.563	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.563	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.563	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.563	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.282	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.13	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.13	U	
763051-92-9	11CL-PF3OUdS	1	1.13	U	
756426-58-1	9CL-PF3ONS	1	1.13	U	
919005-14-4	ADONA	1	1.13	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.282	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.282	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.41	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	7.04	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	7.04	U	UJ
24448-09-7	N-MeFOSE	1	0.983	J	J
31506-32-8	N-MeFOSA	1	0.522	B	J
1691-99-2	N-EtFOSE	1	1.21	J	J
4151-50-2	N-EtFOSA	1	0.282	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-21	File ID:	QQQ23034.d
Sampled:	12/28/22 14:38	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 19:44
Solids:	70.74	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
				Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.28	2.95	90.0	25 - 150	
M5PFHxA	3.52	3.29	93.5	25 - 150	
M4PFHpA	3.52	3.08	87.4	25 - 150	
M3PFHxS	3.34	3.28	98.2	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.52	2.96	84.1	25 - 150	
M6PFDA	1.76	1.66	94.2	25 - 150	
M7PFUdA	1.76	1.55	88.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.76	1.28	73.0	25 - 150	
M2PFTeDA	1.76	0.643	36.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.1	12.9	91.5	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.37	3.40	101	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.04	6.68	94.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.52	0.129	3.65	10 - 150	*
d3-N-MeFOSAA	7.04	5.40	76.7	25 - 150	
d5-N-EtFOSAA	7.04	5.40	76.7	25 - 150	
M2-6:2 FTS	6.69	5.07	75.7	25 - 200	
M2-8:2 FTS	6.76	5.08	75.2	25 - 200	
M9PFNA	1.76	1.63	92.7	25 - 150	
M2-4:2 FTS	6.60	4.94	74.7	25 - 150	
d-N-MeFOSA	3.52	0.140	3.98	25 - 150	*
d-N-EtFOSA	3.52	1.25	35.5	25 - 150	
M3HFPO-DA	14.1	12.2	86.6	25 - 150	
d9-N-EtFOSE	35.2	0.940	2.67	25 - 150	*
d7-N-MeFOSE	35.2	0.870	2.47	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55161.96	1.05105	56372.68	1.05105	
MPFDA	20061.56	8.475333	20500.25	8.475333	
MPFHxA	72394.17	5.8337	71658.98	5.80595	
MPFHxS	4877.581	6.757417	4675.073	6.7574	
MPFNA	24190.73	7.947317	24983.01	7.9566	
MPFOA	60785.81	7.3342	67468.43	7.343467	
MPFOS	11075.29	7.983	11489.4	7.9925	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5296.717	7.956234	6438.085	7.956234	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	41486.61	7.333817	49637.13	7.343067	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	123145.8	4.0812	150779.5	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	158178.2	1.04875	192531.1	1.04875	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	31812.02	9.289117	42162.53	9.289117	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4629.051	7.982467	5413.143	7.991967	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	582.1219	9.091166	20658.15	9.0819	*
M7PFUdA-EIS	38251.97	8.909917	45808.16	8.909917	
M6PFDA-EIS	21892.62	8.474916	26166.57	8.4749	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-21	File ID:	QQQ23034.d
Sampled:	12/28/22 14:38	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 19:44
Solids:	70.74	Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	78257.05	5.823433	93812.65	5.804934	
M4PFHpA-EIS	17615.71	6.656517	22939.98	6.637983	
M3PFHxS-EIS	11113.26	6.758067	13353.91	6.758067	
M3PFBS-EIS	16524.51	4.9378	21047.27	4.9378	
M3-HFPO-DA-EIS	49805.67	6.113833	53815.14	6.076883	
M2PFTeDA-EIS	10125.83	9.925183	22377.42	9.925183	
M2-8-2FTS-EIS	30447.89	8.455533	40230.26	8.455533	
M2-6-2FTS-EIS	22142.59	7.295434	24340.85	7.304683	
M2-4-2FTS-EIS	32939.65	5.7669	44421.21	5.7484	
d9-NEtFOSE-EIS	247.2551	10.14927	9606.624	10.14925	*
d7-NMeFOSE-EIS	291.5284	9.910084	11716.55	9.910067	*
d5-NEtFOSA-EIS	213.5399	10.16158	1771.381	10.17078	*
d5-N-EtFOSAA-EIS	25419.26	8.890417	36434.63	8.881133	
d3-NMeFOSA-EIS	104.4848	9.904516	2320.219	9.904516	*
d3-N-MeFOSAA-EIS	28887.65	8.676617	38906.23	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-22	File ID:	QQQ23035.d
Sampled:	12/28/22 14:59	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 20:00
Solids:	81.55	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.245	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.245	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.245	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.245	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.245	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.245	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.245	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.245	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.245	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.245	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.245	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.245	U	
2355-31-9	N-MeFOSAA	1	0.245	U	
2991-50-6	N-EtFOSAA	1	0.245	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.490	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.245	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.245	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.245	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.979	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.979	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.979	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.490	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.490	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.490	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.490	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.245	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.979	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.979	U	
763051-92-9	11CL-PF3OUdS	1	0.979	U	
756426-58-1	9CL-PF3ONS	1	0.979	U	
919005-14-4	ADONA	1	0.979	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.245	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.245	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.22	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.12	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.12	U	UJ
24448-09-7	N-MeFOSE	1	2.45	U	UJ
31506-32-8	N-MeFOSA	1	0.245	U	UJ
1691-99-2	N-EtFOSE	1	2.45	U	UJ
4151-50-2	N-EtFOSA	1	0.245	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-22	File ID:	QQQ23035.d
Sampled:	12/28/22 14:59	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 20:00
Solids:	81.55	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.85	2.19	76.8	25 - 150	
M5PFHxA	3.06	2.79	91.0	25 - 150	
M4PFHpA	3.06	2.79	91.3	25 - 150	
M3PFHxS	2.90	2.32	79.9	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.06	2.33	76.1	25 - 150	
M6PFDA	1.53	1.34	87.6	25 - 150	
M7PFUdA	1.53	1.09	71.6	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.53	1.02	66.6	25 - 150	
M2PFTeDA	1.53	0.770	50.3	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.2	11.0	89.5	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.93	2.30	78.6	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.12	5.77	94.4	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.06	0.406	13.3	10 - 150	
d3-N-MeFOSAA	6.12	4.10	66.9	25 - 150	
d5-N-EtFOSAA	6.12	4.33	70.8	25 - 150	
M2-6:2 FTS	5.82	3.11	53.5	25 - 200	
M2-8:2 FTS	5.87	3.46	58.8	25 - 200	
M9PFNA	1.53	1.26	82.4	25 - 150	
M2-4:2 FTS	5.74	3.57	62.2	25 - 150	
d-N-MeFOSA	3.06	0.310	10.1	25 - 150	*
d-N-EtFOSA	3.06	1.62	53.0	25 - 150	
M3HFPO-DA	12.2	10.5	85.6	25 - 150	
d9-N-EtFOSE	30.6	3.97	13.0	25 - 150	*
d7-N-MeFOSE	30.6	4.16	13.6	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	54029.13	1.041867	56372.68	1.05105	
MPFDA	18480.19	8.466084	20500.25	8.475333	
MPFHxA	67580.91	5.824467	71658.98	5.80595	
MPFHxS	4899.01	6.748183	4675.073	6.7574	
MPFNA	22497.52	7.937733	24983.01	7.9566	
MPFOA	56631.95	7.324934	67468.43	7.343467	
MPFOS	10330.41	7.973733	11489.4	7.9925	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4376.578	7.93735	6438.085	7.956234	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	34980.19	7.32455	49637.13	7.343067	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	114448.5	4.081217	150779.5	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	151642.5	1.039567	192531.1	1.04875	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	26763.99	9.289133	42162.53	9.289117	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3370.693	7.973183	5413.143	7.991967	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1974.058	9.081917	20658.15	9.0819	*
M7PFUdA-EIS	28551.99	8.909933	45808.16	8.909917	
M6PFDA-EIS	18746.68	8.46565	26166.57	8.4749	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-22	File ID:	QQQ23035.d
Sampled:	12/28/22 14:59	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 20:00
Solids:	81.55	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	71094.15	5.823433	93812.65	5.804934	
M4PFHpA-EIS	17164.33	6.638	22939.98	6.637983	
M3PFHxS-EIS	9078.342	6.748833	13353.91	6.758067	
M3PFBS-EIS	14164.38	4.965466	21047.27	4.9378	
M3-HFPO-DA-EIS	45938.84	6.095366	53815.14	6.076883	
M2PFTeDA-EIS	12834.96	9.9252	22377.42	9.925183	
M2-8-2FTS-EIS	23916.81	8.446283	40230.26	8.455533	
M2-6-2FTS-EIS	15709.97	7.276183	24340.85	7.304683	
M2-4-2FTS-EIS	27498.12	5.7669	44421.21	5.7484	
d9-NEtFOSE-EIS	1119.91	10.14005	9606.624	10.14925	*
d7-NMeFOSE-EIS	1492.49	9.90085	11716.55	9.910067	*
d5-NEtFOSA-EIS	400.4636	10.16158	1771.381	10.17078	*
d5-N-EtFOSAA-EIS	21901.85	8.88115	36434.63	8.881133	
d3-NMeFOSA-EIS	241.2619	9.904516	2320.219	9.904516	*
d3-N-MeFOSAA-EIS	23512.96	8.6581	38906.23	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7C Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-23	File ID:	QQQ23036.d
Sampled:	12/28/22 15:01	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 20:16
Solids:	78.76	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.253	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.253	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.253	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.253	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.253	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.253	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.253	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.253	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.253	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.253	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.253	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.253	U	
2355-31-9	N-MeFOSAA	1	0.253	U	
2991-50-6	N-EtFOSAA	1	0.253	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.507	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.253	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.253	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.253	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.01	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.01	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.01	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.507	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.507	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.507	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.507	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.253	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.01	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.01	U	
763051-92-9	11CL-PF3OUdS	1	1.01	U	
756426-58-1	9CL-PF3ONS	1	1.01	U	
919005-14-4	ADONA	1	1.01	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.253	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.253	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.27	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.34	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.34	U	UJ
24448-09-7	N-MeFOSE	1	2.53	U	UJ
31506-32-8	N-MeFOSA	1	0.253	U	UJ
1691-99-2	N-EtFOSE	1	2.53	U	UJ
4151-50-2	N-EtFOSA	1	0.253	U	UJ

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7C Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-23	File ID:	QQQ23036.d
Sampled:	12/28/22 15:01	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 20:16
Solids:	78.76	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.95	2.06	69.8	25 - 150	
M5PFHxA	3.17	2.21	69.6	25 - 150	
M4PFHpA	3.17	2.19	69.1	25 - 150	
M3PFHxS	3.00	2.25	75.0	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.17	1.78	56.2	25 - 150	
M6PFDA	1.58	1.09	68.8	25 - 150	
M7PFUdA	1.58	0.878	55.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.58	0.832	52.5	25 - 150	
M2PFTeDA	1.58	0.626	39.5	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	10.6	83.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.03	2.19	72.3	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.34	5.01	79.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.17	0.210	6.64	10 - 150	*
d3-N-MeFOSAA	6.34	3.38	53.4	25 - 150	
d5-N-EtFOSAA	6.34	3.43	54.1	25 - 150	
M2-6:2 FTS	6.03	3.06	50.8	25 - 200	
M2-8:2 FTS	6.08	3.61	59.3	25 - 200	
M9PFNA	1.58	1.03	64.7	25 - 150	
M2-4:2 FTS	5.94	3.31	55.8	25 - 150	
d-N-MeFOSA	3.17	0.231	7.29	25 - 150	*
d-N-EtFOSA	3.17	1.18	37.2	25 - 150	
M3HFPO-DA	12.7	8.75	69.0	25 - 150	
d9-N-EtFOSE	31.7	2.23	7.04	25 - 150	*
d7-N-MeFOSE	31.7	2.18	6.88	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	52529.9	1.05105	56372.68	1.05105	
MPFDA	18981.98	8.466066	20500.25	8.475333	
MPFHxA	69606.27	5.80595	71658.98	5.80595	
MPFHxS	4327.153	6.73895	4675.073	6.7574	
MPFNA	23616.03	7.937716	24983.01	7.9566	
MPFOA	61164.59	7.324934	67468.43	7.343467	
MPFOS	10933.28	7.983	11489.4	7.9925	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3607.662	7.937333	6438.085	7.956234	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	27905.3	7.324533	49637.13	7.343067	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	98680.57	4.099583	150779.5	4.072017	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	138018	1.04875	192531.1	1.04875	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	21675.58	9.298384	42162.53	9.289117	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3279.6	7.98245	5413.143	7.991967	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1044.965	9.0819	20658.15	9.0819	*
M7PFUdA-EIS	22702.23	8.9099	45808.16	8.909917	
M6PFDA-EIS	15122.04	8.4749	26166.57	8.4749	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

SB-7C Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-23	File ID:	QQQ23036.d
Sampled:	12/28/22 15:01	Prepared:	01/05/23 13:18	Analyzed:	01/11/23 20:16
Solids:	78.76	Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	56022.27	5.804934	93812.65	5.804934	
M4PFHpA-EIS	13378	6.628733	22939.98	6.637983	
M3PFHxS-EIS	7532.764	6.7396	13353.91	6.758067	
M3PFBS-EIS	11373.78	4.947033	21047.27	4.9378	
M3-HFPO-DA-EIS	38235.91	6.076883	53815.14	6.076883	
M2PFTeDA-EIS	10360.79	9.934517	22377.42	9.925183	
M2-8-2FTS-EIS	21304.76	8.446267	40230.26	8.455533	
M2-6-2FTS-EIS	13174.47	7.276166	24340.85	7.304683	
M2-4-2FTS-EIS	21805.8	5.73915	44421.21	5.7484	
d9-NEtFOSE-EIS	642.296	10.15902	9606.624	10.14925	*
d7-NMeFOSE-EIS	807.7155	9.9193	11716.55	9.910067	*
d5-NEtFOSA-EIS	279.3824	10.17078	1771.381	10.17078	*
d5-N-EtFOSAA-EIS	17718.03	8.881117	36434.63	8.881133	
d3-NMeFOSA-EIS	181.7858	9.913733	2320.219	9.904516	*
d3-N-MeFOSAA-EIS	19851.61	8.66735	38906.23	8.66735	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	22L1392-25	File ID:	QQQ22931.d
Sampled:	12/28/22 17:35	Prepared:	01/05/23 09:41	Analyzed:	01/09/23 16:16
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	285.32 mL / 5 mL
Batch:	BA30171	Sequence:	S3A1013	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.75	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	1.75	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.75	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.75	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	1.75	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.75	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	1.75	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.75	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.75	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.75	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.75	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.75	U	
2355-31-9	N-MeFOSAA	1	1.75	U	
2991-50-6	N-EtFOSAA	1	1.75	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	3.50	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.75	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.75	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.75	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.01	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.01	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.488	J	J
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.50	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.50	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.50	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.50	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.75	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.01	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.01	U	
763051-92-9	11CL-PF3OUdS	1	7.01	U	
756426-58-1	9CL-PF3ONS	1	7.01	U	
919005-14-4	ADONA	1	7.01	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.75	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.75	U	UJ
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.38	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	21.9	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	21.9	U	UJ
24448-09-7	N-MeFOSE	1	17.5	U	
31506-32-8	N-MeFOSA	1	1.75	U	
1691-99-2	N-EtFOSE	1	17.5	U	
4151-50-2	N-EtFOSA	1	0.175	U	

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	22L1392-25	File ID:	QQQ22931.d
Sampled:	12/28/22 17:35	Prepared:	01/05/23 09:41	Analyzed:	01/09/23 16:16
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	285.32 mL / 5 mL
Batch:	BA30171	Sequence:	S3A1013	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	40.8	49.6	122	25 - 150	
M5PFHxA	43.8	51.7	118	25 - 150	
M4PFHpA	43.8	49.6	113	25 - 150	
M3PFHxS	41.5	55.4	133	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	43.8	48.9	112	25 - 150	
M6PFDA	21.9	23.8	109	25 - 150	
M7PFUdA	21.9	21.1	96.5	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	21.9	16.6	75.9	25 - 150	
M2PFTeDA	21.9	7.23	33.0	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	175	15.5	8.82	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	42.0	51.2	122	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	87.6	95.3	109	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	43.8	55.8	127	10 - 150	
d3-N-MeFOSAA	87.6	79.6	90.9	25 - 150	
d5-N-EtFOSAA	87.6	74.7	85.2	25 - 150	
M2-6:2 FTS	83.3	76.5	91.8	25 - 200	
M2-8:2 FTS	84.1	77.3	91.9	25 - 200	
M9PFNA	21.9	28.5	130	25 - 150	
M2-4:2 FTS	82.2	62.4	76.0	25 - 150	
d-N-MeFOSA	43.8	39.7	90.7	25 - 150	
d-N-EtFOSA	43.8	43.2	98.7	25 - 150	
M3HFPO-DA	175	177	101	25 - 150	
d9-N-EtFOSE	438	132	30.1	25 - 150	
d7-N-MeFOSE	438	186	42.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	50131.63	1.087767	64089.54	1.087767	
MPFDA	20077.7	8.345616	24397.61	8.447534	
MPFHxA	69774.52	5.778217	83414.38	5.778217	
MPFHxS	4629.688	6.654567	5467.455	6.710484	
MPFNA	22425.89	7.82635	26991.06	7.909867	
MPFOA	57456.68	7.222133	73555.73	7.296717	
MPFOS	10735.93	7.862333	12432.56	7.945867	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6889.313	7.825967	8110.27	7.909483	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	52091.88	7.221633	62598.03	7.296283	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	136214.5	4.14555	183864.3	4.099583	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	13869.41	1.085467	238063.3	1.085467	*
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	33133.95	9.187183	55169.5	9.261316	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	5431.69	7.86195	6124.773	7.945317	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	19662.25	8.97055	21365.12	9.04465	
M7PFUdA-EIS	41688.34	8.788417	53123.13	8.882067	
M6PFDA-EIS	25315.74	8.345183	32046.19	8.43785	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	22L1392-25	File ID:	QQQ22931.d
Sampled:	12/28/22 17:35	Prepared:	01/05/23 09:41	Analyzed:	01/09/23 16:16
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	285.32 mL / 5 mL
Batch:	BA30171	Sequence:	S3A1013	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	95135.83	5.786433	112127	5.777184	
M4PFHpA-EIS	21989.41	6.554317	26485.93	6.60095	
M3PFHxS-EIS	14272.95	6.65505	16074.52	6.701783	
M3PFBS-EIS	21201.88	4.947033	24545.78	4.918684	
M3-HFPO-DA-EIS	55996.39	6.039933	73496.59	6.049167	
M2PFTeDA-EIS	9149.379	9.879033	29434.57	9.906716	
M2-8-2FTS-EIS	35314.57	8.325817	40987.11	8.418467	
M2-6-2FTS-EIS	25477.47	7.18365	28872.59	7.248417	
M2-4-2FTS-EIS	31769.55	5.720667	51537.29	5.7114	
d9-NEtFOSE-EIS	2696.061	10.11238	12266.72	10.11238	*
d7-NMeFOSE-EIS	4854.361	9.845467	15316.26	9.863916	
d5-NEtFOSA-EIS	1494.948	10.12513	2794.597	10.12512	
d5-N-EtFOSAA-EIS	27392.46	8.759216	39180.82	8.853283	
d3-NMeFOSA-EIS	2204.008	9.839916	3178.376	9.8676	
d3-N-MeFOSAA-EIS	33179.76	8.5376	45330.16	8.63955	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: PEST

METHOD: EPA 8081B

DATA PACKAGE COVER PAGE

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/11/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID: P60035472.D

Sampled: 12/28/22 08:30 Prepared: 12/31/22 09:07 Analyzed: 01/04/23 23:13

Solids: 95.08 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BL21786 Sequence: S3A0528 Calibration: SA30006 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00173	U
72-55-9	4,4'-DDE	5	0.00173	U
50-29-3	4,4'-DDT	5	0.00173	U
309-00-2	Aldrin	5	0.00173	U
319-84-6	alpha-BHC	5	0.00173	U
5103-71-9	alpha-Chlordane	5	0.00173	U
319-85-7	beta-BHC	5	0.00173	U
319-86-8	delta-BHC	5	0.00173	U
60-57-1	Dieldrin	5	0.00173	U
959-98-8	Endosulfan I	5	0.00173	U
33213-65-9	Endosulfan II	5	0.00173	U
1031-07-8	Endosulfan sulfate	5	0.00173	U
72-20-8	Endrin	5	0.00173	U
7421-93-4	Endrin aldehyde	5	0.00173	U
53494-70-5	Endrin ketone	5	0.00173	U
58-89-9	gamma-BHC (Lindane)	5	0.00173	U
5566-34-7	gamma-Chlordane	5	0.00173	U
76-44-8	Heptachlor	5	0.00173	U
1024-57-3	Heptachlor epoxide	5	0.00173	U
72-43-5	Methoxychlor	5	0.00173	U
8001-35-2	Toxaphene	5	0.173	U
57-74-9	Chlordane, total	5	0.0346	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0699	0.0568	81.3	30 - 150	
Tetrachloro-m-xylene	0.0699	0.0393	56.3	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-1B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-02	File ID:	P60035473.D
Sampled:	12/28/22 09:00	Prepared:	12/31/22 09:07	Analyzed:	01/04/23 23:31
Solids:	79.27	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00207	U
72-55-9	4,4'-DDE	5	0.00207	U
50-29-3	4,4'-DDT	5	0.00207	U
309-00-2	Aldrin	5	0.00207	U
319-84-6	alpha-BHC	5	0.00207	U
5103-71-9	alpha-Chlordane	5	0.00207	U
319-85-7	beta-BHC	5	0.00207	U
319-86-8	delta-BHC	5	0.00207	U
60-57-1	Dieldrin	5	0.00207	U
959-98-8	Endosulfan I	5	0.00207	U
33213-65-9	Endosulfan II	5	0.00207	U
1031-07-8	Endosulfan sulfate	5	0.00207	U
72-20-8	Endrin	5	0.00207	U
7421-93-4	Endrin aldehyde	5	0.00207	U
53494-70-5	Endrin ketone	5	0.00207	U
58-89-9	gamma-BHC (Lindane)	5	0.00207	U
5566-34-7	gamma-Chlordane	5	0.00207	U
76-44-8	Heptachlor	5	0.00207	U
1024-57-3	Heptachlor epoxide	5	0.00207	U
72-43-5	Methoxychlor	5	0.00207	U
8001-35-2	Toxaphene	5	0.207	U
57-74-9	Chlordane, total	5	0.0415	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0838	0.0810	96.6	30 - 150	
Tetrachloro-m-xylene	0.0838	0.0919	110	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-1C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-03	File ID:	P60035474.D
Sampled:	12/28/22 09:15	Prepared:	12/31/22 09:07	Analyzed:	01/04/23 23:49
Solids:	67.98	Preparation:	EPA 3550C	Initial/Final:	30.2 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00241	U
72-55-9	4,4'-DDE	5	0.00241	U
50-29-3	4,4'-DDT	5	0.00241	U
309-00-2	Aldrin	5	0.00241	U
319-84-6	alpha-BHC	5	0.00241	U
5103-71-9	alpha-Chlordane	5	0.00241	U
319-85-7	beta-BHC	5	0.00241	U
319-86-8	delta-BHC	5	0.00241	U
60-57-1	Dieldrin	5	0.00241	U
959-98-8	Endosulfan I	5	0.00241	U
33213-65-9	Endosulfan II	5	0.00241	U
1031-07-8	Endosulfan sulfate	5	0.00241	U
72-20-8	Endrin	5	0.00241	U
7421-93-4	Endrin aldehyde	5	0.00241	U
53494-70-5	Endrin ketone	5	0.00241	U
58-89-9	gamma-BHC (Lindane)	5	0.00241	U
5566-34-7	gamma-Chlordane	5	0.00241	U
76-44-8	Heptachlor	5	0.00241	U
1024-57-3	Heptachlor epoxide	5	0.00241	U
72-43-5	Methoxychlor	5	0.00241	U
8001-35-2	Toxaphene	5	0.241	U
57-74-9	Chlordane, total	5	0.0482	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0974	0.0886	91.0	30 - 150	
Tetrachloro-m-xylene	0.0974	0.108	111	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: P60035475.D

Sampled: 12/28/22 10:30 Prepared: 12/31/22 09:07 Analyzed: 01/05/23 00:07

Solids: 93.65 Preparation: EPA 3550C Initial/Final: 30.2 g / 10 mL

Batch: BL21786 Sequence: S3A0528 Calibration: SA30006 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00175	U
72-55-9	4,4'-DDE	5	0.00278	D
50-29-3	4,4'-DDT	5	0.00175	U
309-00-2	Aldrin	5	0.00175	U
319-84-6	alpha-BHC	5	0.00175	U
5103-71-9	alpha-Chlordane	5	0.00175	U
319-85-7	beta-BHC	5	0.00175	U
319-86-8	delta-BHC	5	0.00175	U
60-57-1	Dieldrin	5	0.00175	U
959-98-8	Endosulfan I	5	0.00175	U
33213-65-9	Endosulfan II	5	0.00175	U
1031-07-8	Endosulfan sulfate	5	0.00175	U
72-20-8	Endrin	5	0.00175	U
7421-93-4	Endrin aldehyde	5	0.00175	U
53494-70-5	Endrin ketone	5	0.00175	U
58-89-9	gamma-BHC (Lindane)	5	0.00175	U
5566-34-7	gamma-Chlordane	5	0.00175	U
76-44-8	Heptachlor	5	0.00175	U
1024-57-3	Heptachlor epoxide	5	0.00175	U
72-43-5	Methoxychlor	5	0.00175	U
8001-35-2	Toxaphene	5	0.175	U
57-74-9	Chlordane, total	5	0.0350	U

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SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0707	0.0379	53.6	30 - 150	
Tetrachloro-m-xylene	0.0707	0.0390	55.2	30 - 150	

* Values outside of QC limits

MKP 3/28/2023

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ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-2B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-05	File ID:	P60035476.D
Sampled:	12/28/22 10:47	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 00:25
Solids:	77.51	Preparation:	EPA 3550C	Initial/Final:	30.2 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00211	U
72-55-9	4,4'-DDE	5	0.00211	U
50-29-3	4,4'-DDT	5	0.00211	U
309-00-2	Aldrin	5	0.00211	U
319-84-6	alpha-BHC	5	0.00211	U
5103-71-9	alpha-Chlordane	5	0.00211	U
319-85-7	beta-BHC	5	0.00211	U
319-86-8	delta-BHC	5	0.00211	U
60-57-1	Dieldrin	5	0.00211	U
959-98-8	Endosulfan I	5	0.00211	U
33213-65-9	Endosulfan II	5	0.00211	U
1031-07-8	Endosulfan sulfate	5	0.00211	U
72-20-8	Endrin	5	0.00211	U
7421-93-4	Endrin aldehyde	5	0.00211	U
53494-70-5	Endrin ketone	5	0.00211	U
58-89-9	gamma-BHC (Lindane)	5	0.00211	U
5566-34-7	gamma-Chlordane	5	0.00211	U
76-44-8	Heptachlor	5	0.00211	U
1024-57-3	Heptachlor epoxide	5	0.00211	U
72-43-5	Methoxychlor	5	0.00211	U
8001-35-2	Toxaphene	5	0.211	U
57-74-9	Chlordane, total	5	0.0423	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0854	0.103	121	30 - 150	
Tetrachloro-m-xylene	0.0854	0.0968	113	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID: P60035477.D

Sampled: 12/28/22 11:15 Prepared: 12/31/22 09:07 Analyzed: 01/05/23 00:43

Solids: 78.37 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BL21786 Sequence: S3A0528 Calibration: SA30006 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00210	U
72-55-9	4,4'-DDE	5	0.00210	U
50-29-3	4,4'-DDT	5	0.00210	U
309-00-2	Aldrin	5	0.00210	U
319-84-6	alpha-BHC	5	0.00210	U
5103-71-9	alpha-Chlordane	5	0.00210	U
319-85-7	beta-BHC	5	0.00210	U
319-86-8	delta-BHC	5	0.00210	U
60-57-1	Dieldrin	5	0.00210	U
959-98-8	Endosulfan I	5	0.00210	U
33213-65-9	Endosulfan II	5	0.00210	U
1031-07-8	Endosulfan sulfate	5	0.00210	U
72-20-8	Endrin	5	0.00210	U
7421-93-4	Endrin aldehyde	5	0.00210	U
53494-70-5	Endrin ketone	5	0.00210	U
58-89-9	gamma-BHC (Lindane)	5	0.00210	U
5566-34-7	gamma-Chlordane	5	0.00210	U
76-44-8	Heptachlor	5	0.00210	U
1024-57-3	Heptachlor epoxide	5	0.00210	U
72-43-5	Methoxychlor	5	0.00210	U
8001-35-2	Toxaphene	5	0.210	U
57-74-9	Chlordane, total	5	0.0420	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0848	0.0789	93.1	30 - 150	
Tetrachloro-m-xylene	0.0848	0.0760	89.6	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID: P60035478.D

Sampled: 12/28/22 12:05 Prepared: 12/31/22 09:07 Analyzed: 01/05/23 01:01

Solids: 89.09 Preparation: EPA 3550C Initial/Final: 30.7 g / 10 mL

Batch: BL21786 Sequence: S3A0528 Calibration: SA30006 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00181	U
72-55-9	4,4'-DDE	5	0.00181	U
50-29-3	4,4'-DDT	5	0.00181	U
309-00-2	Aldrin	5	0.00181	U
319-84-6	alpha-BHC	5	0.00181	U
5103-71-9	alpha-Chlordane	5	0.00181	U
319-85-7	beta-BHC	5	0.00181	U
319-86-8	delta-BHC	5	0.00181	U
60-57-1	Dieldrin	5	0.00181	U
959-98-8	Endosulfan I	5	0.00181	U
33213-65-9	Endosulfan II	5	0.00181	U
1031-07-8	Endosulfan sulfate	5	0.00181	U
72-20-8	Endrin	5	0.00181	U
7421-93-4	Endrin aldehyde	5	0.00181	U
53494-70-5	Endrin ketone	5	0.00181	U
58-89-9	gamma-BHC (Lindane)	5	0.00181	U
5566-34-7	gamma-Chlordane	5	0.00181	U
76-44-8	Heptachlor	5	0.00181	U
1024-57-3	Heptachlor epoxide	5	0.00181	U
72-43-5	Methoxychlor	5	0.00181	U
8001-35-2	Toxaphene	5	0.181	U
57-74-9	Chlordane, total	5	0.0362	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0731	0.0711	97.2	30 - 150	
Tetrachloro-m-xylene	0.0731	0.0695	95.1	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-3B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-08	File ID:	P60035479.D
Sampled:	12/28/22 12:35	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 01:19
Solids:	77.69	Preparation:	EPA 3550C	Initial/Final:	30.6 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00208	U
72-55-9	4,4'-DDE	5	0.00293	D
50-29-3	4,4'-DDT	5	0.00208	U
309-00-2	Aldrin	5	0.00208	U
319-84-6	alpha-BHC	5	0.00208	U
5103-71-9	alpha-Chlordane	5	0.00208	U
319-85-7	beta-BHC	5	0.00208	U
319-86-8	delta-BHC	5	0.00208	U
60-57-1	Dieldrin	5	0.00208	U
959-98-8	Endosulfan I	5	0.00208	U
33213-65-9	Endosulfan II	5	0.00208	U
1031-07-8	Endosulfan sulfate	5	0.00208	U
72-20-8	Endrin	5	0.00208	U
7421-93-4	Endrin aldehyde	5	0.00208	U
53494-70-5	Endrin ketone	5	0.00208	U
58-89-9	gamma-BHC (Lindane)	5	0.00208	U
5566-34-7	gamma-Chlordane	5	0.00208	U
76-44-8	Heptachlor	5	0.00208	U
1024-57-3	Heptachlor epoxide	5	0.00208	U
72-43-5	Methoxychlor	5	0.00208	U
8001-35-2	Toxaphene	5	0.208	U
57-74-9	Chlordane, total	5	0.0416	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0841	0.0757	90.0	30 - 150	
Tetrachloro-m-xylene	0.0841	0.0703	83.5	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-3C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-09	File ID:	P60035482.D
Sampled:	12/28/22 12:59	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 02:14
Solids:	76.15	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00213	U
72-55-9	4,4'-DDE	5	0.00213	U
50-29-3	4,4'-DDT	5	0.00213	U
309-00-2	Aldrin	5	0.00213	U
319-84-6	alpha-BHC	5	0.00213	U
5103-71-9	alpha-Chlordane	5	0.00213	U
319-85-7	beta-BHC	5	0.00213	U
319-86-8	delta-BHC	5	0.00213	U
60-57-1	Dieldrin	5	0.00213	U
959-98-8	Endosulfan I	5	0.00213	U
33213-65-9	Endosulfan II	5	0.00213	U
1031-07-8	Endosulfan sulfate	5	0.00213	U
72-20-8	Endrin	5	0.00213	U
7421-93-4	Endrin aldehyde	5	0.00213	U
53494-70-5	Endrin ketone	5	0.00213	U
58-89-9	gamma-BHC (Lindane)	5	0.00213	U
5566-34-7	gamma-Chlordane	5	0.00213	U
76-44-8	Heptachlor	5	0.00213	U
1024-57-3	Heptachlor epoxide	5	0.00213	U
72-43-5	Methoxychlor	5	0.00213	U
8001-35-2	Toxaphene	5	0.213	U
57-74-9	Chlordane, total	5	0.0426	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0861	0.0764	88.7	30 - 150	
Tetrachloro-m-xylene	0.0861	0.0827	96.1	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID: P60035483.D

Sampled: 12/28/22 13:20 Prepared: 12/31/22 09:07 Analyzed: 01/05/23 02:32

Solids: 87.86 Preparation: EPA 3550C Initial/Final: 30.8 g / 10 mL

Batch: BL21786 Sequence: S3A0528 Calibration: SA30006 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00183	U
72-55-9	4,4'-DDE	5	0.00183	U
50-29-3	4,4'-DDT	5	0.00183	U
309-00-2	Aldrin	5	0.00183	U
319-84-6	alpha-BHC	5	0.00183	U
5103-71-9	alpha-Chlordane	5	0.00183	U
319-85-7	beta-BHC	5	0.00183	U
319-86-8	delta-BHC	5	0.00183	U
60-57-1	Dieldrin	5	0.00183	U
959-98-8	Endosulfan I	5	0.00183	U
33213-65-9	Endosulfan II	5	0.00183	U
1031-07-8	Endosulfan sulfate	5	0.00183	U
72-20-8	Endrin	5	0.00183	U
7421-93-4	Endrin aldehyde	5	0.00183	U
53494-70-5	Endrin ketone	5	0.00183	U
58-89-9	gamma-BHC (Lindane)	5	0.00183	U
5566-34-7	gamma-Chlordane	5	0.00183	U
76-44-8	Heptachlor	5	0.00183	U
1024-57-3	Heptachlor epoxide	5	0.00183	U
72-43-5	Methoxychlor	5	0.00183	U
8001-35-2	Toxaphene	5	0.183	U
57-74-9	Chlordane, total	5	0.0366	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0739	0.0453	61.3	30 - 150	
Tetrachloro-m-xylene	0.0739	0.0282	38.1	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-4B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-11	File ID:	P60035484.D
Sampled:	12/28/22 13:29	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 02:50
Solids:	73.33	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00219	U
72-55-9	4,4'-DDE	5	0.00219	U
50-29-3	4,4'-DDT	5	0.00219	U
309-00-2	Aldrin	5	0.00219	U
319-84-6	alpha-BHC	5	0.00219	U
5103-71-9	alpha-Chlordane	5	0.00219	U
319-85-7	beta-BHC	5	0.00219	U
319-86-8	delta-BHC	5	0.00219	U
60-57-1	Dieldrin	5	0.00219	U
959-98-8	Endosulfan I	5	0.00219	U
33213-65-9	Endosulfan II	5	0.00219	U
1031-07-8	Endosulfan sulfate	5	0.00219	U
72-20-8	Endrin	5	0.00219	U
7421-93-4	Endrin aldehyde	5	0.00219	U
53494-70-5	Endrin ketone	5	0.00219	U
58-89-9	gamma-BHC (Lindane)	5	0.00219	U
5566-34-7	gamma-Chlordane	5	0.00219	U
76-44-8	Heptachlor	5	0.00219	U
1024-57-3	Heptachlor epoxide	5	0.00219	U
72-43-5	Methoxychlor	5	0.00219	U
8001-35-2	Toxaphene	5	0.219	U
57-74-9	Chlordane, total	5	0.0438	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0886	0.0785	88.7	30 - 150	
Tetrachloro-m-xylene	0.0886	0.0937	106	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-4C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-12	File ID:	P60035485.D
Sampled:	12/28/22 13:38	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 03:08
Solids:	75.97	Preparation:	EPA 3550C	Initial/Final:	30.6 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00213	U
72-55-9	4,4'-DDE	5	0.00213	U
50-29-3	4,4'-DDT	5	0.00213	U
309-00-2	Aldrin	5	0.00213	U
319-84-6	alpha-BHC	5	0.00213	U
5103-71-9	alpha-Chlordane	5	0.00213	U
319-85-7	beta-BHC	5	0.00213	U
319-86-8	delta-BHC	5	0.00213	U
60-57-1	Dieldrin	5	0.00213	U
959-98-8	Endosulfan I	5	0.00213	U
33213-65-9	Endosulfan II	5	0.00213	U
1031-07-8	Endosulfan sulfate	5	0.00213	U
72-20-8	Endrin	5	0.00213	U
7421-93-4	Endrin aldehyde	5	0.00213	U
53494-70-5	Endrin ketone	5	0.00213	U
58-89-9	gamma-BHC (Lindane)	5	0.00213	U
5566-34-7	gamma-Chlordane	5	0.00213	U
76-44-8	Heptachlor	5	0.00213	U
1024-57-3	Heptachlor epoxide	5	0.00213	U
72-43-5	Methoxychlor	5	0.00213	U
8001-35-2	Toxaphene	5	0.213	U
57-74-9	Chlordane, total	5	0.0426	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0860	0.0794	92.3	30 - 150	
Tetrachloro-m-xylene	0.0860	0.0972	113	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-5A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-13	File ID:	P60035486.D
Sampled:	12/28/22 15:15	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 03:26
Solids:	81.51	Preparation:	EPA 3550C	Initial/Final:	30.9 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00197	U
72-55-9	4,4'-DDE	5	0.00197	U
50-29-3	4,4'-DDT	5	0.00197	U
309-00-2	Aldrin	5	0.00197	U
319-84-6	alpha-BHC	5	0.00197	U
5103-71-9	alpha-Chlordane	5	0.00197	U
319-85-7	beta-BHC	5	0.00197	U
319-86-8	delta-BHC	5	0.00197	U
60-57-1	Dieldrin	5	0.00197	U
959-98-8	Endosulfan I	5	0.00197	U
33213-65-9	Endosulfan II	5	0.00197	U
1031-07-8	Endosulfan sulfate	5	0.00197	U
72-20-8	Endrin	5	0.00197	U
7421-93-4	Endrin aldehyde	5	0.00197	U
53494-70-5	Endrin ketone	5	0.00197	U
58-89-9	gamma-BHC (Lindane)	5	0.00197	U
5566-34-7	gamma-Chlordane	5	0.00197	U
76-44-8	Heptachlor	5	0.00197	U
1024-57-3	Heptachlor epoxide	5	0.00197	U
72-43-5	Methoxychlor	5	0.00197	U
8001-35-2	Toxaphene	5	0.197	U
57-74-9	Chlordane, total	5	0.0393	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0794	0.0573	72.2	30 - 150	
Tetrachloro-m-xylene	0.0794	0.0189	23.9	30 - 150	*

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-5B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-14	File ID:	P60035487.D
Sampled:	12/28/22 15:29	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 03:44
Solids:	87.80	Preparation:	EPA 3550C	Initial/Final:	30.7 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00184	U
72-55-9	4,4'-DDE	5	0.00184	U
50-29-3	4,4'-DDT	5	0.00184	U
309-00-2	Aldrin	5	0.00184	U
319-84-6	alpha-BHC	5	0.00184	U
5103-71-9	alpha-Chlordane	5	0.00184	U
319-85-7	beta-BHC	5	0.00184	U
319-86-8	delta-BHC	5	0.00184	U
60-57-1	Dieldrin	5	0.00184	U
959-98-8	Endosulfan I	5	0.00184	U
33213-65-9	Endosulfan II	5	0.00184	U
1031-07-8	Endosulfan sulfate	5	0.00184	U
72-20-8	Endrin	5	0.00184	U
7421-93-4	Endrin aldehyde	5	0.00184	U
53494-70-5	Endrin ketone	5	0.00184	U
58-89-9	gamma-BHC (Lindane)	5	0.00184	U
5566-34-7	gamma-Chlordane	5	0.00184	U
76-44-8	Heptachlor	5	0.00184	U
1024-57-3	Heptachlor epoxide	5	0.00184	U
72-43-5	Methoxychlor	5	0.00184	U
8001-35-2	Toxaphene	5	0.184	U
57-74-9	Chlordane, total	5	0.0367	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0742	0.0650	87.6	30 - 150	
Tetrachloro-m-xylene	0.0742	0.0698	94.0	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-15 | File ID: P60035488.D

Sampled: 12/28/22 15:43 | Prepared: 12/31/22 09:07 | Analyzed: 01/05/23 04:02

Solids: 80.03 | Preparation: EPA 3550C | Initial/Final: 30.5 g / 10 mL

Batch: BL21786 | Sequence: S3A0528 | Calibration: SA30006 | Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00203	U
72-55-9	4,4'-DDE	5	0.00203	U
50-29-3	4,4'-DDT	5	0.00203	U
309-00-2	Aldrin	5	0.00203	U
319-84-6	alpha-BHC	5	0.00203	U
5103-71-9	alpha-Chlordane	5	0.00203	U
319-85-7	beta-BHC	5	0.00203	U
319-86-8	delta-BHC	5	0.00203	U
60-57-1	Dieldrin	5	0.00203	U
959-98-8	Endosulfan I	5	0.00203	U
33213-65-9	Endosulfan II	5	0.00203	U
1031-07-8	Endosulfan sulfate	5	0.00203	U
72-20-8	Endrin	5	0.00203	U
7421-93-4	Endrin aldehyde	5	0.00203	U
53494-70-5	Endrin ketone	5	0.00203	U
58-89-9	gamma-BHC (Lindane)	5	0.00203	U
5566-34-7	gamma-Chlordane	5	0.00203	U
76-44-8	Heptachlor	5	0.00203	U
1024-57-3	Heptachlor epoxide	5	0.00203	U
72-43-5	Methoxychlor	5	0.00203	U
8001-35-2	Toxaphene	5	0.203	U
57-74-9	Chlordane, total	5	0.0406	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0819	0.0704	85.9	30 - 150	
Tetrachloro-m-xylene	0.0819	0.0884	108	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-5D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-16	File ID:	P60035489.D
Sampled:	12/28/22 15:59	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 04:20
Solids:	75.26	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BL21786	Sequence:	S3A0528	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00214	U
72-55-9	4,4'-DDE	5	0.00214	U
50-29-3	4,4'-DDT	5	0.00214	U
309-00-2	Aldrin	5	0.00214	U
319-84-6	alpha-BHC	5	0.00214	U
5103-71-9	alpha-Chlordane	5	0.00214	U
319-85-7	beta-BHC	5	0.00214	U
319-86-8	delta-BHC	5	0.00214	U
60-57-1	Dieldrin	5	0.00214	U
959-98-8	Endosulfan I	5	0.00214	U
33213-65-9	Endosulfan II	5	0.00214	U
1031-07-8	Endosulfan sulfate	5	0.00214	U
72-20-8	Endrin	5	0.00214	U
7421-93-4	Endrin aldehyde	5	0.00214	U
53494-70-5	Endrin ketone	5	0.00214	U
58-89-9	gamma-BHC (Lindane)	5	0.00214	U
5566-34-7	gamma-Chlordane	5	0.00214	U
76-44-8	Heptachlor	5	0.00214	U
1024-57-3	Heptachlor epoxide	5	0.00214	U
72-43-5	Methoxychlor	5	0.00214	U
8001-35-2	Toxaphene	5	0.214	U
57-74-9	Chlordane, total	5	0.0427	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0863	0.0744	86.2	30 - 150	
Tetrachloro-m-xylene	0.0863	0.0829	96.1	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-6A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-17	File ID:	P60035533.D
Sampled:	12/28/22 16:25	Prepared:	12/30/22 08:04	Analyzed:	01/05/23 21:58
Solids:	89.04	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BL21744	Sequence:	S3A0630	Calibration:	SA30006
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00182	U
72-55-9	4,4'-DDE	5	0.00182	U
50-29-3	4,4'-DDT	5	0.00182	U
309-00-2	Aldrin	5	0.00182	U
319-84-6	alpha-BHC	5	0.00182	U
5103-71-9	alpha-Chlordane	5	0.00182	U
319-85-7	beta-BHC	5	0.00182	U
319-86-8	delta-BHC	5	0.00182	U
60-57-1	Dieldrin	5	0.00182	U
959-98-8	Endosulfan I	5	0.00182	U
33213-65-9	Endosulfan II	5	0.00182	U
1031-07-8	Endosulfan sulfate	5	0.00182	U
72-20-8	Endrin	5	0.00182	U
7421-93-4	Endrin aldehyde	5	0.00182	U
53494-70-5	Endrin ketone	5	0.00182	U
58-89-9	gamma-BHC (Lindane)	5	0.00182	U
5566-34-7	gamma-Chlordane	5	0.00182	U
76-44-8	Heptachlor	5	0.00182	U
1024-57-3	Heptachlor epoxide	5	0.00182	U
72-43-5	Methoxychlor	5	0.00182	U
8001-35-2	Toxaphene	5	0.182	U
57-74-9	Chlordane, total	5	0.0365	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0736	0.0387	52.5	30 - 150	
Tetrachloro-m-xylene	0.0736	0.0353	47.9	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID: P60035536.D

Sampled: 12/28/22 16:42 Prepared: 12/30/22 08:04 Analyzed: 01/05/23 22:52

Solids: 77.50 Preparation: EPA 3550C Initial/Final: 30.8 g / 10 mL

Batch: BL21744 Sequence: S3A0630 Calibration: SA30006 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
72-54-8	4,4'-DDD	5	0.0101	D	
72-55-9	4,4'-DDE	5	0.00218	D	
50-29-3	4,4'-DDT	5	0.0232	D	
309-00-2	Aldrin	5	0.00207	U	
319-84-6	alpha-BHC	5	0.00207	U	
5103-71-9	alpha-Chlordane	5	0.0116	D	
319-85-7	beta-BHC	5	0.00207	U	
319-86-8	delta-BHC	5	0.00207	U	
60-57-1	Dieldrin	5	0.00207	U	
959-98-8	Endosulfan I	5	0.00207	U	
33213-65-9	Endosulfan II	5	0.00207	U	
1031-07-8	Endosulfan sulfate	5	0.00207	U	
72-20-8	Endrin	5	0.00207	U	
7421-93-4	Endrin aldehyde	5	0.00207	U	
53494-70-5	Endrin ketone	5	0.00207	U	
58-89-9	gamma-BHC (Lindane)	5	0.00207	U	
5566-34-7	gamma-Chlordane	5	0.0115	DP	JN
76-44-8	Heptachlor	5	0.00207	U	
1024-57-3	Heptachlor epoxide	5	0.00207	U	
72-43-5	Methoxychlor	5	0.00207	U	
8001-35-2	Toxaphene	5	0.207	U	
57-74-9	Chlordane, total	5	0.0880	DP	JN

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0838	0.0428	51.1	30 - 150	
Tetrachloro-m-xylene	0.0838	0.0455	54.3	30 - 150	

* Values outside of QC limits

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-6C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-19	File ID:	P60035409.D
Sampled:	12/28/22 16:59	Prepared:	12/30/22 08:04	Analyzed:	01/03/23 21:16
Solids:	69.32	Preparation:	EPA 3550C	Initial/Final:	30.6 g / 10 mL
Batch:	BL21744	Sequence:	S3A0431	Calibration:	SL20047
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00233	U
72-55-9	4,4'-DDE	5	0.00233	U
50-29-3	4,4'-DDT	5	0.00233	U
309-00-2	Aldrin	5	0.00233	U
319-84-6	alpha-BHC	5	0.00233	U
5103-71-9	alpha-Chlordane	5	0.00233	U
319-85-7	beta-BHC	5	0.00233	U
319-86-8	delta-BHC	5	0.00233	U
60-57-1	Dieldrin	5	0.00233	U
959-98-8	Endosulfan I	5	0.00233	U
33213-65-9	Endosulfan II	5	0.00233	U
1031-07-8	Endosulfan sulfate	5	0.00233	U
72-20-8	Endrin	5	0.00233	U
7421-93-4	Endrin aldehyde	5	0.00233	U
53494-70-5	Endrin ketone	5	0.00233	U
58-89-9	gamma-BHC (Lindane)	5	0.00233	U
5566-34-7	gamma-Chlordane	5	0.00233	U
76-44-8	Heptachlor	5	0.00233	U
1024-57-3	Heptachlor epoxide	5	0.00233	U
72-43-5	Methoxychlor	5	0.00233	U
8001-35-2	Toxaphene	5	0.233	U
57-74-9	Chlordane, total	5	0.0467	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0943	0.0820	87.0	30 - 150	
Tetrachloro-m-xylene	0.0943	0.0909	96.4	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-7A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-20	File ID:	P60035410.D
Sampled:	12/28/22 14:14	Prepared:	12/30/22 08:04	Analyzed:	01/03/23 21:34
Solids:	93.73	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BL21744	Sequence:	S3A0431	Calibration:	SL20047
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00173	U
72-55-9	4,4'-DDE	5	0.00173	U
50-29-3	4,4'-DDT	5	0.00173	U
309-00-2	Aldrin	5	0.00173	U
319-84-6	alpha-BHC	5	0.00173	U
5103-71-9	alpha-Chlordane	5	0.00173	U
319-85-7	beta-BHC	5	0.00173	U
319-86-8	delta-BHC	5	0.00173	U
60-57-1	Dieldrin	5	0.00173	U
959-98-8	Endosulfan I	5	0.00173	U
33213-65-9	Endosulfan II	5	0.00173	U
1031-07-8	Endosulfan sulfate	5	0.00173	U
72-20-8	Endrin	5	0.00173	U
7421-93-4	Endrin aldehyde	5	0.00173	U
53494-70-5	Endrin ketone	5	0.00173	U
58-89-9	gamma-BHC (Lindane)	5	0.00173	U
5566-34-7	gamma-Chlordane	5	0.00173	U
76-44-8	Heptachlor	5	0.00173	U
1024-57-3	Heptachlor epoxide	5	0.00173	U
72-43-5	Methoxychlor	5	0.00173	U
8001-35-2	Toxaphene	5	0.173	U
57-74-9	Chlordane, total	5	0.0346	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0700	0.0662	94.7	30 - 150	
Tetrachloro-m-xylene	0.0700	0.0776	111	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID: P60035537.D

Sampled: 12/28/22 14:38 Prepared: 12/30/22 08:04 Analyzed: 01/05/23 23:10

Solids: 70.74 Preparation: EPA 3550C Initial/Final: 30.5 g / 10 mL

Batch: BL21744 Sequence: S3A0630 Calibration: SA30006 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
72-54-8	4,4'-DDD	5	0.0136	D	
72-55-9	4,4'-DDE	5	0.00704	D	
50-29-3	4,4'-DDT	5	0.00229	U	
309-00-2	Aldrin	5	0.00229	U	
319-84-6	alpha-BHC	5	0.00229	U	
5103-71-9	alpha-Chlordane	5	0.0202	D	
319-85-7	beta-BHC	5	0.00229	U	
319-86-8	delta-BHC	5	0.00229	U	
60-57-1	Dieldrin	5	0.00521	D	
959-98-8	Endosulfan I	5	0.00229	U	
33213-65-9	Endosulfan II	5	0.00229	U	
1031-07-8	Endosulfan sulfate	5	0.00229	U	
72-20-8	Endrin	5	0.00229	U	
7421-93-4	Endrin aldehyde	5	0.00229	U	
53494-70-5	Endrin ketone	5	0.00229	U	
58-89-9	gamma-BHC (Lindane)	5	0.00229	U	
5566-34-7	gamma-Chlordane	5	0.0193	DP	JN
76-44-8	Heptachlor	5	0.00679	D	
1024-57-3	Heptachlor epoxide	5	0.00229	U	
72-43-5	Methoxychlor	5	0.00229	U	
8001-35-2	Toxaphene	5	0.229	U	
57-74-9	Chlordane, total	5	0.165	DP	J

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0927	0.0444	47.9	30 - 150	
Tetrachloro-m-xylene	0.0927	0.0552	59.6	30 - 150	

* Values outside of QC limits

MKP 3/28/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-7C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-22	File ID:	P60035411.D
Sampled:	12/28/22 14:59	Prepared:	12/30/22 08:04	Analyzed:	01/03/23 21:52
Solids:	81.55	Preparation:	EPA 3550C	Initial/Final:	30.3 g / 10 mL
Batch:	BL21744	Sequence:	S3A0431	Calibration:	SL20047
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00200	U
72-55-9	4,4'-DDE	5	0.00200	U
50-29-3	4,4'-DDT	5	0.00200	U
309-00-2	Aldrin	5	0.00200	U
319-84-6	alpha-BHC	5	0.00200	U
5103-71-9	alpha-Chlordane	5	0.00200	U
319-85-7	beta-BHC	5	0.00200	U
319-86-8	delta-BHC	5	0.00200	U
60-57-1	Dieldrin	5	0.00200	U
959-98-8	Endosulfan I	5	0.00200	U
33213-65-9	Endosulfan II	5	0.00200	U
1031-07-8	Endosulfan sulfate	5	0.00200	U
72-20-8	Endrin	5	0.00200	U
7421-93-4	Endrin aldehyde	5	0.00200	U
53494-70-5	Endrin ketone	5	0.00200	U
58-89-9	gamma-BHC (Lindane)	5	0.00200	U
5566-34-7	gamma-Chlordane	5	0.00200	U
76-44-8	Heptachlor	5	0.00200	U
1024-57-3	Heptachlor epoxide	5	0.00200	U
72-43-5	Methoxychlor	5	0.00200	U
8001-35-2	Toxaphene	5	0.200	U
57-74-9	Chlordane, total	5	0.0401	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0809	0.0731	90.3	30 - 150	
Tetrachloro-m-xylene	0.0809	0.0699	86.4	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID: P60035412.D

Sampled: 12/28/22 15:01 Prepared: 12/30/22 08:04 Analyzed: 01/03/23 22:10

Solids: 78.76 Preparation: EPA 3550C Initial/Final: 30.8 g / 10 mL

Batch: BL21744 Sequence: S3A0431 Calibration: SL20047 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00204	U
72-55-9	4,4'-DDE	5	0.00204	U
50-29-3	4,4'-DDT	5	0.00204	U
309-00-2	Aldrin	5	0.00204	U
319-84-6	alpha-BHC	5	0.00204	U
5103-71-9	alpha-Chlordane	5	0.00204	U
319-85-7	beta-BHC	5	0.00204	U
319-86-8	delta-BHC	5	0.00204	U
60-57-1	Dieldrin	5	0.00204	U
959-98-8	Endosulfan I	5	0.00204	U
33213-65-9	Endosulfan II	5	0.00204	U
1031-07-8	Endosulfan sulfate	5	0.00204	U
72-20-8	Endrin	5	0.00204	U
7421-93-4	Endrin aldehyde	5	0.00204	U
53494-70-5	Endrin ketone	5	0.00204	U
58-89-9	gamma-BHC (Lindane)	5	0.00204	U
5566-34-7	gamma-Chlordane	5	0.00204	U
76-44-8	Heptachlor	5	0.00204	U
1024-57-3	Heptachlor epoxide	5	0.00204	U
72-43-5	Methoxychlor	5	0.00204	U
8001-35-2	Toxaphene	5	0.204	U
57-74-9	Chlordane, total	5	0.0408	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0824	0.0843	102	30 - 150	
Tetrachloro-m-xylene	0.0824	0.0785	95.2	30 - 150	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: ARO

METHOD: EPA 8082A

DATA PACKAGE COVER PAGE

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
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SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/11/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-01 | File ID: P1113528.D

Sampled: 12/28/22 08:30 | Prepared: 12/31/22 09:07 | Analyzed: 01/05/23 01:28

Solids: 95.08 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 10 mL

Batch: BL21786 | Sequence: S3A0517 | Calibration: SL20043 | Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0175	U
11104-28-2	Aroclor 1221	1	0.0175	U
11141-16-5	Aroclor 1232	1	0.0175	U
53469-21-9	Aroclor 1242	1	0.0175	U
12672-29-6	Aroclor 1248	1	0.0175	U
11097-69-1	Aroclor 1254	1	0.0175	U
11096-82-5	Aroclor 1260	1	0.0175	U
37324-23-5	Aroclor 1262	1	0.0175	U
11100-14-4	Aroclor 1268	1	0.0175	U
1336-36-3	Total PCBs	1	0.0175	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0699	0.0573	82.0	30 - 120	
Decachlorobiphenyl	0.0699	0.0542	77.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-1B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-02	File ID:	P1113529.D
Sampled:	12/28/22 09:00	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 01:42
Solids:	79.27	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0209	U
11104-28-2	Aroclor 1221	1	0.0209	U
11141-16-5	Aroclor 1232	1	0.0209	U
53469-21-9	Aroclor 1242	1	0.0209	U
12672-29-6	Aroclor 1248	1	0.0209	U
11097-69-1	Aroclor 1254	1	0.0209	U
11096-82-5	Aroclor 1260	1	0.0209	U
37324-23-5	Aroclor 1262	1	0.0209	U
11100-14-4	Aroclor 1268	1	0.0209	U
1336-36-3	Total PCBs	1	0.0209	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0838	0.0775	92.5	30 - 120	
Decachlorobiphenyl	0.0838	0.0767	91.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-03 | File ID: P1113530.D

Sampled: 12/28/22 09:15 | Prepared: 12/31/22 09:07 | Analyzed: 01/05/23 01:55

Solids: 67.98 | Preparation: EPA 3550C | Initial/Final: 30.2 g / 10 mL

Batch: BL21786 | Sequence: S3A0517 | Calibration: SL20043 | Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0243	U
11104-28-2	Aroclor 1221	1	0.0243	U
11141-16-5	Aroclor 1232	1	0.0243	U
53469-21-9	Aroclor 1242	1	0.0243	U
12672-29-6	Aroclor 1248	1	0.0243	U
11097-69-1	Aroclor 1254	1	0.0243	U
11096-82-5	Aroclor 1260	1	0.0243	U
37324-23-5	Aroclor 1262	1	0.0243	U
11100-14-4	Aroclor 1268	1	0.0243	U
1336-36-3	Total PCBs	1	0.0243	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0974	0.0852	87.5	30 - 120	
Decachlorobiphenyl	0.0974	0.0838	86.0	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: P1113531.D

Sampled: 12/28/22 10:30 Prepared: 12/31/22 09:07 Analyzed: 01/05/23 02:09

Solids: 93.65 Preparation: EPA 3550C Initial/Final: 30.2 g / 10 mL

Batch: BL21786 Sequence: S3A0517 Calibration: SL20043 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0177	U
11104-28-2	Aroclor 1221	1	0.0177	U
11141-16-5	Aroclor 1232	1	0.0177	U
53469-21-9	Aroclor 1242	1	0.283	J
12672-29-6	Aroclor 1248	1	0.0177	U
11097-69-1	Aroclor 1254	1	0.0177	U
11096-82-5	Aroclor 1260	1	0.0979	J
37324-23-5	Aroclor 1262	1	0.0177	U
11100-14-4	Aroclor 1268	1	0.0177	U
1336-36-3	Total PCBs	1	0.381	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0707	0.0435	61.5	30 - 120	
Decachlorobiphenyl	0.0707	0.0421	59.5	30 - 120	

* Values outside of QC limits

MKP 3/28/2023

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID: P1113532.D

Sampled: 12/28/22 10:47 Prepared: 12/31/22 09:07 Analyzed: 01/05/23 02:23

Solids: 77.51 Preparation: EPA 3550C Initial/Final: 30.2 g / 10 mL

Batch: BL21786 Sequence: S3A0517 Calibration: SL20043 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0214	U
11104-28-2	Aroclor 1221	1	0.0214	U
11141-16-5	Aroclor 1232	1	0.0214	U
53469-21-9	Aroclor 1242	1	0.0214	U
12672-29-6	Aroclor 1248	1	0.0214	U
11097-69-1	Aroclor 1254	1	0.0214	U
11096-82-5	Aroclor 1260	1	0.0214	U
37324-23-5	Aroclor 1262	1	0.0214	U
11100-14-4	Aroclor 1268	1	0.0214	U
1336-36-3	Total PCBs	1	0.0214	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0854	0.0743	87.0	30 - 120	
Decachlorobiphenyl	0.0854	0.103	120	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-2C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-06	File ID:	P1113533.D
Sampled:	12/28/22 11:15	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 02:36
Solids:	78.37	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0212	U
11104-28-2	Aroclor 1221	1	0.0212	U
11141-16-5	Aroclor 1232	1	0.0212	U
53469-21-9	Aroclor 1242	1	0.0212	U
12672-29-6	Aroclor 1248	1	0.0212	U
11097-69-1	Aroclor 1254	1	0.0212	U
11096-82-5	Aroclor 1260	1	0.0212	U
37324-23-5	Aroclor 1262	1	0.0212	U
11100-14-4	Aroclor 1268	1	0.0212	U
1336-36-3	Total PCBs	1	0.0212	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0848	0.0755	89.0	30 - 120	
Decachlorobiphenyl	0.0848	0.0699	82.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-3A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-07	File ID:	P1113534.D
Sampled:	12/28/22 12:05	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 02:50
Solids:	89.09	Preparation:	EPA 3550C	Initial/Final:	30.7 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0183	U
11104-28-2	Aroclor 1221	1	0.0183	U
11141-16-5	Aroclor 1232	1	0.0183	U
53469-21-9	Aroclor 1242	1	0.0183	U
12672-29-6	Aroclor 1248	1	0.0183	U
11097-69-1	Aroclor 1254	1	0.0183	U
11096-82-5	Aroclor 1260	1	0.0183	U
37324-23-5	Aroclor 1262	1	0.0183	U
11100-14-4	Aroclor 1268	1	0.0183	U
1336-36-3	Total PCBs	1	0.0183	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0731	0.0618	84.5	30 - 120	
Decachlorobiphenyl	0.0731	0.0742	102	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-3B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-08	File ID:	P1113535.D
Sampled:	12/28/22 12:35	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 03:04
Solids:	77.69	Preparation:	EPA 3550C	Initial/Final:	30.6 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0210	U
11104-28-2	Aroclor 1221	1	0.0210	U
11141-16-5	Aroclor 1232	1	0.0210	U
53469-21-9	Aroclor 1242	1	0.212	
12672-29-6	Aroclor 1248	1	0.0210	U
11097-69-1	Aroclor 1254	1	0.0210	U
11096-82-5	Aroclor 1260	1	0.0210	U
37324-23-5	Aroclor 1262	1	0.0210	U
11100-14-4	Aroclor 1268	1	0.0210	U
1336-36-3	Total PCBs	1	0.212	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0841	0.0694	82.5	30 - 120	
Decachlorobiphenyl	0.0841	0.0656	78.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-3C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-09	File ID:	P1113536.D
Sampled:	12/28/22 12:59	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 03:17
Solids:	76.15	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0215	U
11104-28-2	Aroclor 1221	1	0.0215	U
11141-16-5	Aroclor 1232	1	0.0215	U
53469-21-9	Aroclor 1242	1	0.0215	U
12672-29-6	Aroclor 1248	1	0.0215	U
11097-69-1	Aroclor 1254	1	0.0215	U
11096-82-5	Aroclor 1260	1	0.0215	U
37324-23-5	Aroclor 1262	1	0.0215	U
11100-14-4	Aroclor 1268	1	0.0215	U
1336-36-3	Total PCBs	1	0.0215	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0861	0.0749	87.0	30 - 120	
Decachlorobiphenyl	0.0861	0.0710	82.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-10 | File ID: P1113537.D

Sampled: 12/28/22 13:20 | Prepared: 12/31/22 09:07 | Analyzed: 01/05/23 03:31

Solids: 87.86 | Preparation: EPA 3550C | Initial/Final: 30.8 g / 10 mL

Batch: BL21786 | Sequence: S3A0517 | Calibration: SL20043 | Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0185	U
11104-28-2	Aroclor 1221	1	0.0185	U
11141-16-5	Aroclor 1232	1	0.0185	U
53469-21-9	Aroclor 1242	1	0.0185	U
12672-29-6	Aroclor 1248	1	0.0185	U
11097-69-1	Aroclor 1254	1	0.0185	U
11096-82-5	Aroclor 1260	1	0.0185	U
37324-23-5	Aroclor 1262	1	0.0185	U
11100-14-4	Aroclor 1268	1	0.0185	U
1336-36-3	Total PCBs	1	0.0185	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0739	0.0469	63.5	30 - 120	
Decachlorobiphenyl	0.0739	0.0447	60.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-11 | File ID: P1113540.D

Sampled: 12/28/22 13:29 | Prepared: 12/31/22 09:07 | Analyzed: 01/05/23 04:12

Solids: 73.33 | Preparation: EPA 3550C | Initial/Final: 30.8 g / 10 mL

Batch: BL21786 | Sequence: S3A0517 | Calibration: SL20043 | Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0221	U
11104-28-2	Aroclor 1221	1	0.0221	U
11141-16-5	Aroclor 1232	1	0.0221	U
53469-21-9	Aroclor 1242	1	0.0221	U
12672-29-6	Aroclor 1248	1	0.0221	U
11097-69-1	Aroclor 1254	1	0.0221	U
11096-82-5	Aroclor 1260	1	0.0221	U
37324-23-5	Aroclor 1262	1	0.0221	U
11100-14-4	Aroclor 1268	1	0.0221	U
1336-36-3	Total PCBs	1	0.0221	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0886	0.0797	90.0	30 - 120	
Decachlorobiphenyl	0.0886	0.0846	95.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-4C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-12	File ID:	P1113541.D
Sampled:	12/28/22 13:38	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 04:25
Solids:	75.97	Preparation:	EPA 3550C	Initial/Final:	30.6 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0215	U
11104-28-2	Aroclor 1221	1	0.0215	U
11141-16-5	Aroclor 1232	1	0.0215	U
53469-21-9	Aroclor 1242	1	0.0215	U
12672-29-6	Aroclor 1248	1	0.0215	U
11097-69-1	Aroclor 1254	1	0.0215	U
11096-82-5	Aroclor 1260	1	0.0215	U
37324-23-5	Aroclor 1262	1	0.0215	U
11100-14-4	Aroclor 1268	1	0.0215	U
1336-36-3	Total PCBs	1	0.0215	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0860	0.0809	94.0	30 - 120	
Decachlorobiphenyl	0.0860	0.0839	97.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-5A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-13	File ID:	P1113542.D
Sampled:	12/28/22 15:15	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 04:39
Solids:	81.51	Preparation:	EPA 3550C	Initial/Final:	30.9 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0198	U
11104-28-2	Aroclor 1221	1	0.0198	U
11141-16-5	Aroclor 1232	1	0.0198	U
53469-21-9	Aroclor 1242	1	0.0198	U
12672-29-6	Aroclor 1248	1	0.0198	U
11097-69-1	Aroclor 1254	1	0.0198	U
11096-82-5	Aroclor 1260	1	0.0198	U
37324-23-5	Aroclor 1262	1	0.0198	U
11100-14-4	Aroclor 1268	1	0.0198	U
1336-36-3	Total PCBs	1	0.0198	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0794	0.0476	60.0	30 - 120	
Decachlorobiphenyl	0.0794	0.0504	63.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-5B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-14	File ID:	P1113543.D
Sampled:	12/28/22 15:29	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 04:53
Solids:	87.80	Preparation:	EPA 3550C	Initial/Final:	30.7 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0185	U
11104-28-2	Aroclor 1221	1	0.0185	U
11141-16-5	Aroclor 1232	1	0.0185	U
53469-21-9	Aroclor 1242	1	0.0185	U
12672-29-6	Aroclor 1248	1	0.0185	U
11097-69-1	Aroclor 1254	1	0.0185	U
11096-82-5	Aroclor 1260	1	0.0185	U
37324-23-5	Aroclor 1262	1	0.0185	U
11100-14-4	Aroclor 1268	1	0.0185	U
1336-36-3	Total PCBs	1	0.0185	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0742	0.0508	68.5	30 - 120	
Decachlorobiphenyl	0.0742	0.0553	74.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-5C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-15	File ID:	P1113544.D
Sampled:	12/28/22 15:43	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 05:06
Solids:	80.03	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0205	U
11104-28-2	Aroclor 1221	1	0.0205	U
11141-16-5	Aroclor 1232	1	0.0205	U
53469-21-9	Aroclor 1242	1	0.0205	U
12672-29-6	Aroclor 1248	1	0.0205	U
11097-69-1	Aroclor 1254	1	0.0205	U
11096-82-5	Aroclor 1260	1	0.0205	U
37324-23-5	Aroclor 1262	1	0.0205	U
11100-14-4	Aroclor 1268	1	0.0205	U
1336-36-3	Total PCBs	1	0.0205	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0819	0.0746	91.0	30 - 120	
Decachlorobiphenyl	0.0819	0.0737	90.0	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-5D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-16	File ID:	P1113545.D
Sampled:	12/28/22 15:59	Prepared:	12/31/22 09:07	Analyzed:	01/05/23 05:20
Solids:	75.26	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BL21786	Sequence:	S3A0517	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0216	U
11104-28-2	Aroclor 1221	1	0.0216	U
11141-16-5	Aroclor 1232	1	0.0216	U
53469-21-9	Aroclor 1242	1	0.0216	U
12672-29-6	Aroclor 1248	1	0.0216	U
11097-69-1	Aroclor 1254	1	0.0216	U
11096-82-5	Aroclor 1260	1	0.0216	U
37324-23-5	Aroclor 1262	1	0.0216	U
11100-14-4	Aroclor 1268	1	0.0216	U
1336-36-3	Total PCBs	1	0.0216	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0863	0.0695	80.5	30 - 120	
Decachlorobiphenyl	0.0863	0.0738	85.5	30 - 120	

* Values outside of QC limits

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EPA 8082A

SB-6A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-17	File ID:	P1113446.D
Sampled:	12/28/22 16:25	Prepared:	12/30/22 08:04	Analyzed:	01/03/23 23:24
Solids:	89.04	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BL21744	Sequence:	S3A0429	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0184	U
11104-28-2	Aroclor 1221	1	0.0184	U
11141-16-5	Aroclor 1232	1	0.0184	U
53469-21-9	Aroclor 1242	1	0.0184	U
12672-29-6	Aroclor 1248	1	0.0184	U
11097-69-1	Aroclor 1254	1	0.0294	
11096-82-5	Aroclor 1260	1	0.0184	U
37324-23-5	Aroclor 1262	1	0.0184	U
11100-14-4	Aroclor 1268	1	0.0184	U
1336-36-3	Total PCBs	1	0.0294	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0736	0.0585	79.5	30 - 120	
Decachlorobiphenyl	0.0736	0.0567	77.0	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-6B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-18	File ID:	P1113449.D
Sampled:	12/28/22 16:42	Prepared:	12/30/22 08:04	Analyzed:	01/04/23 00:05
Solids:	77.50	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BL21744	Sequence:	S3A0429	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0209	U
11104-28-2	Aroclor 1221	1	0.0209	U
11141-16-5	Aroclor 1232	1	0.0209	U
53469-21-9	Aroclor 1242	1	0.0209	U
12672-29-6	Aroclor 1248	1	0.0590	
11097-69-1	Aroclor 1254	1	0.0209	U
11096-82-5	Aroclor 1260	1	0.0360	
37324-23-5	Aroclor 1262	1	0.0209	U
11100-14-4	Aroclor 1268	1	0.0209	U
1336-36-3	Total PCBs	1	0.0950	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0838	0.0574	68.5	30 - 120	
Decachlorobiphenyl	0.0838	0.0599	71.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Soil
Laboratory ID: 22L1392-19
File ID: P1113450.D
Sampled: 12/28/22 16:59
Prepared: 12/30/22 08:04
Analyzed: 01/04/23 00:19
Solids: 69.32
Preparation: EPA 3550C
Initial/Final: 30.6 g / 10 mL
Batch: BL21744
Sequence: S3A0429
Calibration: SL20043
Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0236	U
11104-28-2	Aroclor 1221	1	0.0236	U
11141-16-5	Aroclor 1232	1	0.0236	U
53469-21-9	Aroclor 1242	1	0.0236	U
12672-29-6	Aroclor 1248	1	0.0236	U
11097-69-1	Aroclor 1254	1	0.0236	U
11096-82-5	Aroclor 1260	1	0.0236	U
37324-23-5	Aroclor 1262	1	0.0236	U
11100-14-4	Aroclor 1268	1	0.0236	U
1336-36-3	Total PCBs	1	0.0236	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0943	0.0768	81.5	30 - 120	
Decachlorobiphenyl	0.0943	0.0712	75.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID: P1113451.D

Sampled: 12/28/22 14:14 Prepared: 12/30/22 08:04 Analyzed: 01/04/23 00:32

Solids: 93.73 Preparation: EPA 3550C Initial/Final: 30.5 g / 10 mL

Batch: BL21744 Sequence: S3A0429 Calibration: SL20043 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0175	U
11104-28-2	Aroclor 1221	1	0.0175	U
11141-16-5	Aroclor 1232	1	0.0175	U
53469-21-9	Aroclor 1242	1	0.0175	U
12672-29-6	Aroclor 1248	1	0.0175	U
11097-69-1	Aroclor 1254	1	0.0175	U
11096-82-5	Aroclor 1260	1	0.0175	U
37324-23-5	Aroclor 1262	1	0.0175	U
11100-14-4	Aroclor 1268	1	0.0175	U
1336-36-3	Total PCBs	1	0.0175	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0700	0.0598	85.5	30 - 120	
Decachlorobiphenyl	0.0700	0.0633	90.5	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID: P1113452.D

Sampled: 12/28/22 14:38 Prepared: 12/30/22 08:04 Analyzed: 01/04/23 00:46

Solids: 70.74 Preparation: EPA 3550C Initial/Final: 30.5 g / 10 mL

Batch: BL21744 Sequence: S3A0429 Calibration: SL20043 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
12674-11-2	Aroclor 1016	1	0.0232	U	
11104-28-2	Aroclor 1221	1	0.0232	U	
11141-16-5	Aroclor 1232	1	0.0232	U	
53469-21-9	Aroclor 1242	1	0.0232	U	
12672-29-6	Aroclor 1248	1	0.198	P	J
11097-69-1	Aroclor 1254	1	0.0232	U	
11096-82-5	Aroclor 1260	1	0.0634		J
37324-23-5	Aroclor 1262	1	0.0232	U	
11100-14-4	Aroclor 1268	1	0.0232	U	
1336-36-3	Total PCBs	1	0.261	P	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0927	0.0556	60.0	30 - 120	
Decachlorobiphenyl	0.0927	0.0542	58.5	30 - 120	

* Values outside of QC limits

MKP 3/28/2023

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID: P1113453.D

Sampled: 12/28/22 14:59 Prepared: 12/30/22 08:04 Analyzed: 01/04/23 00:59

Solids: 81.55 Preparation: EPA 3550C Initial/Final: 30.3 g / 10 mL

Batch: BL21744 Sequence: S3A0429 Calibration: SL20043 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0202	U
11104-28-2	Aroclor 1221	1	0.0202	U
11141-16-5	Aroclor 1232	1	0.0202	U
53469-21-9	Aroclor 1242	1	0.0202	U
12672-29-6	Aroclor 1248	1	0.0202	U
11097-69-1	Aroclor 1254	1	0.0202	U
11096-82-5	Aroclor 1260	1	0.0202	U
37324-23-5	Aroclor 1262	1	0.0202	U
11100-14-4	Aroclor 1268	1	0.0202	U
1336-36-3	Total PCBs	1	0.0202	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0809	0.0688	85.0	30 - 120	
Decachlorobiphenyl	0.0809	0.0652	80.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB-7C Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	22L1392-23	File ID:	P1113454.D
Sampled:	12/28/22 15:01	Prepared:	12/30/22 08:04	Analyzed:	01/04/23 01:13
Solids:	78.76	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BL21744	Sequence:	S3A0429	Calibration:	SL20043
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0206	U
11104-28-2	Aroclor 1221	1	0.0206	U
11141-16-5	Aroclor 1232	1	0.0206	U
53469-21-9	Aroclor 1242	1	0.0206	U
12672-29-6	Aroclor 1248	1	0.0206	U
11097-69-1	Aroclor 1254	1	0.0206	U
11096-82-5	Aroclor 1260	1	0.0206	U
37324-23-5	Aroclor 1262	1	0.0206	U
11100-14-4	Aroclor 1268	1	0.0206	U
1336-36-3	Total PCBs	1	0.0206	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0824	0.0783	95.0	30 - 120	
Decachlorobiphenyl	0.0824	0.0754	91.5	30 - 120	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: METALS

METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/11/2023
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID: QBI010523ARE_1-036

Sampled: 12/28/22 08:30 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 12:44

Solids: 95.08 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	16700	1		EPA 6010D	
7440-36-0	Antimony	5.14	1		EPA 6010D	J-
7440-38-2	Arsenic	9.49	1		EPA 6010D	
7440-39-3	Barium	63.0	1		EPA 6010D	
7440-41-7	Beryllium	0.613	1		EPA 6010D	
7440-43-9	Cadmium	0.263	1	U	EPA 6010D	
7440-70-2	Calcium	2170	1		EPA 6010D	
7440-47-3	Chromium	16.3	1		EPA 6010D	
7440-48-4	Cobalt	15.2	1		EPA 6010D	
7440-50-8	Copper	33.3	1		EPA 6010D	
7439-89-6	Iron	29300	1		EPA 6010D	
7439-92-1	Lead	27.2	1		EPA 6010D	
7439-95-4	Magnesium	8830	1		EPA 6010D	
7439-96-5	Manganese	1180	1		EPA 6010D	
7440-02-0	Nickel	25.7	1		EPA 6010D	
7440-09-7	Potassium	1210	1		EPA 6010D	
7782-49-2	Selenium	2.19	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.442	1	U	EPA 6010D	
7440-23-5	Sodium	92.9	1		EPA 6010D	
7440-28-0	Thallium	2.19	1	U	EPA 6010D	
7440-62-2	Vanadium	14.8	1		EPA 6010D	
7440-66-6	Zinc	75.0	1		EPA 6010D	

MKP 3/28/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-02 File ID: QBI010523ARE_1-037

Sampled: 12/28/22 09:00 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 12:46

Solids: 79.27 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	23800	1		EPA 6010D	
7440-36-0	Antimony	3.90	1		EPA 6010D	J-
7440-38-2	Arsenic	6.05	1		EPA 6010D	
7440-39-3	Barium	207	1		EPA 6010D	
7440-41-7	Beryllium	1.28	1		EPA 6010D	
7440-43-9	Cadmium	0.423	1		EPA 6010D	
7440-70-2	Calcium	34700	1		EPA 6010D	
7440-47-3	Chromium	27.9	1		EPA 6010D	
7440-48-4	Cobalt	16.8	1		EPA 6010D	
7440-50-8	Copper	37.9	1		EPA 6010D	
7439-89-6	Iron	37600	1		EPA 6010D	
7439-92-1	Lead	25.6	1		EPA 6010D	
7439-95-4	Magnesium	12300	1		EPA 6010D	
7439-96-5	Manganese	975	1		EPA 6010D	
7440-02-0	Nickel	40.3	1		EPA 6010D	
7440-09-7	Potassium	3510	1		EPA 6010D	
7782-49-2	Selenium	2.63	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.530	1	U	EPA 6010D	
7440-23-5	Sodium	187	1		EPA 6010D	
7440-28-0	Thallium	2.63	1	U	EPA 6010D	
7440-62-2	Vanadium	29.7	1		EPA 6010D	
7440-66-6	Zinc	91.9	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-03 File ID: QBI010523ARE_1-038

Sampled: 12/28/22 09:15 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 12:49

Solids: 67.98 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	24400	1		EPA 6010D	
7440-36-0	Antimony	5.05	1		EPA 6010D	J-
7440-38-2	Arsenic	9.25	1		EPA 6010D	
7440-39-3	Barium	170	1		EPA 6010D	
7440-41-7	Beryllium	1.33	1		EPA 6010D	
7440-43-9	Cadmium	0.368	1	U	EPA 6010D	
7440-70-2	Calcium	25600	1		EPA 6010D	
7440-47-3	Chromium	28.0	1		EPA 6010D	
7440-48-4	Cobalt	18.8	1		EPA 6010D	
7440-50-8	Copper	45.7	1		EPA 6010D	
7439-89-6	Iron	42500	1		EPA 6010D	
7439-92-1	Lead	28.7	1		EPA 6010D	
7439-95-4	Magnesium	10500	1		EPA 6010D	
7439-96-5	Manganese	740	1		EPA 6010D	
7440-02-0	Nickel	41.4	1		EPA 6010D	
7440-09-7	Potassium	3800	1		EPA 6010D	
7782-49-2	Selenium	3.06	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.618	1	U	EPA 6010D	
7440-23-5	Sodium	162	1		EPA 6010D	
7440-28-0	Thallium	3.06	1	U	EPA 6010D	
7440-62-2	Vanadium	33.0	1		EPA 6010D	
7440-66-6	Zinc	106	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: QBI010523ARE_1-039

Sampled: 12/28/22 10:30 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 12:51

Solids: 93.65 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	13200	1		EPA 6010D	
7440-36-0	Antimony	4.02	1		EPA 6010D	J-
7440-38-2	Arsenic	3.78	1		EPA 6010D	
7440-39-3	Barium	48.5	1		EPA 6010D	
7440-41-7	Beryllium	0.450	1		EPA 6010D	
7440-43-9	Cadmium	12.0	1		EPA 6010D	
7440-70-2	Calcium	2610	1		EPA 6010D	
7440-47-3	Chromium	21.2	1		EPA 6010D	
7440-48-4	Cobalt	9.08	1		EPA 6010D	
7440-50-8	Copper	121	1		EPA 6010D	
7439-89-6	Iron	22500	1		EPA 6010D	
7439-92-1	Lead	49.4	1		EPA 6010D	
7439-95-4	Magnesium	6030	1		EPA 6010D	
7439-96-5	Manganese	594	1		EPA 6010D	
7440-02-0	Nickel	25.0	1		EPA 6010D	
7440-09-7	Potassium	685	1		EPA 6010D	
7782-49-2	Selenium	2.22	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.906	1		EPA 6010D	
7440-23-5	Sodium	267	1		EPA 6010D	
7440-28-0	Thallium	2.22	1	U	EPA 6010D	
7440-62-2	Vanadium	12.4	1		EPA 6010D	
7440-66-6	Zinc	115	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID: QBI010523ARE_1-040

Sampled: 12/28/22 10:47 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 12:54

Solids: 77.51 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	25600	1		EPA 6010D	
7440-36-0	Antimony	8.32	1		EPA 6010D	J-
7440-38-2	Arsenic	7.56	1		EPA 6010D	
7440-39-3	Barium	237	1		EPA 6010D	
7440-41-7	Beryllium	1.49	1		EPA 6010D	
7440-43-9	Cadmium	0.323	1	U	EPA 6010D	
7440-70-2	Calcium	1780	1		EPA 6010D	
7440-47-3	Chromium	30.5	1		EPA 6010D	
7440-48-4	Cobalt	18.7	1		EPA 6010D	
7440-50-8	Copper	45.1	1		EPA 6010D	
7439-89-6	Iron	42500	1		EPA 6010D	
7439-92-1	Lead	31.4	1		EPA 6010D	
7439-95-4	Magnesium	10700	1		EPA 6010D	
7439-96-5	Manganese	847	1		EPA 6010D	
7440-02-0	Nickel	47.3	1		EPA 6010D	
7440-09-7	Potassium	2850	1		EPA 6010D	
7782-49-2	Selenium	2.69	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.542	1	U	EPA 6010D	
7440-23-5	Sodium	113	1		EPA 6010D	
7440-28-0	Thallium	2.69	1	U	EPA 6010D	
7440-62-2	Vanadium	32.2	1		EPA 6010D	
7440-66-6	Zinc	101	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID: QBI010523ARE_1-041

Sampled: 12/28/22 11:15 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 12:56

Solids: 78.37 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	24100	1		EPA 6010D	
7440-36-0	Antimony	6.64	1		EPA 6010D	J-
7440-38-2	Arsenic	11.8	1		EPA 6010D	
7440-39-3	Barium	199	1		EPA 6010D	
7440-41-7	Beryllium	1.40	1		EPA 6010D	
7440-43-9	Cadmium	0.339	1		EPA 6010D	
7440-70-2	Calcium	15400	1		EPA 6010D	
7440-47-3	Chromium	29.9	1		EPA 6010D	
7440-48-4	Cobalt	17.5	1		EPA 6010D	
7440-50-8	Copper	44.5	1		EPA 6010D	
7439-89-6	Iron	43400	1		EPA 6010D	
7439-92-1	Lead	26.7	1		EPA 6010D	
7439-95-4	Magnesium	11700	1		EPA 6010D	
7439-96-5	Manganese	602	1		EPA 6010D	
7440-02-0	Nickel	43.2	1		EPA 6010D	
7440-09-7	Potassium	3360	1		EPA 6010D	
7782-49-2	Selenium	2.66	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.536	1	U	EPA 6010D	
7440-23-5	Sodium	117	1		EPA 6010D	
7440-28-0	Thallium	2.66	1	U	EPA 6010D	
7440-62-2	Vanadium	31.5	1		EPA 6010D	
7440-66-6	Zinc	105	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID: QBI010523ARE_1-042

Sampled: 12/28/22 12:05 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 12:59

Solids: 89.09 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	15700	1		EPA 6010D	
7440-36-0	Antimony	5.39	1		EPA 6010D	J-
7440-38-2	Arsenic	7.63	1		EPA 6010D	
7440-39-3	Barium	91.0	1		EPA 6010D	
7440-41-7	Beryllium	0.745	1		EPA 6010D	
7440-43-9	Cadmium	1.18	1		EPA 6010D	
7440-70-2	Calcium	11800	1		EPA 6010D	
7440-47-3	Chromium	20.5	1		EPA 6010D	
7440-48-4	Cobalt	14.6	1		EPA 6010D	
7440-50-8	Copper	71.7	1		EPA 6010D	
7439-89-6	Iron	34900	1		EPA 6010D	
7439-92-1	Lead	203	1		EPA 6010D	
7439-95-4	Magnesium	8490	1		EPA 6010D	
7439-96-5	Manganese	1250	1		EPA 6010D	
7440-02-0	Nickel	31.3	1		EPA 6010D	
7440-09-7	Potassium	1580	1		EPA 6010D	
7782-49-2	Selenium	2.34	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.471	1	U	EPA 6010D	
7440-23-5	Sodium	251	1		EPA 6010D	
7440-28-0	Thallium	2.47	1		EPA 6010D	
7440-62-2	Vanadium	19.4	1		EPA 6010D	
7440-66-6	Zinc	138	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID: QBI010523ARE_1-045

Sampled: 12/28/22 12:35 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 13:13

Solids: 77.69 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	24100	1		EPA 6010D	
7440-36-0	Antimony	7.08	1		EPA 6010D	J-
7440-38-2	Arsenic	12.5	1		EPA 6010D	
7440-39-3	Barium	206	1		EPA 6010D	
7440-41-7	Beryllium	1.32	1		EPA 6010D	
7440-43-9	Cadmium	0.370	1		EPA 6010D	
7440-70-2	Calcium	17300	1		EPA 6010D	
7440-47-3	Chromium	29.3	1		EPA 6010D	
7440-48-4	Cobalt	19.5	1		EPA 6010D	
7440-50-8	Copper	39.5	1		EPA 6010D	
7439-89-6	Iron	42000	1		EPA 6010D	
7439-92-1	Lead	24.2	1		EPA 6010D	
7439-95-4	Magnesium	11200	1		EPA 6010D	
7439-96-5	Manganese	747	1		EPA 6010D	
7440-02-0	Nickel	41.3	1		EPA 6010D	
7440-09-7	Potassium	3790	1		EPA 6010D	
7782-49-2	Selenium	2.68	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.541	1	U	EPA 6010D	
7440-23-5	Sodium	138	1		EPA 6010D	
7440-28-0	Thallium	2.70	1		EPA 6010D	
7440-62-2	Vanadium	30.8	1		EPA 6010D	
7440-66-6	Zinc	97.9	1		EPA 6010D	

MKP 3/28/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-09 File ID: QBI010523ARE_1-046

Sampled: 12/28/22 12:59 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 13:16

Solids: 76.15 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	24400	1		EPA 6010D	
7440-36-0	Antimony	6.00	1		EPA 6010D	J-
7440-38-2	Arsenic	8.52	1		EPA 6010D	
7440-39-3	Barium	203	1		EPA 6010D	
7440-41-7	Beryllium	1.39	1		EPA 6010D	
7440-43-9	Cadmium	0.328	1	U	EPA 6010D	
7440-70-2	Calcium	17500	1		EPA 6010D	
7440-47-3	Chromium	29.1	1		EPA 6010D	
7440-48-4	Cobalt	18.4	1		EPA 6010D	
7440-50-8	Copper	41.6	1		EPA 6010D	
7439-89-6	Iron	40100	1		EPA 6010D	
7439-92-1	Lead	28.7	1		EPA 6010D	
7439-95-4	Magnesium	11200	1		EPA 6010D	
7439-96-5	Manganese	636	1		EPA 6010D	
7440-02-0	Nickel	41.3	1		EPA 6010D	
7440-09-7	Potassium	4190	1		EPA 6010D	
7782-49-2	Selenium	2.74	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.552	1	U	EPA 6010D	
7440-23-5	Sodium	136	1		EPA 6010D	
7440-28-0	Thallium	2.74	1	U	EPA 6010D	
7440-62-2	Vanadium	31.9	1		EPA 6010D	
7440-66-6	Zinc	102	1		EPA 6010D	

MKP 3/28/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID: QBI010523ARE_1-047

Sampled: 12/28/22 13:20 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 13:18

Solids: 87.86 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	16100	1		EPA 6010D	
7440-36-0	Antimony	5.02	1		EPA 6010D	J-
7440-38-2	Arsenic	5.91	1		EPA 6010D	
7440-39-3	Barium	67.9	1		EPA 6010D	
7440-41-7	Beryllium	0.693	1		EPA 6010D	
7440-43-9	Cadmium	0.285	1	U	EPA 6010D	
7440-70-2	Calcium	16600	1		EPA 6010D	
7440-47-3	Chromium	18.5	1		EPA 6010D	
7440-48-4	Cobalt	13.7	1		EPA 6010D	
7440-50-8	Copper	30.8	1		EPA 6010D	
7439-89-6	Iron	32200	1		EPA 6010D	
7439-92-1	Lead	22.0	1		EPA 6010D	
7439-95-4	Magnesium	10700	1		EPA 6010D	
7439-96-5	Manganese	874	1		EPA 6010D	
7440-02-0	Nickel	28.6	1		EPA 6010D	
7440-09-7	Potassium	1680	1		EPA 6010D	
7782-49-2	Selenium	2.37	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.478	1	U	EPA 6010D	
7440-23-5	Sodium	61.4	1		EPA 6010D	
7440-28-0	Thallium	2.37	1	U	EPA 6010D	
7440-62-2	Vanadium	17.6	1		EPA 6010D	
7440-66-6	Zinc	78.8	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID: QBI010523ARE_1-048

Sampled: 12/28/22 13:29 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 13:20

Solids: 73.33 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	25800	1		EPA 6010D	
7440-36-0	Antimony	9.49	1		EPA 6010D	J-
7440-38-2	Arsenic	8.87	1		EPA 6010D	
7440-39-3	Barium	198	1		EPA 6010D	
7440-41-7	Beryllium	1.58	1		EPA 6010D	
7440-43-9	Cadmium	0.341	1	U	EPA 6010D	
7440-70-2	Calcium	1580	1		EPA 6010D	
7440-47-3	Chromium	32.4	1		EPA 6010D	
7440-48-4	Cobalt	23.6	1		EPA 6010D	
7440-50-8	Copper	78.0	1		EPA 6010D	
7439-89-6	Iron	46400	1		EPA 6010D	
7439-92-1	Lead	33.1	1		EPA 6010D	
7439-95-4	Magnesium	9960	1		EPA 6010D	
7439-96-5	Manganese	967	1		EPA 6010D	
7440-02-0	Nickel	50.8	1		EPA 6010D	
7440-09-7	Potassium	3120	1		EPA 6010D	
7782-49-2	Selenium	2.84	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.573	1	U	EPA 6010D	
7440-23-5	Sodium	188	1		EPA 6010D	
7440-28-0	Thallium	2.96	1		EPA 6010D	
7440-62-2	Vanadium	33.7	1		EPA 6010D	
7440-66-6	Zinc	126	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID: QBI010523ARE_1-049

Sampled: 12/28/22 13:38 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 13:22

Solids: 75.97 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	23100	1		EPA 6010D	
7440-36-0	Antimony	3.58	1		EPA 6010D	J-
7440-38-2	Arsenic	5.69	1		EPA 6010D	
7440-39-3	Barium	160	1		EPA 6010D	
7440-41-7	Beryllium	1.30	1		EPA 6010D	
7440-43-9	Cadmium	0.509	1		EPA 6010D	
7440-70-2	Calcium	33600	1		EPA 6010D	
7440-47-3	Chromium	27.5	1		EPA 6010D	
7440-48-4	Cobalt	18.5	1		EPA 6010D	
7440-50-8	Copper	42.8	1		EPA 6010D	
7439-89-6	Iron	39200	1		EPA 6010D	
7439-92-1	Lead	26.3	1		EPA 6010D	
7439-95-4	Magnesium	11800	1		EPA 6010D	
7439-96-5	Manganese	559	1		EPA 6010D	
7440-02-0	Nickel	36.1	1		EPA 6010D	
7440-09-7	Potassium	3420	1		EPA 6010D	
7782-49-2	Selenium	2.74	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.553	1	U	EPA 6010D	
7440-23-5	Sodium	165	1		EPA 6010D	
7440-28-0	Thallium	2.74	1	U	EPA 6010D	
7440-62-2	Vanadium	29.7	1		EPA 6010D	
7440-66-6	Zinc	98.2	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID: QBI010523ARE_1-050

Sampled: 12/28/22 15:15 Prepared: 01/04/23 14:36 Analyzed: 01/05/23 13:24

Solids: 81.51 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30116 Sequence: S3A0525 Calibration: 01/05/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	15500	1		EPA 6010D	
7440-36-0	Antimony	5.13	1		EPA 6010D	J-
7440-38-2	Arsenic	5.97	1		EPA 6010D	
7440-39-3	Barium	64.6	1		EPA 6010D	
7440-41-7	Beryllium	0.553	1		EPA 6010D	
7440-43-9	Cadmium	0.307	1	U	EPA 6010D	
7440-70-2	Calcium	4860	1		EPA 6010D	
7440-47-3	Chromium	18.9	1		EPA 6010D	
7440-48-4	Cobalt	12.0	1		EPA 6010D	
7440-50-8	Copper	36.3	1		EPA 6010D	
7439-89-6	Iron	29100	1		EPA 6010D	
7439-92-1	Lead	41.5	1		EPA 6010D	
7439-95-4	Magnesium	8150	1		EPA 6010D	
7439-96-5	Manganese	984	1		EPA 6010D	
7440-02-0	Nickel	26.0	1		EPA 6010D	
7440-09-7	Potassium	1250	1		EPA 6010D	
7782-49-2	Selenium	2.56	1	U	EPA 6010D	UJ
7440-22-4	Silver	0.515	1	U	EPA 6010D	
7440-23-5	Sodium	51.1	1	U	EPA 6010D	
7440-28-0	Thallium	2.56	1	U	EPA 6010D	
7440-62-2	Vanadium	17.6	1		EPA 6010D	
7440-66-6	Zinc	124	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID: QBI010623ARE_1-011

Sampled: 12/28/22 15:29 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 12:43

Solids: 87.80 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	14200	1		EPA 6010D	
7440-36-0	Antimony	5.03	1		EPA 6010D	J-
7440-38-2	Arsenic	4.97	1		EPA 6010D	
7440-39-3	Barium	63.6	1		EPA 6010D	
7440-41-7	Beryllium	0.668	1		EPA 6010D	
7440-43-9	Cadmium	0.285	1	U	EPA 6010D	UJ
7440-70-2	Calcium	3360	1	B	EPA 6010D	
7440-47-3	Chromium	15.6	1		EPA 6010D	
7440-48-4	Cobalt	12.2	1		EPA 6010D	
7440-50-8	Copper	37.4	1		EPA 6010D	
7439-89-6	Iron	26500	1		EPA 6010D	
7439-92-1	Lead	112	1		EPA 6010D	J-
7439-95-4	Magnesium	6070	1		EPA 6010D	
7439-96-5	Manganese	469	1		EPA 6010D	
7440-02-0	Nickel	24.1	1		EPA 6010D	
7440-09-7	Potassium	1040	1		EPA 6010D	
7782-49-2	Selenium	2.37	1	U	EPA 6010D	
7440-22-4	Silver	0.478	1	U	EPA 6010D	
7440-23-5	Sodium	92.7	1		EPA 6010D	
7440-28-0	Thallium	2.53	1		EPA 6010D	
7440-62-2	Vanadium	17.8	1		EPA 6010D	
7440-66-6	Zinc	103	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID: QBI010623ARE_1-012

Sampled: 12/28/22 15:43 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 12:45

Solids: 80.03 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	23400	1		EPA 6010D	
7440-36-0	Antimony	5.79	1		EPA 6010D	J-
7440-38-2	Arsenic	2.76	1		EPA 6010D	
7440-39-3	Barium	187	1		EPA 6010D	
7440-41-7	Beryllium	1.05	1		EPA 6010D	
7440-43-9	Cadmium	0.312	1	U	EPA 6010D	UJ
7440-70-2	Calcium	8370	1	B	EPA 6010D	
7440-47-3	Chromium	27.7	1		EPA 6010D	
7440-48-4	Cobalt	16.9	1		EPA 6010D	
7440-50-8	Copper	48.9	1		EPA 6010D	
7439-89-6	Iron	32200	1		EPA 6010D	
7439-92-1	Lead	25.5	1		EPA 6010D	J-
7439-95-4	Magnesium	9190	1		EPA 6010D	
7439-96-5	Manganese	424	1		EPA 6010D	
7440-02-0	Nickel	35.4	1		EPA 6010D	
7440-09-7	Potassium	2940	1		EPA 6010D	
7782-49-2	Selenium	2.60	1	U	EPA 6010D	
7440-22-4	Silver	0.525	1	U	EPA 6010D	
7440-23-5	Sodium	230	1		EPA 6010D	
7440-28-0	Thallium	2.60	1	U	EPA 6010D	
7440-62-2	Vanadium	29.3	1		EPA 6010D	
7440-66-6	Zinc	106	1		EPA 6010D	

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EPA 6010D

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID: QBI010623ARE_1-013

Sampled: 12/28/22 15:59 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 12:48

Solids: 75.26 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	20300	1		EPA 6010D	
7440-36-0	Antimony	5.68	1		EPA 6010D	J-
7440-38-2	Arsenic	6.29	1		EPA 6010D	
7440-39-3	Barium	116	1		EPA 6010D	
7440-41-7	Beryllium	1.02	1		EPA 6010D	
7440-43-9	Cadmium	0.332	1	U	EPA 6010D	UJ
7440-70-2	Calcium	23800	1	B	EPA 6010D	
7440-47-3	Chromium	24.0	1		EPA 6010D	
7440-48-4	Cobalt	17.5	1		EPA 6010D	
7440-50-8	Copper	42.3	1		EPA 6010D	
7439-89-6	Iron	37000	1		EPA 6010D	
7439-92-1	Lead	23.9	1		EPA 6010D	J-
7439-95-4	Magnesium	9740	1		EPA 6010D	
7439-96-5	Manganese	689	1		EPA 6010D	
7440-02-0	Nickel	35.0	1		EPA 6010D	
7440-09-7	Potassium	3090	1		EPA 6010D	
7782-49-2	Selenium	2.77	1	U	EPA 6010D	
7440-22-4	Silver	0.558	1	U	EPA 6010D	
7440-23-5	Sodium	144	1		EPA 6010D	
7440-28-0	Thallium	2.96	1		EPA 6010D	
7440-62-2	Vanadium	26.6	1		EPA 6010D	
7440-66-6	Zinc	91.9	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-17 File ID: QBI010623ARE_1-014

Sampled: 12/28/22 16:25 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 12:50

Solids: 89.04 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	16600	1		EPA 6010D	
7440-36-0	Antimony	4.22	1		EPA 6010D	J-
7440-38-2	Arsenic	4.65	1		EPA 6010D	
7440-39-3	Barium	44.7	1		EPA 6010D	
7440-41-7	Beryllium	0.637	1		EPA 6010D	
7440-43-9	Cadmium	0.281	1	U	EPA 6010D	UJ
7440-70-2	Calcium	24200	1	B	EPA 6010D	
7440-47-3	Chromium	24.3	1		EPA 6010D	
7440-48-4	Cobalt	14.2	1		EPA 6010D	
7440-50-8	Copper	47.7	1		EPA 6010D	
7439-89-6	Iron	29900	1		EPA 6010D	
7439-92-1	Lead	32.1	1		EPA 6010D	J-
7439-95-4	Magnesium	21200	1		EPA 6010D	
7439-96-5	Manganese	793	1		EPA 6010D	
7440-02-0	Nickel	31.7	1		EPA 6010D	
7440-09-7	Potassium	1210	1		EPA 6010D	
7782-49-2	Selenium	2.34	1	U	EPA 6010D	
7440-22-4	Silver	0.472	1	U	EPA 6010D	
7440-23-5	Sodium	67.3	1		EPA 6010D	
7440-28-0	Thallium	2.37	1		EPA 6010D	
7440-62-2	Vanadium	20.4	1		EPA 6010D	
7440-66-6	Zinc	93.5	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID: QBI010623ARE_1-015

Sampled: 12/28/22 16:42 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 12:53

Solids: 77.50 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	22900	1		EPA 6010D	
7440-36-0	Antimony	8.40	1		EPA 6010D	J-
7440-38-2	Arsenic	5.25	1		EPA 6010D	
7440-39-3	Barium	206	1		EPA 6010D	
7440-41-7	Beryllium	1.24	1		EPA 6010D	
7440-43-9	Cadmium	0.323	1	U	EPA 6010D	UJ
7440-70-2	Calcium	15200	1	B	EPA 6010D	
7440-47-3	Chromium	26.3	1		EPA 6010D	
7440-48-4	Cobalt	19.4	1		EPA 6010D	
7440-50-8	Copper	43.3	1		EPA 6010D	
7439-89-6	Iron	47200	1		EPA 6010D	
7439-92-1	Lead	28.7	1		EPA 6010D	J-
7439-95-4	Magnesium	9190	1		EPA 6010D	
7439-96-5	Manganese	1150	1		EPA 6010D	
7440-02-0	Nickel	36.7	1		EPA 6010D	
7440-09-7	Potassium	3080	1		EPA 6010D	
7782-49-2	Selenium	2.69	1	U	EPA 6010D	
7440-22-4	Silver	0.542	1	U	EPA 6010D	
7440-23-5	Sodium	353	1		EPA 6010D	
7440-28-0	Thallium	3.94	1		EPA 6010D	
7440-62-2	Vanadium	31.0	1		EPA 6010D	
7440-66-6	Zinc	104	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-19 File ID: QBI010623ARE_1-016

Sampled: 12/28/22 16:59 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 12:55

Solids: 69.32 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	27700	1		EPA 6010D	
7440-36-0	Antimony	6.14	1		EPA 6010D	J-
7440-38-2	Arsenic	6.87	1		EPA 6010D	
7440-39-3	Barium	221	1		EPA 6010D	
7440-41-7	Beryllium	1.57	1		EPA 6010D	
7440-43-9	Cadmium	0.361	1	U	EPA 6010D	UJ
7440-70-2	Calcium	25400	1	B	EPA 6010D	
7440-47-3	Chromium	29.0	1		EPA 6010D	
7440-48-4	Cobalt	20.7	1		EPA 6010D	
7440-50-8	Copper	45.0	1		EPA 6010D	
7439-89-6	Iron	43100	1		EPA 6010D	
7439-92-1	Lead	31.0	1		EPA 6010D	J-
7439-95-4	Magnesium	10800	1		EPA 6010D	
7439-96-5	Manganese	775	1		EPA 6010D	
7440-02-0	Nickel	43.3	1		EPA 6010D	
7440-09-7	Potassium	4590	1		EPA 6010D	
7782-49-2	Selenium	3.00	1	U	EPA 6010D	
7440-22-4	Silver	0.606	1	U	EPA 6010D	
7440-23-5	Sodium	317	1		EPA 6010D	
7440-28-0	Thallium	3.00	1	U	EPA 6010D	
7440-62-2	Vanadium	36.0	1		EPA 6010D	
7440-66-6	Zinc	131	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID: QBI010623ARE_1-017

Sampled: 12/28/22 14:14 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 12:58

Solids: 93.73 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	17300	1		EPA 6010D	
7440-36-0	Antimony	4.74	1		EPA 6010D	J-
7440-38-2	Arsenic	4.27	1		EPA 6010D	
7440-39-3	Barium	44.4	1		EPA 6010D	
7440-41-7	Beryllium	0.751	1		EPA 6010D	
7440-43-9	Cadmium	0.267	1	U	EPA 6010D	UJ
7440-70-2	Calcium	23600	1	B	EPA 6010D	
7440-47-3	Chromium	18.3	1		EPA 6010D	
7440-48-4	Cobalt	17.7	1		EPA 6010D	
7440-50-8	Copper	45.0	1		EPA 6010D	
7439-89-6	Iron	33600	1		EPA 6010D	
7439-92-1	Lead	26.8	1		EPA 6010D	J-
7439-95-4	Magnesium	16000	1		EPA 6010D	
7439-96-5	Manganese	745	1		EPA 6010D	
7440-02-0	Nickel	32.1	1		EPA 6010D	
7440-09-7	Potassium	1300	1		EPA 6010D	
7782-49-2	Selenium	2.22	1	U	EPA 6010D	
7440-22-4	Silver	0.448	1	U	EPA 6010D	
7440-23-5	Sodium	137	1		EPA 6010D	
7440-28-0	Thallium	2.22	1	U	EPA 6010D	
7440-62-2	Vanadium	16.8	1		EPA 6010D	
7440-66-6	Zinc	84.5	1		EPA 6010D	

MKP 3/28/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID: QBI010623ARE_1-018

Sampled: 12/28/22 14:38 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 13:00

Solids: 70.74 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	26300	1		EPA 6010D	
7440-36-0	Antimony	7.37	1		EPA 6010D	J-
7440-38-2	Arsenic	6.81	1		EPA 6010D	
7440-39-3	Barium	214	1		EPA 6010D	
7440-41-7	Beryllium	1.40	1		EPA 6010D	
7440-43-9	Cadmium	0.353	1	U	EPA 6010D	UJ
7440-70-2	Calcium	24800	1	B	EPA 6010D	
7440-47-3	Chromium	32.4	1		EPA 6010D	
7440-48-4	Cobalt	20.8	1		EPA 6010D	
7440-50-8	Copper	49.2	1		EPA 6010D	
7439-89-6	Iron	44100	1		EPA 6010D	
7439-92-1	Lead	38.0	1		EPA 6010D	J-
7439-95-4	Magnesium	12100	1		EPA 6010D	
7439-96-5	Manganese	1040	1		EPA 6010D	
7440-02-0	Nickel	44.0	1		EPA 6010D	
7440-09-7	Potassium	3980	1		EPA 6010D	
7782-49-2	Selenium	2.94	1	U	EPA 6010D	
7440-22-4	Silver	0.594	1	U	EPA 6010D	
7440-23-5	Sodium	237	1		EPA 6010D	
7440-28-0	Thallium	3.11	1		EPA 6010D	
7440-62-2	Vanadium	36.3	1		EPA 6010D	
7440-66-6	Zinc	126	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID: QBI010623ARE_1-021

Sampled: 12/28/22 14:59 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 13:09

Solids: 81.55 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	22100	1		EPA 6010D	
7440-36-0	Antimony	6.11	1		EPA 6010D	J-
7440-38-2	Arsenic	5.38	1		EPA 6010D	
7440-39-3	Barium	241	1		EPA 6010D	
7440-41-7	Beryllium	1.24	1		EPA 6010D	
7440-43-9	Cadmium	0.307	1	U	EPA 6010D	UJ
7440-70-2	Calcium	16600	1	B	EPA 6010D	
7440-47-3	Chromium	26.3	1		EPA 6010D	
7440-48-4	Cobalt	17.7	1		EPA 6010D	
7440-50-8	Copper	36.2	1		EPA 6010D	
7439-89-6	Iron	34700	1		EPA 6010D	
7439-92-1	Lead	23.6	1		EPA 6010D	J-
7439-95-4	Magnesium	11200	1		EPA 6010D	
7439-96-5	Manganese	805	1		EPA 6010D	
7440-02-0	Nickel	36.3	1		EPA 6010D	
7440-09-7	Potassium	3840	1		EPA 6010D	
7782-49-2	Selenium	2.55	1	U	EPA 6010D	
7440-22-4	Silver	0.515	1	U	EPA 6010D	
7440-23-5	Sodium	199	1		EPA 6010D	
7440-28-0	Thallium	2.55	1	U	EPA 6010D	
7440-62-2	Vanadium	29.8	1		EPA 6010D	
7440-66-6	Zinc	83.4	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID: QBI010623ARE_1-022

Sampled: 12/28/22 15:01 Prepared: 01/04/23 14:42 Analyzed: 01/06/23 13:12

Solids: 78.76 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BA30122 Sequence: S3A0901 Calibration: 01/06/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	25200	1		EPA 6010D	
7440-36-0	Antimony	7.15	1		EPA 6010D	J-
7440-38-2	Arsenic	7.86	1		EPA 6010D	
7440-39-3	Barium	298	1		EPA 6010D	
7440-41-7	Beryllium	1.41	1		EPA 6010D	
7440-43-9	Cadmium	0.317	1	U	EPA 6010D	UJ
7440-70-2	Calcium	16100	1	B	EPA 6010D	
7440-47-3	Chromium	30.5	1		EPA 6010D	
7440-48-4	Cobalt	22.9	1		EPA 6010D	
7440-50-8	Copper	46.8	1		EPA 6010D	
7439-89-6	Iron	42000	1		EPA 6010D	
7439-92-1	Lead	31.8	1		EPA 6010D	J-
7439-95-4	Magnesium	13100	1		EPA 6010D	
7439-96-5	Manganese	1230	1		EPA 6010D	
7440-02-0	Nickel	50.1	1		EPA 6010D	
7440-09-7	Potassium	3900	1		EPA 6010D	
7782-49-2	Selenium	2.64	1	U	EPA 6010D	
7440-22-4	Silver	0.533	1	U	EPA 6010D	
7440-23-5	Sodium	221	1		EPA 6010D	
7440-28-0	Thallium	3.24	1		EPA 6010D	
7440-62-2	Vanadium	34.6	1		EPA 6010D	
7440-66-6	Zinc	113	1		EPA 6010D	

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York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: HG

METHOD: EPA 7473

No data validation qualifiers were added

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DATA PACKAGE COVER PAGE

EPA 7473

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/11/2023
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID: QBHg-DMA-01 010323a-026

Sampled: 12/28/22 08:30 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 13:06

Solids: 95.08 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0316	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-02 File ID: QBHg-DMA-01 010323a-031

Sampled: 12/28/22 09:00 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 14:20

Solids: 79.27 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0378	1	U	EPA 7473

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EPA 7473

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-03 File ID: QBHg-DMA-01 010323a-032

Sampled: 12/28/22 09:15 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 14:27

Solids: 67.98 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0441	1	U	EPA 7473

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EPA 7473

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: QBHg-DMA-01 010323a-033

Sampled: 12/28/22 10:30 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 14:36

Solids: 93.65 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.100	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID: QBHg-DMA-01 010323a-034

Sampled: 12/28/22 10:47 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 14:45

Solids: 77.51 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0387	1	U	EPA 7473

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EPA 7473

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID: QBHg-DMA-01 010323a-035

Sampled: 12/28/22 11:15 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 14:55

Solids: 78.37 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0383	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID: QBHg-DMA-01 010323a-036

Sampled: 12/28/22 12:05 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 15:04

Solids: 89.09 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0430	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID: QBHg-DMA-01 010323a-037

Sampled: 12/28/22 12:35 Prepared: 01/03/23 09:41 Analyzed: 01/03/23 15:13

Solids: 77.69 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30025 Sequence: S3A0331 Calibration: 01/03/23 1 Instrument: DMA 80-01

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0386	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-09 File ID: QBHg-DMA80-02 010323a-020

Sampled: 12/28/22 12:59 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 12:26

Solids: 76.15 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0394	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID: QBHg-DMA80-02 010323a-023

Sampled: 12/28/22 13:20 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 13:16

Solids: 87.86 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0341	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID: QBHg-DMA80-02 010323a-024

Sampled: 12/28/22 13:29 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 13:23

Solids: 73.33 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0423	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID: QBHg-DMA80-02 010323a-025

Sampled: 12/28/22 13:38 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 13:32

Solids: 75.97 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0395	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID: QBHg-DMA80-02 010323a-026

Sampled: 12/28/22 15:15 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 13:41

Solids: 81.51 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0900	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID: QBHg-DMA80-02 010323a-027

Sampled: 12/28/22 15:29 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 13:51

Solids: 87.80 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.192	1		EPA 7473

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EPA 7473

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID: QBHg-DMA80-02 010323a-028

Sampled: 12/28/22 15:43 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 14:00

Solids: 80.03 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0399	1		EPA 7473

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EPA 7473

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID: QBHg-DMA80-02 010323a-029

Sampled: 12/28/22 15:59 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 14:09

Solids: 75.26 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0399	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-17 File ID: QBHg-DMA80-02 010323a-030

Sampled: 12/28/22 16:25 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 14:19

Solids: 89.04 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0659	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID: QBHg-DMA80-02 010323a-031

Sampled: 12/28/22 16:42 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 14:28

Solids: 77.50 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0455	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-19 File ID: QBHg-DMA80-02 010323a-035

Sampled: 12/28/22 16:59 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 15:19

Solids: 69.32 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0441	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID: QBHg-DMA80-02 010323a-036

Sampled: 12/28/22 14:14 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 15:26

Solids: 93.73 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0583	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID: QBHg-DMA80-02 010323a-037

Sampled: 12/28/22 14:38 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 15:35

Solids: 70.74 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0613	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID: QBHg-DMA80-02 010323a-038

Sampled: 12/28/22 14:59 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 15:44

Solids: 81.55 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0368	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID: QBHg-DMA80-02 010323a-039

Sampled: 12/28/22 15:01 Prepared: 01/03/23 09:44 Analyzed: 01/03/23 15:54

Solids: 78.76 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BA30026 Sequence: S3A0338 Calibration: 01/03/23 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0381	1	U	EPA 7473

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: WET

METHOD: EPA 9014/9010C

DATA PACKAGE COVER PAGE

EPA 9014/9010C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/4/2023
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID:

Sampled: 12/28/22 08:30 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 95.08 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.526	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-02 File ID:

Sampled: 12/28/22 09:00 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 79.27 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.631	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-03 File ID:

Sampled: 12/28/22 09:15 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 67.98 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.736	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID:

Sampled: 12/28/22 10:30 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 93.65 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.534	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID:

Sampled: 12/28/22 10:47 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 77.51 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.645	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID:

Sampled: 12/28/22 11:15 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 78.37 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.638	1	U	EPA 9014/9010C

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EPA 9014/9010C

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID:

Sampled: 12/28/22 12:05 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 89.09 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.561	1	U	EPA 9014/9010C

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EPA 9014/9010C

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID:

Sampled: 12/28/22 12:35 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 77.69 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.644	1	U	EPA 9014/9010C

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EPA 9014/9010C

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-09 File ID:

Sampled: 12/28/22 12:59 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 76.15 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.657	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID:

Sampled: 12/28/22 13:20 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 87.86 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.569	1	U	EPA 9014/9010C

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EPA 9014/9010C

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID:

Sampled: 12/28/22 13:29 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 73.33 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.682	1	U	EPA 9014/9010C

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EPA 9014/9010C

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID:

Sampled: 12/28/22 13:38 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 75.97 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.658	1	U	EPA 9014/9010C

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EPA 9014/9010C

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID:

Sampled: 12/28/22 15:15 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 81.51 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.613	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID:

Sampled: 12/28/22 15:29 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 87.80 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.569	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID:

Sampled: 12/28/22 15:43 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 80.03 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.625	1	U	EPA 9014/9010C

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EPA 9014/9010C

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID:

Sampled: 12/28/22 15:59 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 75.26 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.664	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-17 File ID:

Sampled: 12/28/22 16:25 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 89.04 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.562	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID:

Sampled: 12/28/22 16:42 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 77.50 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.645	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-19 File ID:

Sampled: 12/28/22 16:59 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 69.32 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.721	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID:

Sampled: 12/28/22 14:14 Prepared: 12/30/22 14:33 Analyzed: 12/30/22 18:12

Solids: 93.73 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BL21773 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.533	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID:

Sampled: 12/28/22 14:38 Prepared: 01/03/23 14:22 Analyzed: 01/03/23 20:28

Solids: 70.74 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BA30055 Sequence: Calibration: 01/03/23 2 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
57-12-5	Cyanide, total	2.82	1		EPA 9014/9010C	J

MKP 3/28/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID:

Sampled: 12/28/22 14:59 Prepared: 01/03/23 14:22 Analyzed: 01/03/23 20:28

Solids: 81.55 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BA30055 Sequence: Calibration: 01/03/23 2 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.613	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID:

Sampled: 12/28/22 15:01 Prepared: 01/03/23 14:22 Analyzed: 01/03/23 20:28

Solids: 78.76 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BA30055 Sequence: Calibration: 01/03/23 2 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.635	1	U	EPA 9014/9010C

York Analytical Laboratories, Inc. - Stratford

SDG: 22L1392

CLASS: WET

METHOD: SM 2540G

No data validation qualifiers were added

MKP 3/28/2023

DATA PACKAGE COVER PAGE

SM 2540G

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB-1A	22L1392-01
SB-1B	22L1392-02
SB-1C	22L1392-03
SB-2A	22L1392-04
SB-2B	22L1392-05
SB-2C	22L1392-06
SB-3A	22L1392-07
SB-3B	22L1392-08
SB-3C	22L1392-09
SB-4A	22L1392-10
SB-4B	22L1392-11
SB-4C	22L1392-12
SB-5A	22L1392-13
SB-5B	22L1392-14
SB-5C	22L1392-15
SB-5D	22L1392-16
SB-6A	22L1392-17
SB-6B	22L1392-18
SB-6C	22L1392-19
SB-7A	22L1392-20
SB-7B	22L1392-21
SB-7C	22L1392-22
SB-7C Dup	22L1392-23

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/4/2023
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-1A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-01 File ID:

Sampled: 12/28/22 08:30 Prepared: 12/29/22 12:15 Analyzed: 12/30/22 11:30

Solids: 95.08 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21695 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	95.1	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-1B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-02 File ID:

Sampled: 12/28/22 09:00 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 79.27 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	79.3	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-1C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-03 File ID:

Sampled: 12/28/22 09:15 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 67.98 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	68.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-2A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID:

Sampled: 12/28/22 10:30 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 93.65 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	93.7	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-2B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-05 File ID:

Sampled: 12/28/22 10:47 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 77.51 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	77.5	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-2C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-06 File ID:

Sampled: 12/28/22 11:15 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 78.37 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	78.4	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-3A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-07 File ID:

Sampled: 12/28/22 12:05 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 89.09 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	89.1	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-3B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-08 File ID:

Sampled: 12/28/22 12:35 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 77.69 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	77.7	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-3C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-09 File ID:

Sampled: 12/28/22 12:59 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 76.15 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	76.2	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-4A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-10 File ID:

Sampled: 12/28/22 13:20 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 87.86 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	87.9	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-4B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-11 File ID:

Sampled: 12/28/22 13:29 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 73.33 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	73.3	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-4C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-12 File ID:

Sampled: 12/28/22 13:38 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 75.97 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	76.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-5A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-13 File ID:

Sampled: 12/28/22 15:15 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 81.51 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	81.5	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-5B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-14 File ID:

Sampled: 12/28/22 15:29 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 87.80 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	87.8	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-5C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-15 File ID:

Sampled: 12/28/22 15:43 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 80.03 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	80.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-5D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-16 File ID:

Sampled: 12/28/22 15:59 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 75.26 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	75.3	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-6A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-17 File ID:

Sampled: 12/28/22 16:25 Prepared: 12/30/22 11:56 Analyzed: 12/30/22 15:07

Solids: 89.04 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BL21765 Sequence: Calibration: 12/30/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	89.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-6B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-18 File ID:

Sampled: 12/28/22 16:42 Prepared: 01/03/23 07:29 Analyzed: 01/03/23 14:07

Solids: 77.50 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BA30003 Sequence: Calibration: 01/03/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	77.5	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-6C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-19 File ID:

Sampled: 12/28/22 16:59 Prepared: 01/03/23 07:29 Analyzed: 01/03/23 14:07

Solids: 69.32 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BA30003 Sequence: Calibration: 01/03/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	69.3	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-7A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-20 File ID:

Sampled: 12/28/22 14:14 Prepared: 01/03/23 07:29 Analyzed: 01/03/23 14:07

Solids: 93.73 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BA30003 Sequence: Calibration: 01/03/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	93.7	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-21 File ID:

Sampled: 12/28/22 14:38 Prepared: 01/03/23 07:29 Analyzed: 01/03/23 14:07

Solids: 70.74 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BA30003 Sequence: Calibration: 01/03/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	70.7	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-7C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-22 File ID:

Sampled: 12/28/22 14:59 Prepared: 01/03/23 07:29 Analyzed: 01/03/23 14:07

Solids: 81.55 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BA30003 Sequence: Calibration: 01/03/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	81.5	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB-7C Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-23 File ID:

Sampled: 12/28/22 15:01 Prepared: 01/03/23 07:29 Analyzed: 01/03/23 14:07

Solids: 78.76 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BA30003 Sequence: Calibration: 01/03/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	78.8	1		SM 2540G

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30022	Laboratory ID:	BA30022-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Acetone	50.0	36.0	72.0		36 - 155
Acrolein	50.0	43.4	86.8		10 - 238
Acrylonitrile	50.0	52.3	105		66 - 141
Benzene	50.0	48.6	97.2		77 - 127
Bromobenzene	50.0	48.0	96.0		77 - 129
Bromochloromethane	50.0	47.8	95.6		74 - 129
Bromodichloromethane	50.0	46.7	93.3		81 - 124
Bromoform	50.0	42.0	84.1		80 - 136
Bromomethane	50.0	39.4	78.9		32 - 177
Carbon disulfide	50.0	51.6	103		10 - 136
Carbon tetrachloride	50.0	45.4	90.7		66 - 143
Chlorobenzene	50.0	52.0	104		86 - 120
Chloroethane	50.0	43.8	87.7		51 - 142
Chloroform	50.0	45.4	90.8		76 - 131
Chloromethane	50.0	26.6	53.3		49 - 132
cis-1,2-Dichloroethylene	50.0	46.1	92.2		74 - 132
cis-1,3-Dichloropropylene	50.0	49.4	98.8		81 - 129
Cyclohexane	50.0	51.6	103		70 - 130
Dibromochloromethane	50.0	42.2	84.4		10 - 200
Dibromomethane	50.0	46.5	92.9		83 - 124
Dichlorodifluoromethane	50.0	12.4	24.7	*	28 - 158
Diisopropyl ether (DIPE)	50.0	50.7	101		70 - 130
Ethanol		ND			70 - 130
Ethyl Benzene	50.0	47.3	94.6		84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	49.7	99.3		70 - 130
Hexachlorobutadiene	50.0	48.2	96.3		83 - 133
Iodomethane	50.0	42.7	85.5		70 - 130
Isopropylbenzene	50.0	49.2	98.4		81 - 127
Methyl acetate	50.0	47.1	94.2		41 - 143
Methyl Methacrylate	50.0	48.6	97.3		79 - 125

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30022	Laboratory ID:	BA30022-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	50.0	31.9	63.8		12.0	30	36 - 155
Acrolein	50.0	39.6	79.1		9.33	30	10 - 238
Acrylonitrile	50.0	48.0	96.1		8.51	30	66 - 141
Benzene	50.0	50.0	99.9		2.72	30	77 - 127
Bromobenzene	50.0	50.1	100		4.28	30	77 - 129
Bromochloromethane	50.0	47.0	94.1		1.62	30	74 - 129
Bromodichloromethane	50.0	47.1	94.2		0.896	30	81 - 124
Bromoform	50.0	39.3	78.5	*	6.81	30	80 - 136
Bromomethane	50.0	39.5	79.0		0.127	30	32 - 177
Carbon disulfide	50.0	54.0	108		4.39	30	10 - 136
Carbon tetrachloride	50.0	47.4	94.8		4.44	30	66 - 143
Chlorobenzene	50.0	52.7	105		1.38	30	86 - 120
Chloroethane	50.0	44.4	88.7		1.18	30	51 - 142
Chloroform	50.0	45.8	91.6		0.899	30	76 - 131
Chloromethane	50.0	27.9	55.8		4.66	30	49 - 132
cis-1,2-Dichloroethylene	50.0	46.5	92.9		0.843	30	74 - 132
cis-1,3-Dichloropropylene	50.0	49.0	98.0		0.792	30	81 - 129
Cyclohexane	50.0	54.0	108		4.41	30	70 - 130
Dibromochloromethane	50.0	41.4	82.8		1.84	30	10 - 200
Dibromomethane	50.0	45.3	90.6		2.53	30	83 - 124
Dichlorodifluoromethane	50.0	12.5	25.0	*	1.05	30	28 - 158
Diisopropyl ether (DIPE)	50.0	50.4	101		0.772	30	70 - 130
Ethanol		ND				30	70 - 130
Ethyl Benzene	50.0	49.0	98.0		3.53	30	84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	48.8	97.7		1.66	30	70 - 130
Hexachlorobutadiene	50.0	50.5	101		4.82	30	83 - 133
Iodomethane	50.0	44.6	89.2		4.26	30	70 - 130
Isopropylbenzene	50.0	52.4	105		6.28	30	81 - 127
Methyl acetate	50.0	43.9	87.8		7.12	30	41 - 143
Methyl Methacrylate	50.0	46.0	92.0		5.60	30	79 - 125

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30029	Laboratory ID:	BA30029-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Acrolein	10.0	8.64	86.4		10 - 153
Acrylonitrile	10.0	10.8	108		51 - 150
Benzene	10.0	10.2	102		85 - 126
Bromobenzene	10.0	10.2	102		78 - 129
Bromochloromethane	10.0	10.4	104		77 - 128
Bromodichloromethane	10.0	10.1	101		79 - 128
Bromoform	10.0	10.7	107		78 - 133
Bromomethane	10.0	7.39	73.9		43 - 168
Carbon disulfide	10.0	9.49	94.9		68 - 146
Carbon tetrachloride	10.0	10.1	101		77 - 141
Chlorobenzene	10.0	10.7	107		88 - 120
Chloroethane	10.0	9.51	95.1		65 - 136
Chloroform	10.0	10.1	101		82 - 128
Chloromethane	10.0	6.45	64.5		43 - 155
cis-1,2-Dichloroethylene	10.0	10.1	101		83 - 129
cis-1,3-Dichloropropylene	10.0	10.2	102		80 - 131
Cyclohexane	10.0	9.24	92.4		63 - 149
Dibromochloromethane	10.0	10.4	104		80 - 130
Dibromomethane	10.0	10.2	102		72 - 134
Dichlorodifluoromethane	10.0	3.22	32.2	*	44 - 144
Diisopropyl ether (DIPE)	10.0	10.5	105		70 - 130
Ethyl Benzene	10.0	10.2	102		80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.7	107		70 - 130
Hexachlorobutadiene	10.0	10.1	101		67 - 146
Iodomethane	10.0	6.68	66.8	*	70 - 130
Isopropylbenzene	10.0	10.4	104		76 - 140
Methyl acetate	10.0	9.51	95.1		51 - 139
Methyl Methacrylate	10.0	9.99	99.9		72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.1	101		76 - 135
Methylcyclohexane	10.0	9.19	91.9		72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30029	Laboratory ID:	BA30029-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	13.0	130	55 - 137
Naphthalene	10.0	10.9	109	70 - 147
n-Butylbenzene	10.0	11.0	110	79 - 132
n-Propylbenzene	10.0	10.4	104	78 - 133
o-Xylene	10.0	10.2	102	78 - 130
p- & m- Xylenes	20.0	20.6	103	77 - 133
p-Diethylbenzene	10.0	9.92	99.2	84 - 134
p-Ethyltoluene	10.0	10.3	103	88 - 129
p-Isopropyltoluene	10.0	10.2	102	81 - 136
sec-Butylbenzene	10.0	10.4	104	79 - 137
Styrene	10.0	10.1	101	67 - 132
tert-Amyl alcohol (TAA)	100	108	108	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.3	103	70 - 130
tert-Butyl alcohol (TBA)	50.0	53.1	106	25 - 162
tert-Butylbenzene	10.0	10.3	103	77 - 138
Tetrachloroethylene	10.0	5.48	54.8 *	82 - 131
Tetrahydrofuran	10.0	10.7	107	36 - 166
Toluene	10.0	10.1	101	80 - 127
trans-1,2-Dichloroethylene	10.0	9.87	98.7	80 - 132
trans-1,3-Dichloropropylene	10.0	10.3	103	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.0	100	63 - 141
Trichloroethylene	10.0	9.32	93.2	82 - 128
Trichlorofluoromethane	20.0	9.25	46.2 *	67 - 139
Vinyl acetate	10.0	10.1	101 *	21 - 90
Vinyl Chloride	10.0	7.88	78.8	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30029	Laboratory ID:	BA30029-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acrolein	10.0	8.90	89.0		2.96	30	10 - 153
Acrylonitrile	10.0	10.9	109		0.460	30	51 - 150
Benzene	10.0	10.6	106		3.36	30	85 - 126
Bromobenzene	10.0	10.4	104		2.14	30	78 - 129
Bromochloromethane	10.0	10.5	105		1.34	30	77 - 128
Bromodichloromethane	10.0	10.4	104		3.02	30	79 - 128
Bromoform	10.0	10.9	109		1.57	30	78 - 133
Bromomethane	10.0	8.26	82.6		11.1	30	43 - 168
Carbon disulfide	10.0	9.82	98.2		3.42	30	68 - 146
Carbon tetrachloride	10.0	10.6	106		5.50	30	77 - 141
Chlorobenzene	10.0	11.0	110		3.31	30	88 - 120
Chloroethane	10.0	10.0	100		5.52	30	65 - 136
Chloroform	10.0	10.5	105		3.89	30	82 - 128
Chloromethane	10.0	6.68	66.8		3.50	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.6	106		4.26	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104		2.43	30	80 - 131
Cyclohexane	10.0	9.71	97.1		4.96	30	63 - 149
Dibromochloromethane	10.0	10.5	105		1.63	30	80 - 130
Dibromomethane	10.0	10.5	105		2.22	30	72 - 134
Dichlorodifluoromethane	10.0	3.41	34.1	*	5.73	30	44 - 144
Diisopropyl ether (DIPE)	10.0	10.7	107		2.08	30	70 - 130
Ethyl Benzene	10.0	10.6	106		4.34	30	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.9	109		2.13	30	70 - 130
Hexachlorobutadiene	10.0	10.7	107		6.05	30	67 - 146
Iodomethane	10.0	7.33	73.3		9.28	30	70 - 130
Isopropylbenzene	10.0	10.8	108		3.48	30	76 - 140
Methyl acetate	10.0	9.58	95.8		0.733	30	51 - 139
Methyl Methacrylate	10.0	10.6	106		5.45	30	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.3	103		1.87	30	76 - 135
Methylcyclohexane	10.0	9.73	97.3		5.71	30	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30029	Laboratory ID:	BA30029-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	12.3	123	6.09	30	55 - 137
Naphthalene	10.0	11.2	112	2.71	30	70 - 147
n-Butylbenzene	10.0	11.7	117	5.71	30	79 - 132
n-Propylbenzene	10.0	10.8	108	3.87	30	78 - 133
o-Xylene	10.0	10.6	106	4.03	30	78 - 130
p- & m- Xylenes	20.0	21.5	107	4.28	30	77 - 133
p-Diethylbenzene	10.0	10.5	105	5.59	30	84 - 134
p-Ethyltoluene	10.0	10.7	107	4.01	30	88 - 129
p-Isopropyltoluene	10.0	10.7	107	4.79	30	81 - 136
sec-Butylbenzene	10.0	10.9	109	4.98	30	79 - 137
Styrene	10.0	11.0	110	8.42	30	67 - 132
tert-Amyl alcohol (TAA)	100	110	110	2.66	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.6	106	2.20	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	55.3	111	4.17	30	25 - 162
tert-Butylbenzene	10.0	10.7	107	3.81	30	77 - 138
Tetrachloroethylene	10.0	5.73	57.3 *	4.46	30	82 - 131
Tetrahydrofuran	10.0	11.1	111	3.66	30	36 - 166
Toluene	10.0	10.5	105	3.99	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.4	104	5.23	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.4	104	1.25	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.2	102	1.87	30	63 - 141
Trichloroethylene	10.0	9.73	97.3	4.30	30	82 - 128
Trichlorofluoromethane	20.0	9.76	48.8 *	5.37	30	67 - 139
Vinyl acetate	10.0	10.4	104 *	3.03	30	21 - 90
Vinyl Chloride	10.0	8.48	84.8	7.33	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30106	Laboratory ID:	BA30106-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Acrolein	10.0	6.40	64.0	10 - 153
Acrylonitrile	10.0	10.4	104	51 - 150
Benzene	10.0	10.2	102	85 - 126
Bromobenzene	10.0	8.37	83.7	78 - 129
Bromochloromethane	10.0	10.2	102	77 - 128
Bromodichloromethane	10.0	8.81	88.1	79 - 128
Bromoform	10.0	11.4	114	78 - 133
Bromomethane	10.0	8.18	81.8	43 - 168
Carbon disulfide	10.0	10.0	100	68 - 146
Carbon tetrachloride	10.0	10.5	105	77 - 141
Chlorobenzene	10.0	10.1	101	88 - 120
Chloroethane	10.0	8.92	89.2	65 - 136
Chloroform	10.0	10.2	102	82 - 128
Chloromethane	10.0	6.25	62.5	43 - 155
cis-1,2-Dichloroethylene	10.0	9.60	96.0	83 - 129
cis-1,3-Dichloropropylene	10.0	8.54	85.4	80 - 131
Cyclohexane	10.0	9.53	95.3	63 - 149
Dibromochloromethane	10.0	9.77	97.7	80 - 130
Dibromomethane	10.0	9.31	93.1	72 - 134
Dichlorodifluoromethane	10.0	3.33	33.3 *	44 - 144
Diisopropyl ether (DIPE)	10.0	9.72	97.2	70 - 130
Ethyl Benzene	10.0	9.34	93.4	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.0	100	70 - 130
Hexachlorobutadiene	10.0	13.4	134	67 - 146
Iodomethane	10.0	10.8	108	70 - 130
Isopropylbenzene	10.0	9.20	92.0	76 - 140
Methyl acetate	10.0	9.45	94.5	51 - 139
Methyl Methacrylate	10.0	8.58	85.8	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.0	100	76 - 135
Methylcyclohexane	10.0	9.22	92.2	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30106	Laboratory ID:	BA30106-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	10.4	104	55 - 137
Naphthalene	10.0	9.21	92.1	70 - 147
n-Butylbenzene	10.0	10.2	102	79 - 132
n-Propylbenzene	10.0	9.00	90.0	78 - 133
o-Xylene	10.0	9.43	94.3	78 - 130
p- & m- Xylenes	20.0	18.5	92.4	77 - 133
p-Diethylbenzene	10.0	10.5	105	84 - 134
p-Ethyltoluene	10.0	9.42	94.2	88 - 129
p-Isopropyltoluene	10.0	10.3	103	81 - 136
sec-Butylbenzene	10.0	9.93	99.3	79 - 137
Styrene	10.0	10.1	101	67 - 132
tert-Amyl alcohol (TAA)	100	90.2	90.2	70 - 130
tert-Amyl methyl ether (TAME)	10.0	9.77	97.7	70 - 130
tert-Butyl alcohol (TBA)	50.0	52.4	105	25 - 162
tert-Butylbenzene	10.0	9.17	91.7	77 - 138
Tetrachloroethylene	10.0	8.18	81.8 *	82 - 131
Tetrahydrofuran	10.0	9.70	97.0	36 - 166
Toluene	10.0	9.06	90.6	80 - 127
trans-1,2-Dichloroethylene	10.0	9.52	95.2	80 - 132
trans-1,3-Dichloropropylene	10.0	8.74	87.4	78 - 131
trans-1,4-dichloro-2-butene	10.0	6.64	66.4	63 - 141
Trichloroethylene	10.0	8.87	88.7	82 - 128
Trichlorofluoromethane	20.0	9.53	47.6 *	67 - 139
Vinyl acetate	10.0	8.59	85.9	21 - 90
Vinyl Chloride	10.0	7.37	73.7	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30106	Laboratory ID:	BA30106-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acrolein	10.0	3.52	35.2	58.1 *	30	10 - 153
Acrylonitrile	10.0	12.3	123	16.9	30	51 - 150
Benzene	10.0	10.4	104	1.56	30	85 - 126
Bromobenzene	10.0	8.23	82.3	1.69	30	78 - 129
Bromochloromethane	10.0	10.9	109	6.55	30	77 - 128
Bromodichloromethane	10.0	8.78	87.8	0.341	30	79 - 128
Bromoform	10.0	11.9	119	4.13	30	78 - 133
Bromomethane	10.0	8.64	86.4	5.47	30	43 - 168
Carbon disulfide	10.0	9.93	99.3	1.10	30	68 - 146
Carbon tetrachloride	10.0	10.6	106	0.947	30	77 - 141
Chlorobenzene	10.0	10.0	100	0.199	30	88 - 120
Chloroethane	10.0	8.73	87.3	2.15	30	65 - 136
Chloroform	10.0	10.3	103	1.66	30	82 - 128
Chloromethane	10.0	6.00	60.0	4.08	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.71	97.1	1.14	30	83 - 129
cis-1,3-Dichloropropylene	10.0	8.81	88.1	3.11	30	80 - 131
Cyclohexane	10.0	9.58	95.8	0.523	30	63 - 149
Dibromochloromethane	10.0	10.1	101	3.42	30	80 - 130
Dibromomethane	10.0	9.38	93.8	0.749	30	72 - 134
Dichlorodifluoromethane	10.0	3.46	34.6 *	3.83	30	44 - 144
Diisopropyl ether (DIPE)	10.0	10.4	104	6.28	30	70 - 130
Ethyl Benzene	10.0	9.17	91.7	1.84	30	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.8	108	7.66	30	70 - 130
Hexachlorobutadiene	10.0	13.2	132	1.20	30	67 - 146
Iodomethane	10.0	10.7	107	0.372	30	70 - 130
Isopropylbenzene	10.0	8.67	86.7	5.93	30	76 - 140
Methyl acetate	10.0	10.4	104	9.86	30	51 - 139
Methyl Methacrylate	10.0	9.32	93.2	8.27	30	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.9	109	8.89	30	76 - 135
Methylcyclohexane	10.0	8.83	88.3	4.32	30	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30106	Laboratory ID:	BA30106-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	10.6	106	2.29	30	55 - 137
Naphthalene	10.0	10.7	107	14.7	30	70 - 147
n-Butylbenzene	10.0	10.1	101	0.988	30	79 - 132
n-Propylbenzene	10.0	8.67	86.7	3.74	30	78 - 133
o-Xylene	10.0	9.33	93.3	1.07	30	78 - 130
p- & m- Xylenes	20.0	18.2	91.0	1.58	30	77 - 133
p-Diethylbenzene	10.0	10.4	104	0.859	30	84 - 134
p-Ethyltoluene	10.0	9.02	90.2	4.34	30	88 - 129
p-Isopropyltoluene	10.0	9.99	99.9	2.96	30	81 - 136
sec-Butylbenzene	10.0	9.60	96.0	3.38	30	79 - 137
Styrene	10.0	10.0	100	0.895	30	67 - 132
tert-Amyl alcohol (TAA)	100	43.9	43.9 *	69.1 *	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	11.1	111	12.7	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	66.4	133	23.4	30	25 - 162
tert-Butylbenzene	10.0	8.88	88.8	3.21	30	77 - 138
Tetrachloroethylene	10.0	7.85	78.5 *	4.12	30	82 - 131
Tetrahydrofuran	10.0	9.84	98.4	1.43	30	36 - 166
Toluene	10.0	8.97	89.7	0.998	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.69	96.9	1.77	30	80 - 132
trans-1,3-Dichloropropylene	10.0	9.04	90.4	3.37	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	7.11	71.1	6.84	30	63 - 141
Trichloroethylene	10.0	8.79	87.9	0.906	30	82 - 128
Trichlorofluoromethane	20.0	9.72	48.6 *	1.97	30	67 - 139
Vinyl acetate	10.0	9.32	93.2 *	8.15	30	21 - 90
Vinyl Chloride	10.0	7.12	71.2	3.45	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BL21749	Laboratory ID:	BL21749-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Acetone	50.0	35.3	70.6	36 - 155
Acrolein	50.0	41.6	83.3	10 - 238
Acrylonitrile	50.0	52.1	104	66 - 141
Benzene	50.0	52.5	105	77 - 127
Bromobenzene	50.0	52.8	106	77 - 129
Bromochloromethane	50.0	53.7	107	74 - 129
Bromodichloromethane	50.0	50.9	102	81 - 124
Bromoform	50.0	48.1	96.2	80 - 136
Bromomethane	50.0	47.3	94.5	32 - 177
Carbon disulfide	50.0	48.5	96.9	10 - 136
Carbon tetrachloride	50.0	52.3	105	66 - 143
Chlorobenzene	50.0	54.3	109	86 - 120
Chloroethane	50.0	52.5	105	51 - 142
Chloroform	50.0	51.8	104	76 - 131
Chloromethane	50.0	31.0	62.0	49 - 132
cis-1,2-Dichloroethylene	50.0	51.4	103	74 - 132
cis-1,3-Dichloropropylene	50.0	50.7	101	81 - 129
Cyclohexane	50.0	48.9	97.9	70 - 130
Dibromochloromethane	50.0	50.6	101	10 - 200
Dibromomethane	50.0	49.4	98.8	83 - 124
Dichlorodifluoromethane	50.0	13.7	27.5 *	28 - 158
Diisopropyl ether (DIPE)	50.0	53.0	106	70 - 130
Ethanol		ND		70 - 130
Ethyl Benzene	50.0	52.1	104	84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	52.1	104	70 - 130
Hexachlorobutadiene	50.0	51.0	102	83 - 133
Iodomethane	50.0	53.0	106	70 - 130
Isopropylbenzene	50.0	54.8	110	81 - 127
Methyl acetate	50.0	49.7	99.3	41 - 143
Methyl Methacrylate	50.0	50.1	100	79 - 125

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BL21749	Laboratory ID:	BL21749-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	50.0	35.2	70.3	0.369	30	36 - 155
Acrolein	50.0	42.2	84.5	1.48	30	10 - 238
Acrylonitrile	50.0	51.8	104	0.597	30	66 - 141
Benzene	50.0	52.7	105	0.437	30	77 - 127
Bromobenzene	50.0	53.3	107	0.943	30	77 - 129
Bromochloromethane	50.0	54.6	109	1.77	30	74 - 129
Bromodichloromethane	50.0	52.1	104	2.29	30	81 - 124
Bromoform	50.0	48.5	96.9	0.704	30	80 - 136
Bromomethane	50.0	47.3	94.7	0.169	30	32 - 177
Carbon disulfide	50.0	48.8	97.6	0.638	30	10 - 136
Carbon tetrachloride	50.0	53.2	106	1.74	30	66 - 143
Chlorobenzene	50.0	54.4	109	0.331	30	86 - 120
Chloroethane	50.0	52.5	105	0.0381	30	51 - 142
Chloroform	50.0	51.9	104	0.193	30	76 - 131
Chloromethane	50.0	30.7	61.3	1.04	30	49 - 132
cis-1,2-Dichloroethylene	50.0	52.1	104	1.35	30	74 - 132
cis-1,3-Dichloropropylene	50.0	51.7	103	2.01	30	81 - 129
Cyclohexane	50.0	49.6	99.2	1.32	30	70 - 130
Dibromochloromethane	50.0	52.1	104	2.92	30	10 - 200
Dibromomethane	50.0	50.1	100	1.33	30	83 - 124
Dichlorodifluoromethane	50.0	13.9	27.8 *	1.37	30	28 - 158
Diisopropyl ether (DIPE)	50.0	53.8	108	1.39	30	70 - 130
Ethanol		2.74		200 *	30	70 - 130
Ethyl Benzene	50.0	52.3	105	0.326	30	84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	53.2	106	2.07	30	70 - 130
Hexachlorobutadiene	50.0	50.3	101	1.28	30	83 - 133
Iodomethane	50.0	55.0	110	3.76	30	70 - 130
Isopropylbenzene	50.0	56.1	112	2.36	30	81 - 127
Methyl acetate	50.0	49.2	98.5	0.870	30	41 - 143
Methyl Methacrylate	50.0	50.2	100	0.140	30	79 - 125

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BL21750	Laboratory ID:	BL21750-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Acetone	50.0	34.7	69.4		36 - 155
Acrolein	50.0	26.6	53.2		10 - 238
Acrylonitrile	50.0	48.9	97.9		66 - 141
Benzene	50.0	54.3	109		77 - 127
Bromobenzene	50.0	42.5	85.0		77 - 129
Bromochloromethane	50.0	50.0	99.9		74 - 129
Bromodichloromethane	50.0	45.4	90.8		81 - 124
Bromoform	50.0	45.4	90.8		80 - 136
Bromomethane	50.0	45.1	90.2		32 - 177
Carbon disulfide	50.0	49.1	98.1		10 - 136
Carbon tetrachloride	50.0	53.6	107		66 - 143
Chlorobenzene	50.0	52.4	105		86 - 120
Chloroethane	50.0	48.1	96.1		51 - 142
Chloroform	50.0	53.0	106		76 - 131
Chloromethane	50.0	27.6	55.3		49 - 132
cis-1,2-Dichloroethylene	50.0	49.9	99.7		74 - 132
cis-1,3-Dichloropropylene	50.0	44.8	89.7		81 - 129
Cyclohexane	50.0	47.1	94.2		70 - 130
Dibromochloromethane	50.0	49.4	98.7		10 - 200
Dibromomethane	50.0	45.9	91.9		83 - 124
Dichlorodifluoromethane	50.0	13.6	27.2	*	28 - 158
Diisopropyl ether (DIPE)	50.0	49.6	99.3		70 - 130
Ethanol		ND			70 - 130
Ethyl Benzene	50.0	49.5	99.0		84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	49.4	98.8		70 - 130
Hexachlorobutadiene	50.0	47.2	94.3		83 - 133
Iodomethane	50.0	53.6	107		70 - 130
Isopropylbenzene	50.0	46.8	93.6		81 - 127
Methyl acetate	50.0	43.0	86.0		41 - 143
Methyl Methacrylate	50.0	42.8	85.6		79 - 125

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BL21750	Laboratory ID:	BL21750-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	50.0	37.8	75.5		8.45	30	36 - 155
Acrolein	50.0	29.6	59.2		10.6	30	10 - 238
Acrylonitrile	50.0	52.5	105		7.08	30	66 - 141
Benzene	50.0	58.4	117		7.34	30	77 - 127
Bromobenzene	50.0	45.2	90.3		6.09	30	77 - 129
Bromochloromethane	50.0	53.1	106		6.04	30	74 - 129
Bromodichloromethane	50.0	48.3	96.7		6.32	30	81 - 124
Bromoform	50.0	48.7	97.3		6.97	30	80 - 136
Bromomethane	50.0	47.4	94.7		4.93	30	32 - 177
Carbon disulfide	50.0	53.0	106		7.66	30	10 - 136
Carbon tetrachloride	50.0	58.2	116		8.15	30	66 - 143
Chlorobenzene	50.0	56.1	112		6.91	30	86 - 120
Chloroethane	50.0	50.4	101		4.83	30	51 - 142
Chloroform	50.0	56.9	114		7.06	30	76 - 131
Chloromethane	50.0	29.4	58.9		6.27	30	49 - 132
cis-1,2-Dichloroethylene	50.0	53.7	107		7.36	30	74 - 132
cis-1,3-Dichloropropylene	50.0	47.9	95.9		6.64	30	81 - 129
Cyclohexane	50.0	51.5	103		8.82	30	70 - 130
Dibromochloromethane	50.0	51.8	104		4.92	30	10 - 200
Dibromomethane	50.0	49.9	99.8		8.29	30	83 - 124
Dichlorodifluoromethane	50.0	14.0	27.9	*	2.76	30	28 - 158
Diisopropyl ether (DIPE)	50.0	52.9	106		6.41	30	70 - 130
Ethanol		ND				30	70 - 130
Ethyl Benzene	50.0	53.3	107		7.49	30	84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	51.9	104		4.97	30	70 - 130
Hexachlorobutadiene	50.0	51.2	102		8.29	30	83 - 133
Iodomethane	50.0	58.1	116		7.95	30	70 - 130
Isopropylbenzene	50.0	51.0	102		8.65	30	81 - 127
Methyl acetate	50.0	47.3	94.5		9.44	30	41 - 143
Methyl Methacrylate	50.0	46.5	93.0		8.29	30	79 - 125

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BL21751	Laboratory ID:	BL21751-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Acetone	50.0	33.8	67.6		36 - 155
Acrolein	50.0	42.7	85.3		10 - 238
Acrylonitrile	50.0	51.5	103		66 - 141
Benzene	50.0	48.1	96.3		77 - 127
Bromobenzene	50.0	48.3	96.6		77 - 129
Bromochloromethane	50.0	47.0	93.9		74 - 129
Bromodichloromethane	50.0	45.7	91.3		81 - 124
Bromoform	50.0	38.9	77.7	*	80 - 136
Bromomethane	50.0	37.6	75.1		32 - 177
Carbon disulfide	50.0	50.2	100		10 - 136
Carbon tetrachloride	50.0	43.0	86.0		66 - 143
Chlorobenzene	50.0	50.2	100		86 - 120
Chloroethane	50.0	42.0	83.9		51 - 142
Chloroform	50.0	44.2	88.4		76 - 131
Chloromethane	50.0	25.0	49.9		49 - 132
cis-1,2-Dichloroethylene	50.0	44.8	89.6		74 - 132
cis-1,3-Dichloropropylene	50.0	47.7	95.4		81 - 129
Cyclohexane	50.0	51.5	103		70 - 130
Dibromochloromethane	50.0	40.8	81.5		10 - 200
Dibromomethane	50.0	45.6	91.3		83 - 124
Dichlorodifluoromethane	50.0	10.3	20.5	*	28 - 158
Diisopropyl ether (DIPE)	50.0	49.9	99.8		70 - 130
Ethanol		ND			70 - 130
Ethyl Benzene	50.0	46.3	92.6		84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	47.4	94.9		70 - 130
Hexachlorobutadiene	50.0	45.5	91.0		83 - 133
Iodomethane	50.0	41.1	82.3		70 - 130
Isopropylbenzene	50.0	49.2	98.3		81 - 127
Methyl acetate	50.0	47.2	94.3		41 - 143
Methyl Methacrylate	50.0	49.0	97.9		79 - 125

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BL21751	Laboratory ID:	BL21751-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	50.0	32.6	65.2		3.58	30	36 - 155
Acrolein	50.0	41.9	83.8		1.84	30	10 - 238
Acrylonitrile	50.0	52.3	105		1.62	30	66 - 141
Benzene	50.0	48.8	97.5		1.28	30	77 - 127
Bromobenzene	50.0	48.7	97.3		0.742	30	77 - 129
Bromochloromethane	50.0	48.5	96.9		3.16	30	74 - 129
Bromodichloromethane	50.0	45.7	91.5		0.175	30	81 - 124
Bromoform	50.0	39.5	78.9	*	1.56	30	80 - 136
Bromomethane	50.0	37.6	75.2		0.160	30	32 - 177
Carbon disulfide	50.0	49.8	99.6		0.700	30	10 - 136
Carbon tetrachloride	50.0	44.2	88.3		2.62	30	66 - 143
Chlorobenzene	50.0	51.5	103		2.48	30	86 - 120
Chloroethane	50.0	43.1	86.2		2.61	30	51 - 142
Chloroform	50.0	44.6	89.2		0.991	30	76 - 131
Chloromethane	50.0	24.9	49.9		0.0802	30	49 - 132
cis-1,2-Dichloroethylene	50.0	45.3	90.5		0.999	30	74 - 132
cis-1,3-Dichloropropylene	50.0	48.5	97.1		1.79	30	81 - 129
Cyclohexane	50.0	52.8	106		2.36	30	70 - 130
Dibromochloromethane	50.0	40.7	81.5		0.0245	30	10 - 200
Dibromomethane	50.0	45.8	91.6		0.350	30	83 - 124
Dichlorodifluoromethane	50.0	10.1	20.1	*	1.87	30	28 - 158
Diisopropyl ether (DIPE)	50.0	50.3	101		0.679	30	70 - 130
Ethanol		ND				30	70 - 130
Ethyl Benzene	50.0	47.2	94.5		1.95	30	84 - 125
Ethyl tert-butyl ether (ETBE)	50.0	48.2	96.5		1.67	30	70 - 130
Hexachlorobutadiene	50.0	47.4	94.8		4.07	30	83 - 133
Iodomethane	50.0	42.3	84.6		2.73	30	70 - 130
Isopropylbenzene	50.0	50.4	101		2.59	30	81 - 127
Methyl acetate	50.0	47.7	95.3		1.08	30	41 - 143
Methyl Methacrylate	50.0	48.7	97.4		0.532	30	79 - 125

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	BA30021-BLK1	File ID:	V2617592.D
Prepared:	01/03/23 09:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	01/03/23 11:42	Instrument:	MS VOA 2		
Batch:	BA30021	Sequence:	S3A0404	Calibration:	SL20034

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.0084	J
91-20-3	Naphthalene	0.010	U
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
105-05-5	p-Diethylbenzene	0.0050	U
622-96-8	p-Ethyltoluene	0.0050	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-85-4	tert-Amyl alcohol (TAA)	0.080	U
994-05-8	tert-Amyl methyl ether (TAME)	0.0080	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U
109-99-9	Tetrahydrofuran	0.010	U
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
110-57-6	trans-1,4-dichloro-2-butene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
108-05-4	Vinyl acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.2	98.5	77 - 125	

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	BA30021-BLK2	File ID:	V2617593.D
Prepared:	01/03/23 09:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	01/03/23 12:10	Instrument:	MS VOA 2		
Batch:	BA30021	Sequence:	S3A0404	Calibration:	SL20034

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
108-87-2	Methylcyclohexane	0.50	U
75-09-2	Methylene chloride	1.0	D
91-20-3	Naphthalene	1.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
100-42-5	Styrene	0.50	U
75-85-4	tert-Amyl alcohol (TAA)	8.0	U
994-05-8	tert-Amyl methyl ether (TAME)	0.80	U
75-65-0	tert-Butyl alcohol (TBA)	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
109-99-9	Tetrahydrofuran	1.0	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
108-05-4	Vinyl acetate	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.3	98.6	77 - 125	D

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	BA30022-BLK1	File ID:	V5428641.D
Prepared:	01/03/23 09:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	01/03/23 11:46	Instrument:	VOA No. 5		
Batch:	BA30022	Sequence:	S3A0414	Calibration:	SL20014

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
1634-04-4	Methyl tert-butyl ether (MTBE)	0.0050	U
108-87-2	Methylcyclohexane	0.0050	U
75-09-2	Methylene chloride	0.0074	J
91-20-3	Naphthalene	0.010	U
104-51-8	n-Butylbenzene	0.0050	U
103-65-1	n-Propylbenzene	0.0050	U
95-47-6	o-Xylene	0.0050	U
179601-23-1	p- & m- Xylenes	0.010	U
105-05-5	p-Diethylbenzene	0.0050	U
622-96-8	p-Ethyltoluene	0.0050	U
99-87-6	p-Isopropyltoluene	0.0050	U
135-98-8	sec-Butylbenzene	0.0050	U
100-42-5	Styrene	0.0050	U
75-85-4	tert-Amyl alcohol (TAA)	0.080	U
994-05-8	tert-Amyl methyl ether (TAME)	0.0080	U
75-65-0	tert-Butyl alcohol (TBA)	0.0050	U
98-06-6	tert-Butylbenzene	0.0050	U
127-18-4	Tetrachloroethylene	0.0050	U
109-99-9	Tetrahydrofuran	0.010	U
108-88-3	Toluene	0.0050	U
156-60-5	trans-1,2-Dichloroethylene	0.0050	U
10061-02-6	trans-1,3-Dichloropropylene	0.0050	U
110-57-6	trans-1,4-dichloro-2-butene	0.0050	U
79-01-6	Trichloroethylene	0.0050	U
75-69-4	Trichlorofluoromethane	0.0050	U
108-05-4	Vinyl acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0050	U
1330-20-7	Xylenes, Total	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	43.5	87.0	77 - 125	

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	BA30022-BLK2	File ID:	V5428642.D
Prepared:	01/03/23 09:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	01/03/23 12:13	Instrument:	VOA No. 5		
Batch:	BA30022	Sequence:	S3A0414	Calibration:	SL20014

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
108-87-2	Methylcyclohexane	0.50	U
75-09-2	Methylene chloride	0.75	JD
91-20-3	Naphthalene	1.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
100-42-5	Styrene	0.50	U
75-85-4	tert-Amyl alcohol (TAA)	8.0	U
994-05-8	tert-Amyl methyl ether (TAME)	0.80	U
75-65-0	tert-Butyl alcohol (TBA)	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
109-99-9	Tetrahydrofuran	1.0	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
108-05-4	Vinyl acetate	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	44.4	88.7	77 - 125	D

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20009
Instrument: VOA No. 10
Calibration Date: 12/02/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2074555	10.49112	8.966143	2.885472E-02			20	
1,1,1-Trichloroethane	1.244114	8.5577	5.225	0.0481038			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3965311	9.448966	10.27086	3.878882E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.7367971	7.032176	3.089571	8.770552E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1518637	5.64119	7.830571	2.321327E-02			SPCC (0.1)	
1,1-Dichloroethane	1.572662	4.780463	4.203	3.061469E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.287954	4.062242	3.085143	5.973658E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.183818	7.720054	5.376857	2.574884E-02			20	
1,2,3-Trichlorobenzene	0.2805553	8.0964	14.25829	2.298803E-02			20	
1,2,3-Trichloropropane	0.1069194	14.30089	10.32057	2.933807E-02			20	
1,2,3-Trimethylbenzene	2.434282	5.017829	11.50014	1.505121E-02			20	
1,2,4,5-Tetramethylbenzene	1.466622	8.716797	12.704	1.965333E-02			20	
1,2,4-Trichlorobenzene	0.3922868	6.648689	13.69486	2.560118E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.79504	7.150744	11.02286	3.296352E-03			20	
1,2-Dibromo-3-chloropropane	6.444527E-02	23.1706	12.73943	2.428256E-02		0.9995755	SPCC (0.05)	
1,2-Dibromoethane	0.1324546	6.376967	8.366572	2.911221E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.025943	6.270772	11.85971	1.523239E-02			SPCC (0.4)	
1,2-Dichloroethane	0.8845392	4.775671	5.579	1.538532E-02			SPCC (0.1)	
1,2-Dichloropropane	0.3009164	5.16919	6.392857	5.473631E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.982075	5.374816	10.604	9.266081E-03			20	
1,3-Dichlorobenzene	1.265663	5.071284	11.339	1.749455E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2897528	6.948869	8.007428	3.824151E-02			20	
1,4-Dichlorobenzene	1.222273	6.128711	11.43743	2.476172E-02			SPCC (0.5)	
1,4-Dioxane	9.28649E-04	38.07059	6.532286	7.792113E-02		0.9959812	0.99	
2,2-Dichloropropane	1.273163	3.373591	4.748571	0.0226392			20	
2-Butanone	5.218309E-02	8.6103	4.760143	7.555194E-02			SPCC (0.1)	
2-Chlorotoluene	3.132262	5.515341	10.50557	2.740311E-02			20	
2-Hexanone	9.133695E-02	18.67198	8.088714	3.126863E-02			SPCC (0.1)	
4-Chlorotoluene	3.116953	4.74982	10.62586	2.568341E-02			20	
4-Methyl-2-pentanone	0.1674635	6.730691	7.246429	6.741232E-02			SPCC (0.1)	
Acetone	0.1820813	14.79767	3.136714	0.1335802			SPCC (0.1)	
Acrolein	4.642054E-02	21.18067	2.985286	0.2245849		0.9967967	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20009
Instrument: VOA No. 10
Calibration Date: 12/02/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Methyl tert-butyl ether (MTBE)	1.450127	5.109829	3.817571	0.108642			SPCC (0.1)	
Methylcyclohexane	0.5677456	5.290252	6.375571	2.012751E-03			SPCC (0.1)	
Methylene chloride	1.179393	11.73204	3.543571	4.162738E-02			SPCC (0.1)	
Naphthalene	0.7787909	7.272008	13.97786	1.429118E-02			20	
n-Butylbenzene	2.779448	5.995044	11.84414	1.794726E-02			20	
n-Propylbenzene	4.801827	5.804068	10.40843	1.554695E-02			20	
o-Xylene	1.108236	5.401772	9.553429	1.709444E-02			SPCC (0.3)	
p- & m- Xylenes	1.131877	5.307528	9.125	1.747638E-02			SPCC (0.1)	
p-Diethylbenzene	1.336579	8.803436	11.81471	2.200265E-02			20	
p-Ethyltoluene	3.560626	5.656433	10.53571	3.092448E-02			20	
p-Isopropyltoluene	2.605043	5.637768	11.37986	1.143276E-02			20	
sec-Butylbenzene	3.353699	4.993064	11.21814	2.408326E-02			20	
Styrene	0.7493078	8.679575	9.565286	1.034983E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.056927	1.540972	5.508857	2.252315E-02			20	
SURR: p-Bromofluorobenzene	1.509786	1.491614	10.12029	2.206811E-02			20	
SURR: Toluene-d8	1.550327	0.8201596	7.366	1.556431E-02			20	
tert-Amyl alcohol (TAA)	4.064357E-03	23.38597	5.672857	5.091203E-02		0.9980412	0.99	
tert-Amyl methyl ether (TAME)	1.643942	6.046384	5.676	8.736723E-02			20	
tert-Butyl alcohol (TBA)	0.0285502	10.72571	3.657286	0.1467221			20	
tert-Butylbenzene	2.476868	7.789166	10.97086	5.305166E-04			20	
Tetrachloroethylene	0.372197	9.582748	7.996143	2.941369E-02			SPCC (0.2)	
Tetrahydrofuran	3.795151E-02	12.32299	5.034857	0.1485094			20	
Toluene	1.284135	4.900099	7.435714	2.280543E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.244043	3.598859	3.81	4.759149E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.3145976	10.74857	7.640857	2.967899E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.4682381	20.37702	10.325	3.106613E-02		0.9976204	0.99	
Trichloroethylene	0.3044096	4.062849	6.178286	2.982681E-02			SPCC (0.2)	
Trichlorofluoromethane	1.168663	4.85405	2.577143	6.888154E-02			SPCC (0.1)	
Vinyl acetate	2.243869	7.183299	4.267429	5.022564E-02			20	
Vinyl Chloride	0.9125671	5.006349	1.870571	5.904065E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20014
Instrument: VOA No. 5
Calibration Date: 12/05/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2443522	15.06132	8.847714	0.0245866			20	
1,1,1-Trichloroethane	2.168022	11.9966	5.086	3.151798E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4605184	4.890866	10.141	9.008059E-03			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.105666	4.37676	2.954571	0.0314105			SPCC (0.1)	
1,1,2-Trichloroethane	0.1793736	3.945887	7.720857	1.693641E-02			SPCC (0.1)	
1,1-Dichloroethane	1.661864	7.734157	4.083572	5.396097E-03			SPCC (0.2)	
1,1-Dichloroethylene	1.532283	3.528215	2.942	5.430286E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.670669	5.497477	5.231571	3.363294E-02			20	
1,2,3-Trichlorobenzene	0.6173288	6.312355	14.09171	4.768595E-03			20	
1,2,3-Trichloropropane	0.1810168	4.14829	10.20486	3.157593E-02			20	
1,2,3-Trimethylbenzene	2.553379	5.537156	11.34743	6.292883E-03			20	
1,2,4,5-Tetramethylbenzene	2.627323	11.21271	12.56643	1.242904E-02			20	
1,2,4-Trichlorobenzene	0.6849102	7.004254	13.54471	2.116306E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.860376	5.14636	10.88829	1.871384E-02			20	
1,2-Dibromo-3-chloropropane	9.357152E-02	19.71946	12.604	2.492133E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1812377	7.32085	8.239286	1.270909E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.097026	4.92395	11.717	1.659647E-02			SPCC (0.4)	
1,2-Dichloroethane	1.41757	3.613177	5.459429	0.0236795			SPCC (0.1)	
1,2-Dichloropropane	0.20806	7.60159	6.282	4.176518E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.03299	4.974201	10.47257	2.011961E-02			20	
1,3-Dichlorobenzene	1.236578	4.690181	11.20429	2.184143E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3290523	4.389853	7.886571	2.192647E-02			20	
1,4-Dichlorobenzene	1.216362	4.140458	11.321	4.007992E-03			SPCC (0.5)	
1,4-Dioxane	1.678017E-03	5.872044	6.348	7.497426E-02			20	
2,2-Dichloropropane	1.693095	19.18967	4.619286	0.0341927			20	
2-Butanone	8.123769E-02	4.072565	4.591571	6.204822E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	8.783778E-02	6.041885	6.797429	8.981007E-03			20	
2-Chlorotoluene	2.473382	4.303653	10.366	1.950914E-02			20	
2-Hexanone	0.1057595	6.728604	7.928571	2.971802E-02			SPCC (0.1)	
4-Chlorotoluene	2.805848	3.326959	10.50014	2.335937E-02			20	
4-Methyl-2-pentanone	0.1451223	6.942559	7.086286	3.366136E-02			SPCC (0.1)	
Acetone	0.2557371	12.86801	2.971857	4.652808E-02			SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20014
Instrument: VOA No. 5
Calibration Date: 12/05/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	7.497935E-02	6.515548	2.840286	6.063432E-02			20	
Acrylonitrile	0.147367	6.438868	3.619571	7.186779E-02			20	
Allyl chloride	0.3220061	4.363262	3.280429	3.572486E-02			20	
Benzene	3.748102	6.153666	5.414	2.763235E-02			SPCC (0.5)	
Bromobenzene	1.193031	4.999167	10.15443	1.187858E-02			20	
Bromochloromethane	0.5495887	7.005543	4.828857	2.528329E-02			20	
Bromodichloromethane	0.3569889	16.99019	6.530429	2.097078E-02			SPCC (0.2)	
Bromoform	9.450871E-02	28.48311	9.625714	2.763093E-02		0.9985325	SPCC (0.1)	
Bromomethane	0.7323031	5.532089	2.083571	0.1000892			SPCC (0.1)	
Carbon disulfide	2.203041	19.77938	3.157	4.549793E-02			SPCC (0.1)	
Carbon tetrachloride	1.851513	16.70988	5.234143	4.764088E-02			SPCC (0.1)	
Chlorobenzene	0.6873341	4.610556	8.752428	1.996592E-02			SPCC (0.5)	
Chloroethane	0.5979963	8.598174	2.194714	7.224168E-02			SPCC (0.1)	
Chloroform	2.051262	6.525377	4.922428	2.977745E-02			SPCC (0.2)	
Chloromethane	0.977551	5.901895	1.661143	8.756915E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.549896	6.306503	4.610571	2.792654E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3658227	17.72174	6.956286	2.119049E-02			SPCC (0.2)	
Cyclohexane	1.351044	12.96856	5.161714	5.252763E-02			SPCC (0.1)	
Dibromochloromethane	0.2148908	21.96991	8.111143	6.763829E-03		0.9992733	SPCC (0.1)	
Dibromomethane	0.1344503	5.346062	6.364429	0.0475384			20	
Dichlorodifluoromethane	1.70448	4.526314	1.495	2.109014E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.053577	10.82989	4.119	5.938406E-02			20	
Ethanol	4.63656E-03	6.012295	2.598857	8.776902E-02			20	
Ethyl Benzene	1.49077	5.833372	8.855428	1.675317E-02			SPCC (0.1)	
Ethyl tert-butyl ether (ETBE)	2.152061	11.44499	4.455428	3.862498E-02			20	
Hexachlorobutadiene	0.5186226	9.675257	13.71657	3.872933E-03			20	
Iodomethane	0.7750783	30.29611	3.082143	6.721348E-02		0.9992672	0.99	
Isopropylbenzene	3.509774	7.042898	9.809143	1.263678E-02			SPCC (0.1)	
Methyl acetate	0.3237932	3.523999	3.280429	3.572486E-02			SPCC (0.1)	
Methyl Methacrylate	0.12685	7.518686	6.324143	2.340654E-02			20	
Methyl tert-butyl ether (MTBE)	2.167671	6.673728	3.671571	3.014317E-02			SPCC (0.1)	
Methylcyclohexane	0.5495049	7.217368	6.271286	3.590647E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20028
Instrument: VOA No. 3
Calibration Date: 12/16/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2262963	11.10018	9.232714	2.511125E-02			20	
1,1,1-Trichloroethane	1.631651	7.515947	5.438143	2.299829E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3637629	10.57965	10.58929	1.754407E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.025958	7.069038	3.209143	6.468866E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1600346	6.599265	8.136428	0.018384			SPCC (0.1)	
1,1-Dichloroethane	1.501185	5.332249	4.442571	2.641794E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.256198	5.342626	3.249	1.457616E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.337612	4.4264	5.588	1.133434E-02			20	
1,2,3-Trichlorobenzene	0.6461089	13.14229	14.53314	1.488891E-02		0.999975	0.99	
1,2,3-Trichloropropane	0.1292622	5.822966	10.63814	1.639907E-02			20	
1,2,3-Trimethylbenzene	1.798302	6.030674	11.71714	1.033565E-02			20	
1,2,4,5-Tetramethylbenzene	1.938758	13.39703	12.89929	1.780148E-02			20	
1,2,4-Trichlorobenzene	0.727589	13.19532	13.95486	1.065309E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.019447	5.878678	11.22657	1.177776E-02			20	
1,2-Dibromo-3-chloropropane	5.765794E-02	25.27641	13.06586	2.330071E-03		0.9999362	SPCC (0.05)	
1,2-Dibromoethane	0.1583223	9.104455	8.676	3.303669E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.04902	4.218309	12.134	1.421989E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9713607	3.541069	5.872286	2.633415E-02			SPCC (0.1)	
1,2-Dichloropropane	0.1881029	5.811861	6.664571	2.599831E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.097004	5.482223	10.79857	2.423742E-02			20	
1,3-Dichlorobenzene	1.197441	3.95466	11.59614	1.868243E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2585218	5.642244	8.305571	1.460009E-02			20	
1,4-Dichlorobenzene	1.181145	4.356618	11.69843	8.097508E-03			SPCC (0.5)	
1,4-Dioxane	9.729543E-04	34.26864	6.801143	6.747452E-02		0.9992868	0.99	
2,2-Dichloropropane	1.392198	10.23889	4.969	1.181028E-02			20	
2-Butanone	7.318377E-02	11.41175	5.031286	7.584558E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	7.888266E-02	14.4515	7.203	2.101569E-02			20	
2-Chlorotoluene	1.893217	4.659461	10.74586	1.946241E-02			20	
2-Hexanone	8.483594E-02	11.6037	8.344143	3.026259E-02			SPCC (0.1)	
4-Chlorotoluene	1.625417	4.306388	10.87	1.768155E-02			20	
4-Methyl-2-pentanone	0.1222974	11.84809	7.493571	6.156584E-03			SPCC (0.1)	
Acetone	0.23432	11.11356	3.372714	7.259585E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20034
Instrument: MS VOA 2
Calibration Date: 12/20/22 14:58

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2061352	13.5489	9.261571	1.192691E-02			20	
1,1,1-Trichloroethane	1.281679	11.907	5.443286	2.763067E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.6109299	2.717423	10.62029	1.565042E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8366197	6.01689	3.201429	3.630868E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.219856	7.717386	8.153	2.802819E-02			SPCC (0.1)	
1,1-Dichloroethane	1.594755	8.348247	4.436	2.940835E-03			SPCC (0.2)	
1,1-Dichloroethylene	1.310921	4.963147	3.237143	8.114093E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.213047	8.079297	5.597143	3.371636E-02			20	
1,2,3-Trichlorobenzene	0.8686153	6.728189	14.59557	0.0166496			20	
1,2,3-Trichloropropane	0.1948993	1.397088	10.67086	1.408398E-02			20	
1,2,3-Trimethylbenzene	1.983167	7.229562	11.76757	1.845959E-02			20	
1,2,4,5-Tetramethylbenzene	2.335479	9.384065	12.959	0.0133443			20	
1,2,4-Trichlorobenzene	0.8583767	8.102095	14.01571	6.073324E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.022431	5.725435	11.27514	2.397411E-02			20	
1,2-Dibromo-3-chloropropane	0.1400845	16.1927	13.113	1.326809E-02			SPCC (0.05)	
1,2-Dibromoethane	0.2176766	9.42494	8.697286	0.0243476			SPCC (0.1)	
1,2-Dichlorobenzene	1.042314	6.377673	12.18157	1.747563E-02			SPCC (0.4)	
1,2-Dichloroethane	1.22013	7.881178	5.872143	2.074291E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2782708	8.207634	6.671714	1.835544E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.99612	4.550477	10.84386	1.135622E-02			20	
1,3-Dichlorobenzene	1.064555	5.426772	11.64186	1.391694E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3967438	6.689841	8.325572	2.856434E-02			20	
1,4-Dichlorobenzene	1.083504	5.782368	11.74614	8.847468E-03			SPCC (0.5)	
1,4-Dioxane	0.0031766	23.34665	6.807143	3.740427E-02		0.9997599	0.99	
2,2-Dichloropropane	1.1997	14.47115	4.968143	3.282411E-02			20	
2-Butanone	0.1388955	5.633563	5.019571	5.237499E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	0.1216974	4.159261	7.216143	3.031672E-02			20	
2-Chlorotoluene	1.894562	2.575373	10.78814	1.126317E-02			20	
2-Hexanone	0.2172351	8.573377	8.361857	2.517113E-02			SPCC (0.1)	
4-Chlorotoluene	1.669113	1.925817	10.91229	1.602249E-02			20	
4-Methyl-2-pentanone	0.3001453	5.713932	7.507	3.536417E-02			SPCC (0.1)	
Acetone	0.465629	8.968373	3.349	2.020123E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20046
Instrument: VOA No. 8
Calibration Date: 12/28/22 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2672877	9.915241	8.975857	1.764046E-02			20	
1,1,1-Trichloroethane	1.850424	7.612892	5.215714	5.879555E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3893561	6.609418	10.32743	3.068707E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.040781	6.085329	3.047	1.888553E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1730514	7.203282	7.885286	2.580959E-02			SPCC (0.1)	
1,1-Dichloroethane	1.976677	6.176419	4.237571	5.907741E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.668896	6.471462	3.084286	6.170335E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.590298	7.42433	5.363714	5.538253E-02			20	
1,2,3-Trichlorobenzene	3.278129E-02	4.557624	14.2525	0.0221341		0.9995198	0.99	
1,2,3-Trichloropropane	0.1255396	8.639129	10.37571	2.353246E-02			20	
1,2,3-Trimethylbenzene	2.234521	4.731922	11.45343	2.828145E-02			20	
1,2,4,5-Tetramethylbenzene	1.813454	5.870661	12.63629	2.476423E-02			20	
1,2,4-Trichlorobenzene	0.5597559	6.414571	13.678	1.589813E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.449042	6.288329	10.96786	1.286335E-02			20	
1,2-Dibromo-3-chloropropane	0.0663045	16.92817	12.78943	2.559892E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1636888	9.068205	8.418286	3.242342E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.101645	5.20113	11.86414	1.770831E-02			SPCC (0.4)	
1,2-Dichloroethane	1.164545	4.783608	5.638	1.205736E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2715047	6.863444	6.422857	3.962357E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.550242	6.102779	10.54371	1.669556E-02			20	
1,3-Dichlorobenzene	1.275502	6.655619	11.32914	1.607582E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3101712	6.205033	8.055	2.611671E-02			20	
1,4-Dichlorobenzene	1.273381	5.703502	11.43171	3.041556E-02			SPCC (0.5)	
1,4-Dioxane	1.362345E-03	20.07502	6.557286	3.159324E-02		0.9995548	0.99	
2,2-Dichloropropane	1.686629	5.50668	4.753143	5.484149E-02			20	
2-Butanone	8.636133E-02	10.39816	4.806	5.403653E-02		0.9993873	SPCC (0.1)	
2-Chlorotoluene	2.443518	5.213385	10.48443	2.528911E-02			20	
2-Hexanone	0.1293655	14.85517	8.093857	3.551218E-02			SPCC (0.1)	
4-Chlorotoluene	2.135447	5.17703	10.60886	2.805136E-02			20	
4-Methyl-2-pentanone	0.1574541	6.353582	7.251857	0.0375623			SPCC (0.1)	
Acetone	0.2877591	10.14582	3.19	8.701039E-02			SPCC (0.1)	
Acrolein	6.879162E-02	37.7488	3.039	0.1062657		0.9951761	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20009
Laboratory ID: S2L0627-SCV1
Sequence: S2L0627
Standard ID: S22L047

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
4-Chlorotoluene	10.0	10.9	9.0	30.00
4-Methyl-2-pentanone	10.0	7.45	-25.5	30.00
Acetone	10.0	5.24	-47.6 *	30.00
Acrolein	10.0	6.54	-34.6 *	30.00
Acrylonitrile	10.0	10.4	4.1	30.00
Benzene	10.0	10.8	7.6	30.00
Bromobenzene	10.0	10.8	8.1	30.00
Bromochloromethane	10.0	10.2	2.4	30.00
Bromodichloromethane	10.0	10.6	6.0	30.00
Bromoform	10.0	10.5	5.1	30.00
Bromomethane	10.0	9.52	-4.8	30.00
Carbon disulfide	10.0	10.9	9.1	30.00
Carbon tetrachloride	10.0	11.0	9.5	30.00
Chlorobenzene	10.0	11.4	13.6	30.00
Chloroethane	10.0	10.7	7.0	30.00
Chloroform	10.0	10.6	6.3	30.00
Chloromethane	10.0	9.81	-1.9	30.00
cis-1,2-Dichloroethylene	10.0	10.4	4.4	30.00
cis-1,3-Dichloropropylene	10.0	10.2	1.5	30.00
Cyclohexane	10.0	10.4	3.6	30.00
Dibromochloromethane	10.0	10.4	3.6	30.00
Dibromomethane	10.0	10.4	4.2	30.00
Dichlorodifluoromethane	10.0	9.03	-9.7	30.00
Diisopropyl ether (DIPE)	10.0	10.2	2.1	30.00
Ethyl Benzene	10.0	10.9	9.0	30.00
Ethyl tert-butyl ether (ETBE)	10.0	10.2	2.5	30.00
Hexachlorobutadiene	10.0	11.1	11.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20009
Laboratory ID: S2L0627-SCV1
Sequence: S2L0627
Standard ID: S22L047

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Trichloroethylene	10.0	11.0	10.5	30.00
Trichlorofluoromethane	20.0	10.7	-46.7 *	30.00
Vinyl acetate	10.0	9.92	-0.8	30.00
Vinyl Chloride	10.0	10.6	5.5	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20014
Laboratory ID: S2L0710-SCV1
Sequence: S2L0710
Standard ID: S22L049

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
2-Hexanone	50.0	47.2	-5.7	30.00
4-Chlorotoluene	50.0	47.5	-5.1	30.00
4-Methyl-2-pentanone	50.0	47.8	-4.3	30.00
Acetone	50.0	33.0	-34.0 *	30.00
Acrolein	50.0	41.1	-17.7	30.00
Acrylonitrile	50.0	51.4	2.9	30.00
Benzene	50.0	49.6	-0.7	30.00
Bromobenzene	50.0	48.2	-3.6	30.00
Bromochloromethane	50.0	49.6	-0.8	30.00
Bromodichloromethane	50.0	47.6	-4.8	30.00
Bromoform	50.0	41.2	-17.6	30.00
Bromomethane	50.0	45.7	-8.5	30.00
Carbon disulfide	50.0	53.8	7.6	30.00
Carbon tetrachloride	50.0	47.7	-4.7	30.00
Chlorobenzene	50.0	50.8	1.5	30.00
Chloroethane	50.0	48.4	-3.3	30.00
Chloroform	50.0	47.2	-5.6	30.00
Chloromethane	50.0	37.8	-24.4	30.00
cis-1,2-Dichloroethylene	50.0	47.3	-5.4	30.00
cis-1,3-Dichloropropylene	50.0	48.1	-3.8	30.00
Cyclohexane	50.0	54.6	9.2	30.00
Dibromochloromethane	50.0	42.3	-15.4	30.00
Dibromomethane	50.0	47.6	-4.8	30.00
Dichlorodifluoromethane	50.0	29.6	-40.8 *	30.00
Diisopropyl ether (DIPE)	50.0	50.8	1.5	30.00
Ethyl Benzene	50.0	47.1	-5.7	30.00
Ethyl tert-butyl ether (ETBE)	50.0	50.4	0.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20028
Laboratory ID: S2L2005-SCV1
Sequence: S2L2005
Standard ID: S22L221

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
2-Hexanone	50.0	55.2	10.4	30.00
4-Chlorotoluene	50.0	54.2	8.4	30.00
4-Methyl-2-pentanone	50.0	55.0	10.0	30.00
Acetone	50.0	39.6	-20.7	30.00
Acrolein	50.0	20.4	-59.1 *	30.00
Acrylonitrile	50.0	53.5	7.1	30.00
Benzene	50.0	54.3	8.6	30.00
Bromobenzene	50.0	51.4	2.8	30.00
Bromochloromethane	50.0	52.2	4.4	30.00
Bromodichloromethane	50.0	52.3	4.5	30.00
Bromoform	50.0	49.8	-0.4	30.00
Bromomethane	50.0	48.8	-2.4	30.00
Carbon disulfide	50.0	55.8	11.6	30.00
Carbon tetrachloride	50.0	56.2	12.5	30.00
Chlorobenzene	50.0	56.4	12.8	30.00
Chloroethane	50.0	51.4	2.8	30.00
Chloroform	50.0	52.9	5.8	30.00
Chloromethane	50.0	39.4	-21.1	30.00
cis-1,2-Dichloroethylene	50.0	51.5	3.0	30.00
cis-1,3-Dichloropropylene	50.0	51.7	3.4	30.00
Cyclohexane	50.0	53.0	6.1	30.00
Dibromochloromethane	50.0	53.9	7.7	30.00
Dibromomethane	50.0	51.9	3.8	30.00
Dichlorodifluoromethane	50.0	30.0	-40.0 *	30.00
Diisopropyl ether (DIPE)	50.0	52.1	4.3	30.00
Ethyl Benzene	50.0	55.2	10.5	30.00
Ethyl tert-butyl ether (ETBE)	50.0	52.7	5.5	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20034
Laboratory ID: S2L2225-SCV1
Sequence: S2L2225
Standard ID: S22L287

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
2-Hexanone	50.0	47.3	-5.5	30.00
4-Chlorotoluene	50.0	52.4	4.9	30.00
4-Methyl-2-pentanone	50.0	49.6	-0.8	30.00
Acetone	50.0	33.1	-33.7 *	30.00
Acrolein	50.0	43.3	-13.5	30.00
Acrylonitrile	50.0	49.0	-2.0	30.00
Benzene	50.0	49.7	-0.6	30.00
Bromobenzene	50.0	52.7	5.4	30.00
Bromochloromethane	50.0	50.4	0.7	30.00
Bromodichloromethane	50.0	49.7	-0.6	30.00
Bromoform	50.0	47.4	-5.2	30.00
Bromomethane	50.0	47.4	-5.1	30.00
Carbon disulfide	50.0	48.6	-2.9	30.00
Carbon tetrachloride	50.0	49.1	-1.7	30.00
Chlorobenzene	50.0	52.5	5.0	30.00
Chloroethane	50.0	49.6	-0.7	30.00
Chloroform	50.0	50.1	0.1	30.00
Chloromethane	50.0	40.0	-20.1	30.00
cis-1,2-Dichloroethylene	50.0	48.5	-3.1	30.00
cis-1,3-Dichloropropylene	50.0	49.1	-1.7	30.00
Cyclohexane	50.0	46.0	-8.0	30.00
Dibromochloromethane	50.0	50.7	1.3	30.00
Dibromomethane	50.0	48.9	-2.2	30.00
Dichlorodifluoromethane	50.0	26.9	-46.3 *	30.00
Diisopropyl ether (DIPE)	50.0	50.1	0.2	30.00
Ethyl Benzene	50.0	49.5	-1.0	30.00
Ethyl tert-butyl ether (ETBE)	50.0	51.5	3.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20046
Laboratory ID: S2L2922-SCV1
Sequence: S2L2922
Standard ID: S22L337

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
4-Chlorotoluene	10.0	12.2	21.8	30.00
4-Methyl-2-pentanone	10.0	10.8	7.5	30.00
Acetone	10.0	6.64	-33.6 *	30.00
Acrolein	10.0	3.96	-60.4 *	30.00
Acrylonitrile	10.0	11.3	13.0	30.00
Benzene	10.0	11.8	17.6	30.00
Bromobenzene	10.0	12.1	21.1	30.00
Bromochloromethane	10.0	12.0	20.4	30.00
Bromodichloromethane	10.0	12.1	21.1	30.00
Bromoform	10.0	12.2	22.2	30.00
Bromomethane	10.0	9.00	-10.0	30.00
Carbon disulfide	10.0	10.4	3.8	30.00
Carbon tetrachloride	10.0	10.7	7.4	30.00
Chlorobenzene	10.0	12.5	25.3	30.00
Chloroethane	10.0	10.7	6.7	30.00
Chloroform	10.0	11.8	18.1	30.00
Chloromethane	10.0	8.25	-17.5	30.00
cis-1,2-Dichloroethylene	10.0	11.6	15.7	30.00
cis-1,3-Dichloropropylene	10.0	12.0	19.6	30.00
Cyclohexane	10.0	9.27	-7.3	30.00
Dibromochloromethane	10.0	12.2	21.9	30.00
Dibromomethane	10.0	11.9	19.3	30.00
Dichlorodifluoromethane	10.0	3.72	-62.8 *	30.00
Diisopropyl ether (DIPE)	10.0	11.8	17.9	30.00
Ethyl Benzene	10.0	11.6	15.9	30.00
Ethyl tert-butyl ether (ETBE)	10.0	12.0	20.4	30.00
Hexachlorobutadiene	10.0	11.0	9.9	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20046
Laboratory ID: S2L2922-SCV1
Sequence: S2L2922
Standard ID: S22L337

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Trichloroethylene	10.0	12.0	20.1	30.00
Trichlorofluoromethane	20.0	9.54	-52.3 *	30.00
Vinyl acetate	10.0	11.6	16.0	30.00
Vinyl Chloride	10.0	8.84	-11.6	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SL20034
Lab File ID:	V2617571.D	Calibration Date:	12/20/22 14:58
Sequence:	S3A0311	Injection Date:	12/30/22
Lab Sample ID:	S3A0311-CCV1	Injection Time:	10:13

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	51.9	0.2061352	0.2139665		3.8	20	
1,1,1-Trichloroethane	A	50.0	53.9	1.281679	1.381667	0.1	7.8	20	
1,1,2,2-Tetrachloroethane	A	50.0	54.7	0.6109299	0.6681939	0.3	9.4	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	52.8	0.8366197	0.8839219	0.1	5.7	20	
1,1,2-Trichloroethane	A	50.0	53.8	0.219856	0.2367618	0.1	7.7	20	
1,1-Dichloroethane	A	50.0	55.9	1.594755	1.782028	0.2	11.7	20	
1,1-Dichloroethylene	A	50.0	56.2	1.310921	1.473324	0.1	12.4	20	
1,1-Dichloropropylene	A	50.0	53.9	1.213047	1.306973		7.7	20	
1,2,3-Trichlorobenzene	A	50.0	51.1	0.8686153	0.8880056		2.2	20	
1,2,3-Trichloropropane	A	50.0	54.1	0.1948993	0.2108395		8.2	20	
1,2,4,5-Tetramethylbenzene	A	50.0	52.1	2.335479	2.431974		4.1	20	
1,2,4-Trichlorobenzene	A	50.0	51.9	0.8583767	0.8909361	0.2	3.8	20	
1,2,4-Trimethylbenzene	A	50.0	53.0	2.022431	2.14161		5.9	20	
1,2-Dibromo-3-chloropropane	A	50.0	47.9	0.1400845	0.1342278	0.05	-4.2	20	
1,2-Dibromoethane	A	50.0	52.2	0.2176766	0.2272158	0.1	4.4	20	
1,2-Dichlorobenzene	A	50.0	50.9	1.042314	1.06107	0.4	1.8	20	
1,2-Dichloroethane	A	50.0	53.4	1.22013	1.30378	0.1	6.9	20	
1,2-Dichloropropane	A	50.0	57.2	0.2782708	0.3182731	0.1	14.4	20	
1,3,5-Trimethylbenzene	A	50.0	53.5	1.99612	2.135294		7.0	20	
1,3-Dichlorobenzene	A	50.0	51.8	1.064555	1.103351	0.6	3.6	20	
1,3-Dichloropropane	A	50.0	54.9	0.3967438	0.4355742		9.8	20	
1,4-Dichlorobenzene	A	50.0	51.2	1.083504	1.109378	0.5	2.4	20	
1,4-Dioxane	A	1000	973	0.0031766	3.069672E-03		-2.7	20	
2,2-Dichloropropane	A	50.0	53.3	1.1997	1.279431		6.6	20	
2-Butanone	A	50.0	63.9	0.1388955	0.1775884	0.1	27.9	20	*
2-Chloroethylvinyl ether	A	50.0	54.6	0.1216974	0.1328522		9.2	20	
2-Chlorotoluene	A	50.0	54.0	1.894562	2.044452		7.9	20	
2-Hexanone	A	50.0	65.7	0.2172351	0.2854836	0.1	31.4	20	*
4-Chlorotoluene	A	50.0	53.9	1.669113	1.798693		7.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SL20034
Lab File ID:	V2617571.D	Calibration Date:	12/20/22 14:58
Sequence:	S3A0311	Injection Date:	12/30/22
Lab Sample ID:	S3A0311-CCV1	Injection Time:	10:13

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Methyl-2-pentanone	A	50.0	57.9	0.3001453	0.3476524	0.1	15.8	20	
Acetone	A	50.0	73.6	0.465629	0.6849742	0.1	47.1	20	*
Acrolein	A	50.0	54.5	0.1844958	0.2012618		9.1	20	
Acrylonitrile	A	50.0	53.1	0.3510634	0.3730269		6.3	20	
Benzene	A	50.0	54.2	3.486592	3.776036	0.5	8.3	20	
Bromobenzene	A	50.0	55.0	0.9215752	1.014259		10.1	20	
Bromochloromethane	A	50.0	56.5	0.7523956	0.8495351		12.9	20	
Bromodichloromethane	A	50.0	56.2	0.3476159	0.3904118	0.2	12.3	20	
Bromoform	A	50.0	45.6	0.1244893	0.1202972	0.1	-8.7	20	
Bromomethane	A	50.0	47.5	0.5364862	0.4994806	0.1	-6.9	20	
Carbon disulfide	A	50.0	52.0	2.317912	2.412853	0.1	4.1	20	
Carbon tetrachloride	A	50.0	54.5	1.02326	1.115234	0.1	9.0	20	
Chlorobenzene	A	50.0	51.5	0.6020522	0.6198327	0.5	3.0	20	
Chloroethane	A	50.0	56.0	0.6802358	0.7616108	0.1	12.0	20	
Chloroform	A	50.0	53.8	1.527558	1.644439	0.2	7.7	20	
Chloromethane	A	50.0	40.2	0.7156106	0.5753528	0.1	-19.6	20	
cis-1,2-Dichloroethylene	A	50.0	55.0	1.461516	1.608574	0.1	10.1	20	
cis-1,3-Dichloropropylene	A	50.0	56.7	0.4202521	0.4767701	0.2	13.4	20	
Cyclohexane	A	50.0	56.0	1.585627	1.777565	0.1	12.1	20	
Dibromochloromethane	A	50.0	53.6	0.223344	0.2393311	0.1	7.2	20	
Dibromomethane	A	50.0	54.1	0.1675588	0.1813037		8.2	20	
Dichlorodifluoromethane	A	50.0	36.9	0.6654512	0.4916134	0.1	-26.1	20	*
Diisopropyl ether (DIPE)	A	50.0	56.8	2.709837	3.080066		13.7	20	
Ethanol	A	2500	2250	1.030237E-02	9.27789E-03		-9.9	20	
Ethyl Benzene	A	50.0	51.8	1.140464	1.182386	0.1	3.7	20	
Ethyl tert-butyl ether (ETBE)	A	50.0	54.1	2.652021	2.870835		8.3	20	
Hexachlorobutadiene	A	50.0	49.8	0.4098419	0.4081432		-0.4	20	
Iodomethane	A	50.0	51.7	0.5858583	0.6053816		3.3	20	
Isopropylbenzene	A	50.0	56.8	2.33778	2.657252	0.1	13.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SL20034
Lab File ID:	V2617571.D	Calibration Date:	12/20/22 14:58
Sequence:	S3A0311	Injection Date:	12/30/22
Lab Sample ID:	S3A0311-CCV1	Injection Time:	10:13

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	56.2	0.7792115	0.8765192	0.1	12.5	20	
Methyl Methacrylate	A	50.0	56.5	0.2162795	0.2442094		12.9	20	
Methyl tert-butyl ether (MTBE)	A	50.0	53.0	2.623708	2.780994	0.1	6.0	20	
Methylcyclohexane	A	50.0	56.6	0.5100994	0.5773663	0.1	13.2	20	
Methylene chloride	A	50.0	51.7	1.144573	1.18269	0.1	3.3	20	
Naphthalene	A	50.0	51.2	2.751712	2.820041		2.5	20	
n-Butylbenzene	A	50.0	52.0	2.708993	2.817558		4.0	20	
n-Propylbenzene	A	50.0	55.0	2.853481	3.137809		10.0	20	
o-Xylene	A	50.0	49.9	0.8551827	0.853008	0.3	-0.3	20	
p- & m- Xylenes	A	100	102	0.8655936	0.8828028	0.1	2.0	20	
p-Diethylbenzene	A	50.0	51.6	1.351312	1.394896		3.2	20	
p-Ethyltoluene	A	50.0	53.5	1.99612	2.135294		7.0	20	
p-Isopropyltoluene	A	50.0	52.3	2.23174	2.335705		4.7	20	
sec-Butylbenzene	A	50.0	53.0	2.58904	2.742648		5.9	20	
Styrene	A	50.0	50.3	0.680539	0.6843546	0.3	0.6	20	
tert-Amyl alcohol (TAA)	A	500	482	8.931194E-02	8.617138E-02		-3.5	20	
tert-Amyl methyl ether (TAME)	A	50.0	52.2	2.997746	3.132775		4.5	20	
tert-Butyl alcohol (TBA)	A	250	245	0.1082931	0.1062025		-1.9	20	
tert-Butylbenzene	A	50.0	53.4	1.637675	1.747942		6.7	20	
Tetrachloroethylene	A	50.0	44.3	0.3115502	0.2758835	0.2	-11.4	20	
Tetrahydrofuran	A	50.0	55.1	0.3378465	0.3721823		10.2	20	
Toluene	A	50.0	55.1	1.101809	1.214726	0.4	10.2	20	
trans-1,2-Dichloroethylene	A	50.0	55.1	1.294776	1.425754	0.1	10.1	20	
trans-1,3-Dichloropropylene	A	50.0	55.2	0.3642101	0.4022384	0.1	10.4	20	
trans-1,4-dichloro-2-butene	A	50.0	54.9	0.7148249	0.7845281		9.8	20	
Trichloroethylene	A	50.0	54.4	0.27553	0.2994783	0.2	8.7	20	
Trichlorofluoromethane	A	100	61.4	1.650972	1.015105	0.1	-38.5	20	*
Vinyl acetate	A	50.0	57.6	1.305301	1.50296		15.1	20	
Vinyl Chloride	A	50.0	50.3	0.9233327	0.9281395	0.1	0.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SL20028
Lab File ID:	V3171250.D	Calibration Date:	12/16/22 08:00
Sequence:	S3A0313	Injection Date:	12/30/22
Lab Sample ID:	S3A0313-CCV1	Injection Time:	10:11

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	50.4	0.2262963	0.2283534		0.9	20	
1,1,1-Trichloroethane	A	50.0	52.8	1.631651	1.724785	0.1	5.7	20	
1,1,2,2-Tetrachloroethane	A	50.0	43.6	0.3637629	0.3168289	0.3	-12.9	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	55.1	1.025958	1.130072	0.1	10.1	20	
1,1,2-Trichloroethane	A	50.0	47.3	0.1600346	0.1514262	0.1	-5.4	20	
1,1-Dichloroethane	A	50.0	51.6	1.501185	1.549718	0.2	3.2	20	
1,1-Dichloroethylene	A	50.0	52.0	1.256198	1.307813	0.1	4.1	20	
1,1-Dichloropropylene	A	50.0	53.7	1.337612	1.4364		7.4	20	
1,2,3-Trichlorobenzene	A	50.0	47.4	0.6461089	0.6126192		-5.2	20	
1,2,3-Trichloropropane	A	50.0	43.7	0.1292622	0.1129636		-12.6	20	
1,2,4,5-Tetramethylbenzene	A	50.0	46.8	1.938758	1.813979		-6.4	20	
1,2,4-Trichlorobenzene	A	50.0	49.0	0.727589	0.7138154	0.2	-1.9	20	
1,2,4-Trimethylbenzene	A	50.0	46.1	2.019447	1.861058		-7.8	20	
1,2-Dibromo-3-chloropropane	A	50.0	36.6	5.765794E-02	4.265063E-02	0.05	-26.7	20	*
1,2-Dibromoethane	A	50.0	48.1	0.1583223	0.1523758	0.1	-3.8	20	
1,2-Dichlorobenzene	A	50.0	47.9	1.04902	1.004554	0.4	-4.2	20	
1,2-Dichloroethane	A	50.0	50.7	0.9713607	0.9850776	0.1	1.4	20	
1,2-Dichloropropane	A	50.0	44.8	0.1881029	0.1684764	0.1	-10.4	20	
1,3,5-Trimethylbenzene	A	50.0	46.0	2.097004	1.929497		-8.0	20	
1,3-Dichlorobenzene	A	50.0	48.5	1.197441	1.162398	0.6	-2.9	20	
1,3-Dichloropropane	A	50.0	46.1	0.2585218	0.2383821		-7.8	20	
1,4-Dichlorobenzene	A	50.0	48.6	1.181145	1.148896	0.5	-2.7	20	
1,4-Dioxane	A	1000	1270	9.729543E-04	1.414794E-03		27.4	20	*
2,2-Dichloropropane	A	50.0	47.5	1.392198	1.323093		-5.0	20	
2-Butanone	A	50.0	66.7	7.318377E-02	9.761709E-02	0.1	33.4	20	*
2-Chloroethylvinyl ether	A	50.0	43.9	7.888266E-02	6.927885E-02		-12.2	20	
2-Chlorotoluene	A	50.0	44.6	1.893217	1.687054		-10.9	20	
2-Hexanone	A	50.0	56.9	8.483594E-02	9.658807E-02	0.1	13.9	20	
4-Chlorotoluene	A	50.0	45.1	1.625417	1.466927		-9.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SL20028
Lab File ID:	V3171250.D	Calibration Date:	12/16/22 08:00
Sequence:	S3A0313	Injection Date:	12/30/22
Lab Sample ID:	S3A0313-CCV1	Injection Time:	10:11

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Methyl-2-pentanone	A	50.0	44.1	0.1222974	0.1079133	0.1	-11.8	20	
Acetone	A	50.0	71.5	0.23432	0.335287	0.1	43.1	20	*
Acrolein	A	50.0	34.4	0.1247496	8.580798E-02		-31.2	20	*
Acrylonitrile	A	50.0	50.4	0.1612552	0.1626248		0.8	20	
Benzene	A	50.0	54.6	3.651156	3.990168	0.5	9.3	20	
Bromobenzene	A	50.0	41.6	0.800712	0.6665793		-16.8	20	
Bromochloromethane	A	50.0	50.8	0.5676509	0.5768154		1.6	20	
Bromodichloromethane	A	50.0	45.8	0.2631102	0.2408726	0.2	-8.5	20	
Bromoform	A	50.0	44.5	0.1069842	0.1053868	0.1	-10.9	20	
Bromomethane	A	50.0	50.4	0.5302955	0.5340057	0.1	0.7	20	
Carbon disulfide	A	50.0	53.2	2.55957	2.725435	0.1	6.5	20	
Carbon tetrachloride	A	50.0	53.8	1.499903	1.613309	0.1	7.6	20	
Chlorobenzene	A	50.0	49.5	0.6272079	0.620416	0.5	-1.1	20	
Chloroethane	A	50.0	52.4	0.4541673	0.4762004	0.1	4.9	20	
Chloroform	A	50.0	53.0	1.620636	1.71821	0.2	6.0	20	
Chloromethane	A	50.0	46.9	0.9969995	0.9352932	0.1	-6.2	20	
cis-1,2-Dichloroethylene	A	50.0	51.4	1.330364	1.367494	0.1	2.8	20	
cis-1,3-Dichloropropylene	A	50.0	45.6	0.3082329	0.2810974	0.2	-8.8	20	
Cyclohexane	A	50.0	52.2	1.51381	1.581681	0.1	4.5	20	
Dibromochloromethane	A	50.0	49.2	0.1906938	0.1875236	0.1	-1.7	20	
Dibromomethane	A	50.0	46.8	0.1126601	0.1055235		-6.3	20	
Dichlorodifluoromethane	A	50.0	44.4	1.133785	1.005605	0.1	-11.3	20	
Diisopropyl ether (DIPE)	A	50.0	50.6	2.269418	2.297317		1.2	20	
Ethanol	A	2500	2360	5.131849E-03	4.840469E-03		-5.7	20	
Ethyl Benzene	A	50.0	49.2	1.122483	1.103861	0.1	-1.7	20	
Ethyl tert-butyl ether (ETBE)	A	50.0	48.5	2.008791	1.948376		-3.0	20	
Hexachlorobutadiene	A	50.0	45.4	0.4692207	0.4262045		-9.2	20	
Iodomethane	A	50.0	55.6	0.8637769	1.232169		11.3	20	
Isopropylbenzene	A	50.0	45.1	2.533491	2.285205	0.1	-9.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SL20028
Lab File ID:	V3171250.D	Calibration Date:	12/16/22 08:00
Sequence:	S3A0313	Injection Date:	12/30/22
Lab Sample ID:	S3A0313-CCV1	Injection Time:	10:11

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	48.2	0.4104584	0.3959496	0.1	-3.5	20	
Methyl Methacrylate	A	50.0	44.9	0.1043406	9.379123E-02		-10.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	49.1	1.860356	1.827088	0.1	-1.8	20	
Methylcyclohexane	A	50.0	46.9	0.4597742	0.4313497	0.1	-6.2	20	
Methylene chloride	A	50.0	50.0	1.233027	0.9802657	0.1	0.0	20	
Naphthalene	A	50.0	45.0	1.305769	1.174468		-10.1	20	
n-Butylbenzene	A	50.0	45.5	2.520967	2.29277		-9.1	20	
n-Propylbenzene	A	50.0	45.0	2.882918	2.596397		-9.9	20	
o-Xylene	A	50.0	49.0	0.8511772	0.8336883	0.3	-2.1	20	
p- & m- Xylenes	A	100	102	0.8357344	0.8502994	0.1	1.7	20	
p-Diethylbenzene	A	50.0	46.2	1.339165	1.238283		-7.5	20	
p-Ethyltoluene	A	50.0	46.1	2.422404	2.235025		-7.7	20	
p-Isopropyltoluene	A	50.0	46.7	2.441278	2.278012		-6.7	20	
sec-Butylbenzene	A	50.0	45.8	2.739359	2.509391		-8.4	20	
Styrene	A	50.0	51.2	0.6530254	0.6684611	0.3	2.4	20	
tert-Amyl alcohol (TAA)	A	500	386	4.365254E-02	3.345333E-02		-23.4	20	*
tert-Amyl methyl ether (TAME)	A	50.0	48.2	2.166161	2.086548		-3.7	20	
tert-Butyl alcohol (TBA)	A	250	197	0.0521328	4.104361E-02		-21.3	20	*
tert-Butylbenzene	A	50.0	45.5	1.90505	1.734014		-9.0	20	
Tetrachloroethylene	A	50.0	43.1	0.4186027	0.3608149	0.2	-13.8	20	
Tetrahydrofuran	A	50.0	48.9	0.1688354	0.1649985		-2.3	20	
Toluene	A	50.0	48.6	0.9925535	0.9646413	0.4	-2.8	20	
trans-1,2-Dichloroethylene	A	50.0	51.5	1.201807	1.238674	0.1	3.1	20	
trans-1,3-Dichloropropylene	A	50.0	44.3	0.2595954	0.2301135	0.1	-11.4	20	
trans-1,4-dichloro-2-butene	A	50.0	40.2	0.4039841	0.3249058		-19.6	20	
Trichloroethylene	A	50.0	46.6	0.2513607	0.2341691	0.2	-6.8	20	
Trichlorofluoromethane	A	100	51.2	1.494675	0.765989	0.1	-48.8	20	*
Vinyl acetate	A	50.0	50.6	1.138706	1.152512		1.2	20	
Vinyl Chloride	A	50.0	50.2	0.845976	0.8496455	0.1	0.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 5	Calibration:	SL20014
Lab File ID:	V5428620.D	Calibration Date:	12/05/22 08:00
Sequence:	S3A0314	Injection Date:	12/30/22
Lab Sample ID:	S3A0314-CCV1	Injection Time:	10:14

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	47.9	0.2443522	0.2342272		-4.1	20	
1,1,1-Trichloroethane	A	50.0	43.3	2.168022	1.87888	0.1	-13.3	20	
1,1,2,2-Tetrachloroethane	A	50.0	51.9	0.4605184	0.4778064	0.3	3.8	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	45.8	1.105666	1.012467	0.1	-8.4	20	
1,1,2-Trichloroethane	A	50.0	49.2	0.1793736	0.1765851	0.1	-1.6	20	
1,1-Dichloroethane	A	50.0	48.4	1.661864	1.609745	0.2	-3.1	20	
1,1-Dichloroethylene	A	50.0	45.7	1.532283	1.401646	0.1	-8.5	20	
1,1-Dichloropropylene	A	50.0	46.4	1.670669	1.548763		-7.3	20	
1,2,3-Trichlorobenzene	A	50.0	51.3	0.6173288	0.6338123		2.7	20	
1,2,3-Trichloropropane	A	50.0	48.4	0.1810168	0.1750803		-3.3	20	
1,2,4,5-Tetramethylbenzene	A	50.0	51.2	2.627323	2.690358		2.4	20	
1,2,4-Trichlorobenzene	A	50.0	53.5	0.6849102	0.7331265	0.2	7.0	20	
1,2,4-Trimethylbenzene	A	50.0	49.2	2.860376	2.814764		-1.6	20	
1,2-Dibromo-3-chloropropane	A	50.0	48.5	9.357152E-02	9.072813E-02	0.05	-3.0	20	
1,2-Dibromoethane	A	50.0	49.2	0.1812377	0.1783106	0.1	-1.6	20	
1,2-Dichlorobenzene	A	50.0	50.8	1.097026	1.114352	0.4	1.6	20	
1,2-Dichloroethane	A	50.0	42.1	1.41757	1.193872	0.1	-15.8	20	
1,2-Dichloropropane	A	50.0	50.0	0.20806	0.2080929	0.1	0.02	20	
1,3,5-Trimethylbenzene	A	50.0	48.8	3.03299	2.959175		-2.4	20	
1,3-Dichlorobenzene	A	50.0	52.2	1.236578	1.292289	0.6	4.5	20	
1,3-Dichloropropane	A	50.0	48.6	0.3290523	0.319743		-2.8	20	
1,4-Dichlorobenzene	A	50.0	51.6	1.216362	1.256568	0.5	3.3	20	
1,4-Dioxane	A	1000	983	1.678017E-03	1.648977E-03		-1.7	20	
2,2-Dichloropropane	A	50.0	43.7	1.693095	1.480088		-12.6	20	
2-Butanone	A	50.0	64.7	8.123769E-02	0.1050498	0.1	29.3	20	*
2-Chloroethylvinyl ether	A	50.0	52.8	8.783778E-02	9.285138E-02		5.7	20	
2-Chlorotoluene	A	50.0	49.0	2.473382	2.422666		-2.1	20	
2-Hexanone	A	50.0	64.0	0.1057595	0.1352886	0.1	27.9	20	*
4-Chlorotoluene	A	50.0	48.8	2.805848	2.740418		-2.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 5	Calibration:	SL20014
Lab File ID:	V5428620.D	Calibration Date:	12/05/22 08:00
Sequence:	S3A0314	Injection Date:	12/30/22
Lab Sample ID:	S3A0314-CCV1	Injection Time:	10:14

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Methyl-2-pentanone	A	50.0	52.1	0.1451223	0.1512975	0.1	4.3	20	
Acetone	A	50.0	68.8	0.2557371	0.3518739	0.1	37.6	20	*
Acrolein	A	50.0	56.2	7.497935E-02	8.423838E-02		12.3	20	
Acrylonitrile	A	50.0	53.8	0.147367	0.1585733		7.6	20	
Benzene	A	50.0	49.1	3.748102	3.679374	0.5	-1.8	20	
Bromobenzene	A	50.0	49.0	1.193031	1.169219		-2.0	20	
Bromochloromethane	A	50.0	48.6	0.5495887	0.5346872		-2.7	20	
Bromodichloromethane	A	50.0	46.6	0.3569889	0.3329621	0.2	-6.7	20	
Bromoform	A	50.0	39.4	9.450871E-02	9.027015E-02	0.1	-21.3	20	*
Bromomethane	A	50.0	43.7	0.7323031	0.6399	0.1	-12.6	20	
Carbon disulfide	A	50.0	53.9	2.203041	2.37486	0.1	7.8	20	
Carbon tetrachloride	A	50.0	43.5	1.851513	1.611814	0.1	-12.9	20	
Chlorobenzene	A	50.0	48.9	0.6873341	0.6724574	0.5	-2.2	20	
Chloroethane	A	50.0	46.6	0.5979963	0.5578189	0.1	-6.7	20	
Chloroform	A	50.0	44.8	2.051262	1.839231	0.2	-10.3	20	
Chloromethane	A	50.0	43.1	0.977551	0.8434417	0.1	-13.7	20	
cis-1,2-Dichloroethylene	A	50.0	46.6	1.549896	1.443162	0.1	-6.9	20	
cis-1,3-Dichloropropylene	A	50.0	49.9	0.3658227	0.365375	0.2	-0.1	20	
Cyclohexane	A	50.0	54.2	1.351044	1.464116	0.1	8.4	20	
Dibromochloromethane	A	50.0	41.4	0.2148908	0.2061457	0.1	-17.3	20	
Dibromomethane	A	50.0	46.8	0.1344503	0.1259516		-6.3	20	
Dichlorodifluoromethane	A	50.0	34.6	1.70448	1.179254	0.1	-30.8	20	*
Diisopropyl ether (DIPE)	A	50.0	51.9	2.053577	2.13214		3.8	20	
Ethanol	A	2500	2540	4.63656E-03	4.714765E-03		1.7	20	
Ethyl Benzene	A	50.0	47.1	1.49077	1.405271	0.1	-5.7	20	
Ethyl tert-butyl ether (ETBE)	A	50.0	48.3	2.152061	2.078721		-3.4	20	
Hexachlorobutadiene	A	50.0	46.6	0.5186226	0.4828299		-6.9	20	
Iodomethane	A	50.0	40.5	0.7750783	0.7655241		-19.0	20	
Isopropylbenzene	A	50.0	49.1	3.509774	3.44804	0.1	-1.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 5	Calibration:	SL20014
Lab File ID:	V5428620.D	Calibration Date:	12/05/22 08:00
Sequence:	S3A0314	Injection Date:	12/30/22
Lab Sample ID:	S3A0314-CCV1	Injection Time:	10:14

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	54.4	0.3237932	0.3523776	0.1	8.8	20	
Methyl Methacrylate	A	50.0	51.6	0.12685	0.130802		3.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	47.3	2.167671	2.051218	0.1	-5.4	20	
Methylcyclohexane	A	50.0	49.2	0.5495049	0.5404769	0.1	-1.6	20	
Methylene chloride	A	50.0	48.8	0.9255876	0.9025037	0.1	-2.5	20	
Naphthalene	A	50.0	51.3	1.562004	1.60239		2.6	20	
n-Butylbenzene	A	50.0	49.1	3.827196	3.760387		-1.7	20	
n-Propylbenzene	A	50.0	50.0	4.121942	4.121374		-0.01	20	
o-Xylene	A	50.0	46.9	1.153747	1.081282	0.3	-6.3	20	
p- & m- Xylenes	A	100	94.1	1.179138	1.109903	0.1	-5.9	20	
p-Diethylbenzene	A	50.0	50.2	1.831796	1.840893		0.5	20	
p-Ethyltoluene	A	50.0	50.3	3.10904	3.126938		0.6	20	
p-Isopropyltoluene	A	50.0	49.3	3.293146	3.249059		-1.3	20	
sec-Butylbenzene	A	50.0	49.1	3.802911	3.73413		-1.8	20	
Styrene	A	50.0	49.2	0.7726373	0.7596774	0.3	-1.7	20	
tert-Amyl alcohol (TAA)	A	500	475	0.0393564	3.738528E-02		-5.0	20	
tert-Amyl methyl ether (TAME)	A	50.0	47.8	1.973918	1.886671		-4.4	20	
tert-Butyl alcohol (TBA)	A	250	241	5.672333E-02	5.463716E-02		-3.7	20	
tert-Butylbenzene	A	50.0	49.3	2.83053	2.790777		-1.4	20	
Tetrachloroethylene	A	50.0	43.7	0.3490573	0.3051574	0.2	-12.6	20	
Tetrahydrofuran	A	50.0	52.1	0.1309624	0.1364758		4.2	20	
Toluene	A	50.0	48.8	1.216587	1.187572	0.4	-2.4	20	
trans-1,2-Dichloroethylene	A	50.0	47.8	1.393994	1.334156	0.1	-4.3	20	
trans-1,3-Dichloropropylene	A	50.0	41.4	0.3256032	0.3137059	0.1	-17.2	20	
trans-1,4-dichloro-2-butene	A	50.0	50.6	0.5326723	0.5395586		1.3	20	
Trichloroethylene	A	50.0	46.6	0.3224105	0.3004639	0.2	-6.8	20	
Trichlorofluoromethane	A	100	40.0	2.284832	0.9139629	0.1	-60.0	20	*
Vinyl acetate	A	50.0	49.5	0.9839494	0.9743169		-1.0	20	
Vinyl Chloride	A	50.0	43.6	1.080992	0.9433146	0.1	-12.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SL20046
Lab File ID:	V835074.D	Calibration Date:	12/28/22 08:00
Sequence:	S3A0326	Injection Date:	01/03/23
Lab Sample ID:	S3A0326-CCV1	Injection Time:	10:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.1	0.2672877	0.2690733		0.7	20	
1,1,1-Trichloroethane	A	10.0	10.2	1.850424	1.888449	0.1	2.1	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.9	0.3893561	0.4240328	0.3	8.9	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	10.2	1.040781	1.05674	0.1	1.5	20	
1,1,2-Trichloroethane	A	10.0	10.0	0.1730514	0.1733491	0.1	0.2	20	
1,1-Dichloroethane	A	10.0	10.4	1.976677	2.047859	0.2	3.6	20	
1,1-Dichloroethylene	A	10.0	10.3	1.668896	1.718852	0.1	3.0	20	
1,1-Dichloropropylene	A	10.0	10.2	1.590298	1.626792		2.3	20	
1,2,3-Trichlorobenzene	A	10.0	9.30	3.278129E-02	0.0325046		-7.0	20	
1,2,3-Trichloropropane	A	10.0	9.91	0.1255396	0.1244576		-0.9	20	
1,2,4,5-Tetramethylbenzene	A	10.0	10.2	1.813454	1.846469		1.8	20	
1,2,4-Trichlorobenzene	A	10.0	10.0	0.5597559	0.5597896	0.2	0.006	20	
1,2,4-Trimethylbenzene	A	10.0	10.2	2.449042	2.500322		2.1	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.5	0.0663045	6.938069E-02	0.05	4.6	20	
1,2-Dibromoethane	A	10.0	10.1	0.1636888	0.1650865	0.1	0.9	20	
1,2-Dichlorobenzene	A	10.0	9.87	1.101645	1.087072	0.4	-1.3	20	
1,2-Dichloroethane	A	10.0	10.1	1.164545	1.180351	0.1	1.4	20	
1,2-Dichloropropane	A	10.0	10.2	0.2715047	0.2769634	0.1	2.0	20	
1,3,5-Trimethylbenzene	A	10.0	10.1	2.550242	2.58421		1.3	20	
1,3-Dichlorobenzene	A	10.0	10.1	1.275502	1.283783	0.6	0.6	20	
1,3-Dichloropropane	A	10.0	10.0	0.3101712	0.3116455		0.5	20	
1,4-Dichlorobenzene	A	10.0	10.0	1.273381	1.275896	0.5	0.2	20	
1,4-Dioxane	A	200	183	1.362345E-03	1.446809E-03		-8.3	20	
2,2-Dichloropropane	A	10.0	11.1	1.686629	1.878677		11.4	20	
2-Butanone	A	10.0	11.7	8.636133E-02	0.1099131	0.1	17.2	20	
2-Chlorotoluene	A	10.0	10.2	2.443518	2.482942		1.6	20	
2-Hexanone	A	10.0	13.3	0.1293655	0.171833	0.1	32.8	20	*
4-Chlorotoluene	A	10.0	10.2	2.135447	2.167947		1.5	20	
4-Methyl-2-pentanone	A	10.0	10.4	0.1574541	0.1636788	0.1	4.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SL20046
Lab File ID:	V835074.D	Calibration Date:	12/28/22 08:00
Sequence:	S3A0326	Injection Date:	01/03/23
Lab Sample ID:	S3A0326-CCV1	Injection Time:	10:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	10.0	13.4	0.2877591	0.3846687	0.1	33.7	20 *
Acrolein	A	10.0	11.3	6.879162E-02	9.297644E-02		12.6	20
Acrylonitrile	A	10.0	10.8	0.1636973	0.1762707		7.7	20
Benzene	A	10.0	10.4	4.332089	4.490567	0.5	3.7	20
Bromobenzene	A	10.0	10.1	1.063387	1.070176		0.6	20
Bromochloromethane	A	10.0	10.5	0.728289	0.7651816		5.1	20
Bromodichloromethane	A	10.0	10.2	0.3578103	0.3631939	0.2	1.5	20
Bromoform	A	10.0	10.1	0.1148671	0.1162162	0.1	1.2	20
Bromomethane	A	10.0	7.82	0.5397958	0.5054363	0.1	-21.8	20 *
Carbon disulfide	A	10.0	10.1	2.597925	2.618178	0.1	0.8	20
Carbon tetrachloride	A	10.0	10.2	1.635408	1.6613	0.1	1.6	20
Chlorobenzene	A	10.0	10.1	0.738056	0.7422179	0.5	0.6	20
Chloroethane	A	10.0	10.4	0.8220721	0.8512211	0.1	3.5	20
Chloroform	A	10.0	10.2	1.875215	1.908521	0.2	1.8	20
Chloromethane	A	10.0	10.3	1.174453	1.211847	0.1	3.2	20
cis-1,2-Dichloroethylene	A	10.0	10.4	1.799283	1.871693	0.1	4.0	20
cis-1,3-Dichloropropylene	A	10.0	10.4	0.4164736	0.4341338	0.2	4.2	20
Cyclohexane	A	10.0	10.3	2.114434	2.177093	0.1	3.0	20
Dibromochloromethane	A	10.0	10.2	0.222765	0.2265635	0.1	1.7	20
Dibromomethane	A	10.0	10.1	0.1203958	0.1219487		1.3	20
Dichlorodifluoromethane	A	10.0	9.25	1.0328	0.9556618	0.1	-7.5	20
Diisopropyl ether (DIPE)	A	10.0	10.6	3.204051	3.405779		6.3	20
Ethyl Benzene	A	10.0	10.2	1.467289	1.496384	0.1	2.0	20
Ethyl tert-butyl ether (ETBE)	A	10.0	10.5	2.958647	3.110375		5.1	20
Hexachlorobutadiene	A	10.0	9.98	0.1757908	0.1753862		-0.2	20
Iodomethane	A	10.0	6.74	0.8024269	0.67455		-32.6	20 *
Isopropylbenzene	A	10.0	10.1	3.145977	3.181543	0.1	1.1	20
Methyl acetate	A	10.0	10.6	0.3847489	0.4063851	0.1	5.6	20
Methyl Methacrylate	A	10.0	10.3	0.1163553	0.119961		3.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SL20046
Lab File ID:	V835074.D	Calibration Date:	12/28/22 08:00
Sequence:	S3A0326	Injection Date:	01/03/23
Lab Sample ID:	S3A0326-CCV1	Injection Time:	10:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	10.2	2.273952	2.32527	0.1	2.3	20	
Methylcyclohexane	A	10.0	10.0	0.5348012	0.5346533	0.1	-0.03	20	
Methylene chloride	A	10.0	10.8	1.308623	1.406894	0.1	7.5	20	
Naphthalene	A	10.0	10.0	1.084579	1.085651		0.1	20	
n-Butylbenzene	A	10.0	11.3	0.4507985	0.5089629		12.9	20	
n-Propylbenzene	A	10.0	10.3	3.647604	3.74617		2.7	20	
o-Xylene	A	10.0	10.1	1.113007	1.124344	0.3	1.0	20	
p- & m- Xylenes	A	20.0	20.7	1.123495	1.160895	0.1	3.3	20	
p-Diethylbenzene	A	10.0	10.1	1.296156	1.312324		1.2	20	
p-Ethyltoluene	A	10.0	10.3	2.974883	3.053112		2.6	20	
p-Isopropyltoluene	A	10.0	10.2	2.479821	2.517429		1.5	20	
sec-Butylbenzene	A	10.0	10.1	2.884254	2.921021		1.3	20	
Styrene	A	10.0	10.2	0.833845	0.8510538	0.3	2.1	20	
tert-Amyl alcohol (TAA)	A	100	105	6.284394E-02	6.588615E-02		4.8	20	
tert-Amyl methyl ether (TAME)	A	10.0	10.4	2.88289	3.003027		4.2	20	
tert-Butyl alcohol (TBA)	A	50.0	52.9	6.560248E-02	6.941164E-02		5.8	20	
tert-Butylbenzene	A	10.0	9.98	2.087914	2.082963		-0.2	20	
Tetrachloroethylene	A	10.0	7.08	0.6105384	0.4320098	0.2	-29.2	20	*
Tetrahydrofuran	A	10.0	10.7	5.645684E-02	6.053533E-02		7.2	20	
Toluene	A	10.0	10.1	1.292166	1.303007	0.4	0.8	20	
trans-1,2-Dichloroethylene	A	10.0	10.4	1.570711	1.6373	0.1	4.2	20	
trans-1,3-Dichloropropylene	A	10.0	10.4	0.3434153	0.3572876	0.1	4.0	20	
trans-1,4-dichloro-2-butene	A	10.0	10.0	0.4200514	0.4206751		0.1	20	
Trichloroethylene	A	10.0	9.56	0.3362127	0.321313	0.2	-4.4	20	
Trichlorofluoromethane	A	20.0	10.2	1.79993	0.9215234	0.1	-48.8	20	*
Vinyl acetate	A	10.0	10.3	1.605214	1.657152		3.2	20	
Vinyl Chloride	A	10.0	10.3	1.23392	1.265481	0.1	2.6	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SL20034
Lab File ID:	V2617589.D	Calibration Date:	12/20/22 14:58
Sequence:	S3A0404	Injection Date:	01/03/23
Lab Sample ID:	S3A0404-CCV1	Injection Time:	10:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	48.3	0.2061352	0.1991808		-3.4	20	
1,1,1-Trichloroethane	A	50.0	50.2	1.281679	1.288103	0.1	0.5	20	
1,1,2,2-Tetrachloroethane	A	50.0	50.0	0.6109299	0.6112257	0.3	0.05	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	49.2	0.8366197	0.82236	0.1	-1.7	20	
1,1,2-Trichloroethane	A	50.0	49.7	0.219856	0.2184036	0.1	-0.7	20	
1,1-Dichloroethane	A	50.0	51.5	1.594755	1.643958	0.2	3.1	20	
1,1-Dichloroethylene	A	50.0	51.9	1.310921	1.360173	0.1	3.8	20	
1,1-Dichloropropylene	A	50.0	49.7	1.213047	1.205275		-0.6	20	
1,2,3-Trichlorobenzene	A	50.0	47.3	0.8686153	0.821186		-5.5	20	
1,2,3-Trichloropropane	A	50.0	48.0	0.1948993	0.1870479		-4.0	20	
1,2,4,5-Tetramethylbenzene	A	50.0	48.1	2.335479	2.245591		-3.8	20	
1,2,4-Trichlorobenzene	A	50.0	47.7	0.8583767	0.8196174	0.2	-4.5	20	
1,2,4-Trimethylbenzene	A	50.0	48.5	2.022431	1.963031		-2.9	20	
1,2-Dibromo-3-chloropropane	A	50.0	43.8	0.1400845	0.1227922	0.05	-12.3	20	
1,2-Dibromoethane	A	50.0	48.1	0.2176766	0.2095382	0.1	-3.7	20	
1,2-Dichlorobenzene	A	50.0	46.8	1.042314	0.9762909	0.4	-6.3	20	
1,2-Dichloroethane	A	50.0	49.6	1.22013	1.209731	0.1	-0.9	20	
1,2-Dichloropropane	A	50.0	51.2	0.2782708	0.2851085	0.1	2.5	20	
1,3,5-Trimethylbenzene	A	50.0	48.8	1.99612	1.948189		-2.4	20	
1,3-Dichlorobenzene	A	50.0	47.9	1.064555	1.018979	0.6	-4.3	20	
1,3-Dichloropropane	A	50.0	50.2	0.3967438	0.3981702		0.4	20	
1,4-Dichlorobenzene	A	50.0	47.4	1.083504	1.027412	0.5	-5.2	20	
1,4-Dioxane	A	1000	880	0.0031766	2.763965E-03		-12.0	20	
2,2-Dichloropropane	A	50.0	50.0	1.1997	1.19916		-0.05	20	
2-Butanone	A	50.0	62.4	0.1388955	0.1734777	0.1	24.9	20	*
2-Chloroethylvinyl ether	A	50.0	47.7	0.1216974	0.1161523		-4.6	20	
2-Chlorotoluene	A	50.0	49.4	1.894562	1.873886		-1.1	20	
2-Hexanone	A	50.0	58.4	0.2172351	0.2538815	0.1	16.9	20	
4-Chlorotoluene	A	50.0	49.9	1.669113	1.664409		-0.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SL20034
Lab File ID:	V2617589.D	Calibration Date:	12/20/22 14:58
Sequence:	S3A0404	Injection Date:	01/03/23
Lab Sample ID:	S3A0404-CCV1	Injection Time:	10:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Methyl-2-pentanone	A	50.0	51.9	0.3001453	0.3114403	0.1	3.8	20	
Acetone	A	50.0	72.5	0.465629	0.6754563	0.1	45.1	20	*
Acrolein	A	50.0	52.0	0.1844958	0.1919944		4.1	20	
Acrylonitrile	A	50.0	49.7	0.3510634	0.3488181		-0.6	20	
Benzene	A	50.0	50.4	3.486592	3.511765	0.5	0.7	20	
Bromobenzene	A	50.0	50.7	0.9215752	0.9342683		1.4	20	
Bromochloromethane	A	50.0	53.0	0.7523956	0.7979652		6.1	20	
Bromodichloromethane	A	50.0	51.7	0.3476159	0.359653	0.2	3.5	20	
Bromoform	A	50.0	42.8	0.1244893	0.1124407	0.1	-14.5	20	
Bromomethane	A	50.0	46.6	0.5364862	0.4908731	0.1	-8.5	20	
Carbon disulfide	A	50.0	49.8	2.317912	2.308015	0.1	-0.4	20	
Carbon tetrachloride	A	50.0	50.5	1.02326	1.033388	0.1	1.0	20	
Chlorobenzene	A	50.0	48.0	0.6020522	0.5777118	0.5	-4.0	20	
Chloroethane	A	50.0	53.3	0.6802358	0.7255874	0.1	6.7	20	
Chloroform	A	50.0	49.6	1.527558	1.51603	0.2	-0.8	20	
Chloromethane	A	50.0	39.2	0.7156106	0.5617268	0.1	21.5	20	*
cis-1,2-Dichloroethylene	A	50.0	50.9	1.461516	1.488315	0.1	1.8	20	
cis-1,3-Dichloropropylene	A	50.0	51.2	0.4202521	0.4304318	0.2	2.4	20	
Cyclohexane	A	50.0	52.2	1.585627	1.655362	0.1	4.4	20	
Dibromochloromethane	A	50.0	49.1	0.223344	0.219428	0.1	-1.8	20	
Dibromomethane	A	50.0	49.2	0.1675588	0.1649071		-1.6	20	
Dichlorodifluoromethane	A	50.0	34.1	0.6654512	0.4539378	0.1	-31.8	20	*
Diisopropyl ether (DIPE)	A	50.0	52.9	2.709837	2.865173		5.7	20	
Ethanol	A	2500	2110	1.030237E-02	8.692912E-03		-15.6	20	
Ethyl Benzene	A	50.0	48.6	1.140464	1.1093	0.1	-2.7	20	
Ethyl tert-butyl ether (ETBE)	A	50.0	50.1	2.652021	2.65829		0.2	20	
Hexachlorobutadiene	A	50.0	47.1	0.4098419	0.3862241		-5.8	20	
Iodomethane	A	50.0	47.9	0.5858583	0.5613391		-4.2	20	
Isopropylbenzene	A	50.0	51.6	2.33778	2.414518	0.1	3.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SL20034
Lab File ID:	V2617589.D	Calibration Date:	12/20/22 14:58
Sequence:	S3A0404	Injection Date:	01/03/23
Lab Sample ID:	S3A0404-CCV1	Injection Time:	10:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	50.9	0.7792115	0.7938251	0.1	1.9	20	
Methyl Methacrylate	A	50.0	50.0	0.2162795	0.2164894		0.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	48.7	2.623708	2.554712	0.1	-2.6	20	
Methylcyclohexane	A	50.0	51.3	0.5100994	0.5236	0.1	2.6	20	
Methylene chloride	A	50.0	59.2	1.144573	1.354545	0.1	18.3	20	
Naphthalene	A	50.0	46.5	2.751712	2.561307		-6.9	20	
n-Butylbenzene	A	50.0	48.1	2.708993	2.604895		-3.8	20	
n-Propylbenzene	A	50.0	50.7	2.853481	2.892968		1.4	20	
o-Xylene	A	50.0	47.3	0.8551827	0.8097255	0.3	-5.3	20	
p- & m- Xylenes	A	100	96.2	0.8655936	0.8323896	0.1	-3.8	20	
p-Diethylbenzene	A	50.0	47.6	1.351312	1.28542		-4.9	20	
p-Ethyltoluene	A	50.0	48.8	1.99612	1.948189		-2.4	20	
p-Isopropyltoluene	A	50.0	48.2	2.23174	2.151367		-3.6	20	
sec-Butylbenzene	A	50.0	48.8	2.58904	2.527003		-2.4	20	
Styrene	A	50.0	47.2	0.680539	0.6428604	0.3	-5.5	20	
tert-Amyl alcohol (TAA)	A	500	434	8.931194E-02	7.759501E-02		-13.1	20	
tert-Amyl methyl ether (TAME)	A	50.0	47.7	2.997746	2.858729		-4.6	20	
tert-Butyl alcohol (TBA)	A	250	214	0.1082931	9.271543E-02		-14.4	20	
tert-Butylbenzene	A	50.0	48.9	1.637675	1.602611		-2.1	20	
Tetrachloroethylene	A	50.0	42.1	0.3115502	0.2625905	0.2	-15.7	20	
Tetrahydrofuran	A	50.0	50.3	0.3378465	0.3399542		0.6	20	
Toluene	A	50.0	50.2	1.101809	1.107041	0.4	0.5	20	
trans-1,2-Dichloroethylene	A	50.0	51.1	1.294776	1.322356	0.1	2.1	20	
trans-1,3-Dichloropropylene	A	50.0	50.6	0.3642101	0.3684833	0.1	1.2	20	
trans-1,4-dichloro-2-butene	A	50.0	49.3	0.7148249	0.7050911		-1.4	20	
Trichloroethylene	A	50.0	49.1	0.27553	0.2706377	0.2	-1.8	20	
Trichlorofluoromethane	A	100	57.1	1.650972	0.9433402	0.1	-42.9	20	*
Vinyl acetate	A	50.0	52.8	1.305301	1.379612		5.7	20	
Vinyl Chloride	A	50.0	48.2	0.9233327	0.8898401	0.1	-3.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 5	Calibration:	SL20014
Lab File ID:	V5428638.D	Calibration Date:	12/05/22 08:00
Sequence:	S3A0414	Injection Date:	01/03/23
Lab Sample ID:	S3A0414-CCV1	Injection Time:	10:18

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	48.6	0.2443522	0.2376658		-2.7	20	
1,1,1-Trichloroethane	A	50.0	45.2	2.168022	1.960364	0.1	-9.6	20	
1,1,2,2-Tetrachloroethane	A	50.0	48.6	0.4605184	0.4474924	0.3	-2.8	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	46.6	1.105666	1.029677	0.1	-6.9	20	
1,1,2-Trichloroethane	A	50.0	47.4	0.1793736	0.170103	0.1	-5.2	20	
1,1-Dichloroethane	A	50.0	48.5	1.661864	1.610666	0.2	-3.1	20	
1,1-Dichloroethylene	A	50.0	47.2	1.532283	1.447289	0.1	-5.5	20	
1,1-Dichloropropylene	A	50.0	47.4	1.670669	1.582906		-5.3	20	
1,2,3-Trichlorobenzene	A	50.0	49.2	0.6173288	0.6077381		-1.6	20	
1,2,3-Trichloropropane	A	50.0	46.0	0.1810168	0.166384		-8.1	20	
1,2,4,5-Tetramethylbenzene	A	50.0	49.2	2.627323	2.586678		-1.5	20	
1,2,4-Trichlorobenzene	A	50.0	51.9	0.6849102	0.7103606	0.2	3.7	20	
1,2,4-Trimethylbenzene	A	50.0	47.9	2.860376	2.74214		-4.1	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.1	9.357152E-02	8.626314E-02	0.05	-7.8	20	
1,2-Dibromoethane	A	50.0	48.1	0.1812377	0.1744821	0.1	-3.7	20	
1,2-Dichlorobenzene	A	50.0	48.1	1.097026	1.056104	0.4	-3.7	20	
1,2-Dichloroethane	A	50.0	42.5	1.41757	1.206127	0.1	-14.9	20	
1,2-Dichloropropane	A	50.0	48.9	0.20806	0.2034925	0.1	-2.2	20	
1,3,5-Trimethylbenzene	A	50.0	47.5	3.03299	2.881024		-5.0	20	
1,3-Dichlorobenzene	A	50.0	49.8	1.236578	1.230467	0.6	-0.5	20	
1,3-Dichloropropane	A	50.0	47.4	0.3290523	0.3122518		-5.1	20	
1,4-Dichlorobenzene	A	50.0	49.7	1.216362	1.209486	0.5	-0.6	20	
1,4-Dioxane	A	1000	956	1.678017E-03	1.604042E-03		-4.4	20	
2,2-Dichloropropane	A	50.0	46.7	1.693095	1.582037		-6.6	20	
2-Butanone	A	50.0	66.9	8.123769E-02	0.1086924	0.1	33.8	20	*
2-Chloroethylvinyl ether	A	50.0	49.7	8.783778E-02	8.734351E-02		-0.6	20	
2-Chlorotoluene	A	50.0	46.9	2.473382	2.32124		-6.2	20	
2-Hexanone	A	50.0	58.6	0.1057595	0.1239768	0.1	17.2	20	
4-Chlorotoluene	A	50.0	47.2	2.805848	2.646029		-5.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 5	Calibration:	SL20014
Lab File ID:	V5428638.D	Calibration Date:	12/05/22 08:00
Sequence:	S3A0414	Injection Date:	01/03/23
Lab Sample ID:	S3A0414-CCV1	Injection Time:	10:18

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Methyl-2-pentanone	A	50.0	56.6	0.1451223	0.1642752	0.1	13.2	20
Acetone	A	50.0	73.0	0.2557371	0.3734782	0.1	46.0	20 *
Acrolein	A	50.0	55.8	7.497935E-02	8.361142E-02		11.5	20
Acrylonitrile	A	50.0	53.1	0.147367	0.1564895		6.2	20
Benzene	A	50.0	49.2	3.748102	3.685979	0.5	-1.7	20
Bromobenzene	A	50.0	47.5	1.193031	1.132772		-5.1	20
Bromochloromethane	A	50.0	48.1	0.5495887	0.5287548		-3.8	20
Bromodichloromethane	A	50.0	47.0	0.3569889	0.3357535	0.2	-5.9	20
Bromoform	A	50.0	40.2	9.450871E-02	9.229658E-02	0.1	-19.5	20
Bromomethane	A	50.0	43.2	0.7323031	0.6319891	0.1	-13.7	20
Carbon disulfide	A	50.0	54.2	2.203041	2.385708	0.1	8.3	20
Carbon tetrachloride	A	50.0	46.6	1.851513	1.723622	0.1	-6.9	20
Chlorobenzene	A	50.0	48.6	0.6873341	0.6676019	0.5	-2.9	20
Chloroethane	A	50.0	46.1	0.5979963	0.5512606	0.1	-7.8	20
Chloroform	A	50.0	45.9	2.051262	1.884649	0.2	-8.1	20
Chloromethane	A	50.0	42.7	0.977551	0.8341577	0.1	-14.7	20
cis-1,2-Dichloroethylene	A	50.0	47.2	1.549896	1.462834	0.1	-5.6	20
cis-1,3-Dichloropropylene	A	50.0	50.2	0.3658227	0.3669955	0.2	0.3	20
Cyclohexane	A	50.0	52.4	1.351044	1.4166	0.1	4.9	20
Dibromochloromethane	A	50.0	42.2	0.2148908	0.2104048	0.1	-15.6	20
Dibromomethane	A	50.0	46.8	0.1344503	0.1258294		-6.4	20
Dichlorodifluoromethane	A	50.0	34.2	1.70448	1.166537	0.1	-31.6	20 *
Diisopropyl ether (DIPE)	A	50.0	51.9	2.053577	2.129809		3.7	20
Ethanol	A	2500	2340	4.63656E-03	4.333068E-03		-6.5	20
Ethyl Benzene	A	50.0	47.0	1.49077	1.400838	0.1	-6.0	20
Ethyl tert-butyl ether (ETBE)	A	50.0	49.2	2.152061	2.118798		-1.5	20
Hexachlorobutadiene	A	50.0	47.2	0.5186226	0.4901392		-5.5	20
Iodomethane	A	50.0	38.2	0.7750783	0.7224787		-23.5	20 *
Isopropylbenzene	A	50.0	47.6	3.509774	3.34492	0.1	-4.7	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 5	Calibration:	SL20014
Lab File ID:	V5428638.D	Calibration Date:	12/05/22 08:00
Sequence:	S3A0414	Injection Date:	01/03/23
Lab Sample ID:	S3A0414-CCV1	Injection Time:	10:18

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	52.2	0.3237932	0.3379716	0.1	4.4	20	
Methyl Methacrylate	A	50.0	49.0	0.12685	0.1243308		-2.0	20	
Methyl tert-butyl ether (MTBE)	A	50.0	48.0	2.167671	2.082676	0.1	-3.9	20	
Methylcyclohexane	A	50.0	49.1	0.5495049	0.5396683	0.1	-1.8	20	
Methylene chloride	A	50.0	56.9	0.9255876	1.053228	0.1	13.8	20	
Naphthalene	A	50.0	48.5	1.562004	1.515168		-3.0	20	
n-Butylbenzene	A	50.0	47.3	3.827196	3.620205		-5.4	20	
n-Propylbenzene	A	50.0	48.1	4.121942	3.966326		-3.8	20	
o-Xylene	A	50.0	46.5	1.153747	1.071961	0.3	-7.1	20	
p- & m- Xylenes	A	100	94.2	1.179138	1.110714	0.1	-5.8	20	
p-Diethylbenzene	A	50.0	48.6	1.831796	1.779395		-2.9	20	
p-Ethyltoluene	A	50.0	48.4	3.10904	3.011558		-3.1	20	
p-Isopropyltoluene	A	50.0	48.1	3.293146	3.167482		-3.8	20	
sec-Butylbenzene	A	50.0	47.6	3.802911	3.622443		-4.7	20	
Styrene	A	50.0	48.9	0.7726373	0.7551003	0.3	-2.3	20	
tert-Amyl alcohol (TAA)	A	500	472	0.0393564	3.718142E-02		-5.5	20	
tert-Amyl methyl ether (TAME)	A	50.0	49.3	1.973918	1.947181		-1.4	20	
tert-Butyl alcohol (TBA)	A	250	247	5.672333E-02	5.607597E-02		-1.1	20	
tert-Butylbenzene	A	50.0	48.2	2.83053	2.730173		-3.5	20	
Tetrachloroethylene	A	50.0	45.4	0.3490573	0.3169825	0.2	-9.2	20	
Tetrahydrofuran	A	50.0	48.1	0.1309624	0.1258895		-3.9	20	
Toluene	A	50.0	48.4	1.216587	1.177727	0.4	-3.2	20	
trans-1,2-Dichloroethylene	A	50.0	49.0	1.393994	1.365978	0.1	-2.0	20	
trans-1,3-Dichloropropylene	A	50.0	42.3	0.3256032	0.3208993	0.1	-15.3	20	
trans-1,4-dichloro-2-butene	A	50.0	47.6	0.5326723	0.5068318		-4.9	20	
Trichloroethylene	A	50.0	47.0	0.3224105	0.3027139	0.2	-6.1	20	
Trichlorofluoromethane	A	100	41.6	2.284832	0.9499645	0.1	-58.4	20	*
Vinyl acetate	A	50.0	50.3	0.9839494	0.9893185		0.5	20	
Vinyl Chloride	A	50.0	43.4	1.080992	0.9379588	0.1	-13.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SL20009
Lab File ID:	V10C015751.D	Calibration Date:	12/02/22 08:00
Sequence:	S3A0507	Injection Date:	01/04/23
Lab Sample ID:	S3A0507-CCV1	Injection Time:	10:23

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.65	0.2074555	0.2002731		-3.5	20	
1,1,1-Trichloroethane	A	10.0	10.6	1.244114	1.32339	0.1	6.4	20	
1,1,2,2-Tetrachloroethane	A	10.0	8.97	0.3965311	0.3558583	0.3	-10.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.7	0.7367971	0.7898036	0.1	7.2	20	
1,1,2-Trichloroethane	A	10.0	9.62	0.1518637	0.1460432	0.1	-3.8	20	
1,1-Dichloroethane	A	10.0	10.3	1.572662	1.626112	0.2	3.4	20	
1,1-Dichloroethylene	A	10.0	10.1	1.287954	1.302443	0.1	1.1	20	
1,1-Dichloropropylene	A	10.0	10.5	1.183818	1.242242		4.9	20	
1,2,3-Trichlorobenzene	A	10.0	10.8	0.2805553	0.3026203		7.9	20	
1,2,3-Trichloropropane	A	10.0	9.33	0.1069194	9.976481E-02		-6.7	20	
1,2,4,5-Tetramethylbenzene	A	10.0	11.0	1.466622	1.618069		10.3	20	
1,2,4-Trichlorobenzene	A	10.0	10.7	0.3922868	0.4191215	0.2	6.8	20	
1,2,4-Trimethylbenzene	A	10.0	8.97	2.79504	2.50721		-10.3	20	
1,2-Dibromo-3-chloropropane	A	10.0	8.36	6.444527E-02	5.201454E-02	0.05	-16.4	20	
1,2-Dibromoethane	A	10.0	9.61	0.1324546	0.127317	0.1	-3.9	20	
1,2-Dichlorobenzene	A	10.0	9.34	1.025943	0.9585333	0.4	-6.6	20	
1,2-Dichloroethane	A	10.0	0.860	0.8845392	7.587857E-02	0.1	-91.4	20	*
1,2-Dichloropropane	A	10.0	9.05	0.3009164	0.2724153	0.1	-9.5	20	
1,3,5-Trimethylbenzene	A	10.0	8.93	2.982075	2.662517		-10.7	20	
1,3-Dichlorobenzene	A	10.0	9.74	1.265663	1.233169	0.6	-2.6	20	
1,3-Dichloropropane	A	10.0	9.68	0.2897528	0.2805396		-3.2	20	
1,4-Dichlorobenzene	A	10.0	9.72	1.222273	1.187925	0.5	-2.8	20	
1,4-Dioxane	A	200	175	9.28649E-04	1.131617E-03		-12.3	20	
2,2-Dichloropropane	A	10.0	10.5	1.273163	1.336587		5.0	20	
2-Butanone	A	10.0	11.0	5.218309E-02	5.730895E-02	0.1	9.8	20	
2-Chlorotoluene	A	10.0	8.49	3.132262	2.659215		-15.1	20	
2-Hexanone	A	10.0	9.72	9.133695E-02	8.877516E-02	0.1	-2.8	20	
4-Chlorotoluene	A	10.0	8.42	3.116953	2.625267		-15.8	20	
4-Methyl-2-pentanone	A	10.0	9.49	0.1674635	0.1589824	0.1	-5.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SL20009
Lab File ID:	V10C015751.D	Calibration Date:	12/02/22 08:00
Sequence:	S3A0507	Injection Date:	01/04/23
Lab Sample ID:	S3A0507-CCV1	Injection Time:	10:23

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	10.0	8.50	0.1820813	0.1547518	0.1	-15.0	20	
Acrolein	A	10.0	9.61	4.642054E-02	5.964299E-02		-3.9	20	
Acrylonitrile	A	10.0	11.5	0.1130513	0.1297819		14.8	20	
Benzene	A	10.0	10.3	3.384678	3.495904	0.5	3.3	20	
Bromobenzene	A	10.0	8.30	1.492871	1.238395		-17.0	20	
Bromochloromethane	A	10.0	11.0	0.5979263	0.6548692		9.5	20	
Bromodichloromethane	A	10.0	8.90	0.3422445	0.304691	0.2	-11.0	20	
Bromoform	A	10.0	11.6	6.974102E-02	8.063276E-02	0.1	15.6	20	
Bromomethane	A	10.0	6.96	0.3611945	0.25149	0.1	-30.4	20	*
Carbon disulfide	A	10.0	10.6	2.09855	2.233155	0.1	6.4	20	
Carbon tetrachloride	A	10.0	10.5	0.9848647	1.029902	0.1	4.6	20	
Chlorobenzene	A	10.0	9.60	0.6612013	0.6344964	0.5	-4.0	20	
Chloroethane	A	10.0	9.98	0.6323444	0.6313819	0.1	-0.2	20	
Chloroform	A	10.0	10.2	1.389429	1.421597	0.2	2.3	20	
Chloromethane	A	10.0	9.12	0.8292263	0.7559966	0.1	-8.8	20	
cis-1,2-Dichloroethylene	A	10.0	10.0	1.39875	1.405273	0.1	0.5	20	
cis-1,3-Dichloropropylene	A	10.0	9.25	0.4170508	0.3857985	0.2	-7.5	20	
Cyclohexane	A	10.0	10.0	1.701685	1.70729	0.1	0.3	20	
Dibromochloromethane	A	10.0	9.97	0.1585236	0.158033	0.1	-0.3	20	
Dibromomethane	A	10.0	9.80	0.1063122	0.1042055		-2.0	20	
Dichlorodifluoromethane	A	10.0	9.11	0.7978548	0.7267843	0.1	-8.9	20	
Diisopropyl ether (DIPE)	A	10.0	10.6	2.663624	2.810737		5.5	20	
Ethyl Benzene	A	10.0	9.21	1.477476	1.360087	0.1	-7.9	20	
Ethyl tert-butyl ether (ETBE)	A	10.0	10.7	2.111909	2.256951		6.9	20	
Hexachlorobutadiene	A	10.0	12.3	0.1608285	0.1979142		23.1	20	*
Iodomethane	A	10.0	10.2	0.543861	0.6465165		2.0	20	
Isopropylbenzene	A	10.0	8.58	3.812055	3.270739	0.1	-14.2	20	
Methyl acetate	A	10.0	10.4	0.3593653	0.3744458	0.1	4.2	20	
Methyl Methacrylate	A	10.0	9.32	0.1020733	0.0951227		-6.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SL20009
Lab File ID:	V10C015751.D	Calibration Date:	12/02/22 08:00
Sequence:	S3A0507	Injection Date:	01/04/23
Lab Sample ID:	S3A0507-CCV1	Injection Time:	10:23

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	11.2	1.450127	1.630765	0.1	12.5	20	
Methylcyclohexane	A	10.0	9.65	0.5677456	0.5479637	0.1	-3.5	20	
Methylene chloride	A	10.0	9.76	1.179393	1.150876	0.1	-2.4	20	
Naphthalene	A	10.0	8.94	0.7787909	0.6960612		-10.6	20	
n-Butylbenzene	A	10.0	9.99	2.779448	2.775324		-0.1	20	
n-Propylbenzene	A	10.0	8.69	4.801827	4.170594		-13.1	20	
o-Xylene	A	10.0	9.19	1.108236	1.0186	0.3	-8.1	20	
p- & m- Xylenes	A	20.0	18.5	1.131877	1.044846	0.1	-7.7	20	
p-Diethylbenzene	A	10.0	10.3	1.336579	1.37402		2.8	20	
p-Ethyltoluene	A	10.0	8.97	3.560626	3.194256		-10.3	20	
p-Isopropyltoluene	A	10.0	10.1	2.605043	2.632216		1.0	20	
sec-Butylbenzene	A	10.0	9.39	3.353699	3.147907		-6.1	20	
Styrene	A	10.0	9.84	0.7493078	0.7372055	0.3	-1.6	20	
tert-Amyl alcohol (TAA)	A	100	96.2	4.064357E-03	4.861865E-03		-3.8	20	
tert-Amyl methyl ether (TAME)	A	10.0	10.7	1.643942	1.75952		7.0	20	
tert-Butyl alcohol (TBA)	A	50.0	27.7	0.0285502	1.580106E-02		-44.7	20	*
tert-Butylbenzene	A	10.0	9.79	2.476868	2.423647		-2.1	20	
Tetrachloroethylene	A	10.0	9.17	0.372197	0.3414607	0.2	-8.3	20	
Tetrahydrofuran	A	10.0	11.4	3.795151E-02	4.346613E-02		14.5	20	
Toluene	A	10.0	9.08	1.284135	1.165732	0.4	-9.2	20	
trans-1,2-Dichloroethylene	A	10.0	9.83	1.244043	1.222777	0.1	-1.7	20	
trans-1,3-Dichloropropylene	A	10.0	8.97	0.3145976	0.2822938	0.1	-10.3	20	
trans-1,4-dichloro-2-butene	A	10.0	6.56	0.4682381	0.3622844		-34.4	20	*
Trichloroethylene	A	10.0	8.98	0.3044096	0.2732834	0.2	-10.2	20	
Trichlorofluoromethane	A	20.0	10.5	1.168663	0.6115645	0.1	-47.7	20	*
Vinyl acetate	A	10.0	10.2	2.243869	2.300079		2.5	20	
Vinyl Chloride	A	10.0	9.00	0.9125671	0.8210563	0.1	-10.0	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30014	Laboratory ID:	BA30014-BS1
Preparation:	EPA 3550C	Initial/Final:	30 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.833	0.563	67.6	10 - 141
Acenaphthene	0.833	0.535	64.2	30 - 121
Acenaphthylene	0.833	0.497	59.6	30 - 115
Acetophenone	0.833	0.517	62.1	20 - 112
Aniline	0.833	0.518	62.1	10 - 119
Anthracene	0.833	0.566	68.0	34 - 118
Atrazine	0.833	0.508	61.0	26 - 112
Benzaldehyde	0.833	0.501	60.1	21 - 100
Benzo(a)anthracene	0.833	0.541	64.9	32 - 122
Benzo(a)pyrene	0.833	0.458	54.9	29 - 133
Benzo(b)fluoranthene	0.833	0.508	60.9	25 - 133
Benzo(g,h,i)perylene	0.833	0.511	61.3	10 - 143
Benzo(k)fluoranthene	0.833	0.533	64.0	25 - 128
Benzoic acid	0.833	ND	*	10 - 140
Benzyl alcohol	0.833	0.537	64.4	30 - 115
Benzyl butyl phthalate	0.833	0.547	65.6	26 - 126
Bis(2-chloroethoxy)methane	0.833	0.574	68.8	19 - 132
Bis(2-chloroethyl)ether	0.833	0.536	64.3	19 - 125
Bis(2-chloroisopropyl)ether	0.833	0.592	71.0	20 - 135
Bis(2-ethylhexyl)phthalate	0.833	0.559	67.0	10 - 155
Caprolactam	0.833	0.589	70.7	10 - 127
Carbazole	0.833	0.569	68.3	35 - 123
Chrysene	0.833	0.542	65.0	32 - 123
Dibenzo(a,h)anthracene	0.833	0.478	57.4	10 - 136
Dibenzofuran	0.833	0.535	64.2	29 - 121
Diethyl phthalate	0.833	0.537	64.5	34 - 116
Dimethyl phthalate	0.833	0.542	65.0	35 - 124
Di-n-butyl phthalate	0.833	0.550	66.0	31 - 116
Di-n-octyl phthalate	0.833	0.518	62.1	26 - 136
Fluoranthene	0.833	0.518	62.2	33 - 122

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SA30001
Instrument: BNA #7
Calibration Date: 12/30/22 10:37

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.609077	4.945036	6.822	9.259692E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4682616	3.842104	6.576833	7.056486E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.271673	7.726461	5.763	0.0542475			20	
1,2-Dichlorobenzene	1.507691	6.556646	4.928	7.575437E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.083142	4.798375	8.300834	7.329445E-02			20	
1,3-Dichlorobenzene	1.537783	6.204249	4.730167	7.382727E-02			20	
1,4-Dichlorobenzene	1.572232	5.763812	4.774	6.869797E-02			20	
1-Methylnaphthalene	0.5795396	8.229987	6.487333	5.492529E-02			20	
2,3,4,6-Tetrachlorophenol	0.1367847	4.24237	7.87275	0.1692481			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3652519	5.211715	6.70925	0.1558722			SPCC (0.2)	
2,4,6-Trichlorophenol	0.334629	3.799107	6.672875	0.1633619			SPCC (0.2)	
2,4-Dichlorophenol	0.2643657	6.228991	5.694625	0.1650056			SPCC (0.2)	
2,4-Dimethylphenol	0.3075952	6.349342	5.5325	0.1635629			SPCC (0.2)	
2,4-Dinitrophenol	5.815366E-02	34.18228	7.542	0.1739639			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3102935	9.56248	7.713	8.157646E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2454716	6.402309	7.262	6.066498E-02			SPCC (0.2)	
2-Chloronaphthalene	1.153176	4.484375	6.842167	5.273522E-02			SPCC (0.8)	
2-Chlorophenol	1.475332	4.904685	4.618375	0.1985492			SPCC (0.8)	
2-Methylnaphthalene	0.679619	7.899187	6.3885	5.575246E-02			SPCC (0.4)	
2-Methylphenol	1.197783	4.869521	4.99575	0.1562939			SPCC (0.7)	
2-Nitroaniline	0.3768936	4.838009	6.982	5.290648E-02			SPCC (0.01)	
2-Nitrophenol	0.1534448	3.796517	5.515	0.1794031			SPCC (0.1)	
3- & 4-Methylphenols	1.831948	5.075723	5.108625	0.1702805			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5314171	8.336677	14.07217	4.044548E-02			SPCC (0.01)	
3-Nitroaniline	0.3351803	4.129784	7.422167	7.907698E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.448271E-02	33.22329	8.242375	0.1507547			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2221912	4.756024	8.7865	6.465807E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3098861	6.746916	6.2655	0.144648			SPCC (0.2)	
4-Chloroaniline	0.4384865	7.281777	5.875667	7.113083E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6140732	4.394993	8.087167	4.231093E-02			SPCC (0.4)	
4-Nitroaniline	0.3559368	3.893073	8.193167	9.476851E-02			SPCC (0.01)	
4-Nitrophenol	0.274908	7.938976	7.586125	0.1189341			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20044
Instrument: MSBNA9
Calibration Date: 12/28/22 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6377868	5.332253	7.662	0.0332232			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4317922	3.377459	7.394	1.592763E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2514748	8.79712	6.481	1.121862E-02			20	
1,2-Dichlorobenzene	1.548035	5.617803	5.604	1.456331E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9329913	5.694796	9.317	8.984823E-03			20	
1,3-Dichlorobenzene	1.58026	5.751298	5.4	1.727045E-02			20	
1,4-Dichlorobenzene	1.624922	5.499893	5.444	6.029948E-02			20	
1-Methylnaphthalene	0.6023941	8.173785	7.295	8.963318E-03			20	
2,3,4,6-Tetrachlorophenol	0.1429898	4.48858	8.853	3.050217E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3470636	3.357686	7.545	1.661734E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3306228	4.828555	7.492667	1.258874E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2572451	7.910583	6.406	1.502525E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3054479	8.142582	6.214	1.972279E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.0808297	24.1744	8.474834	9.864334E-03			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3439817	14.64513	8.667	3.104887E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2540363	10.63129	8.153	3.845707E-02			SPCC (0.2)	
2-Chloronaphthalene	1.140532	4.787908	7.697	2.786701E-02			SPCC (0.8)	
2-Chlorophenol	1.482299	5.567327	5.284	1.918673E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6957597	8.547895	7.184167	4.679057E-03			SPCC (0.4)	
2-Methylphenol	1.200877	5.409421	5.656	8.254442E-03			SPCC (0.7)	
2-Nitroaniline	0.4095735	6.729662	7.847	1.890787E-02			SPCC (0.01)	
2-Nitrophenol	0.1605817	6.245517	6.208	2.228172E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.842142	5.338381	5.769	5.818749E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5266712	10.26019	15.073	1.661251E-02			SPCC (0.01)	
3-Nitroaniline	0.363508	5.854295	8.344	3.582853E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.330944E-02	25.71461	9.256	3.562427E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.19713	5.848328	9.701	6.895237E-03			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2970609	7.624861	7.025	5.084322E-02			SPCC (0.2)	
4-Chloroaniline	0.430928	7.781757	6.603	2.220354E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5840003	5.18629	9.085	1.652047E-02			SPCC (0.4)	
4-Nitroaniline	0.3922801	6.318436	9.209833	5.042949E-02			SPCC (0.01)	
4-Nitrophenol	0.2501803	6.908067	8.518	0.0392286			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20044
Instrument: MSBNA9
Calibration Date: 12/28/22 00:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.208445	6.454753	8.428	2.104911E-02			SPCC (0.9)	
Acenaphthylene	2.131026	4.665725	8.199667	2.815394E-02			SPCC (0.9)	
Acetophenone	2.083592	3.819374	5.784	1.167031E-02			SPCC (0.01)	
Alpha Terpineol	0.2658472	10.03627	6.5065	4.064789E-02			20	
Aniline	1.977167	5.777131	5.191	1.960547E-02			SPCC ()	
Anthracene	1.082303	4.881526	10.334	1.185855E-02			SPCC (0.7)	
Atrazine	0.1994497	3.751338	9.908	3.212235E-02			SPCC (0.01)	
Benzaldehyde	1.165297	3.646094	5.077	5.967736E-02			SPCC (0.01)	
Benzidine	0.669913	7.906669	12.414	5.641442E-03			20	
Benzo(a)anthracene	1.339764	5.492298	15.031	1.790654E-02			SPCC (0.8)	
Benzo(a)pyrene	1.355351	4.958972	17.9765	2.890962E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.419397	5.504374	17.3345	2.691188E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.203094	5.29538	20.51217	4.054822E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.401616	4.24511	17.382	3.938553E-02			SPCC (0.7)	
Benzoic acid	0.1526354	18.27124	6.2955	0.1925423			20	
Benzyl alcohol	1.007862	5.7154	5.557	7.638106E-03			20	
Benzyl butyl phthalate	0.7470628	5.402076	13.99583	1.731354E-02			20	
Bis(2-chloroethoxy)methane	0.3826478	9.739928	6.290667	3.032822E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.364645	5.79171	5.226	2.034928E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.932528	5.847606	5.673	2.133365E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	1.317411	53.34729	15.32667	1.385247E-02			20	*
Caprolactam	0.12934	7.572047	6.913333	0.1250897			SPCC (0.01)	
Carbazole	1.093912	5.282893	10.554	1.306327E-02			SPCC (0.01)	
Chrysene	1.317593	5.727925	15.125	2.309988E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.220218	4.956046	20.082	0.0288904			SPCC (0.4)	
Dibenzofuran	1.76135	4.851766	8.631833	1.476628E-02			SPCC (0.8)	
Diethyl phthalate	1.472372	4.695115	8.958	2.476379E-02			SPCC (0.01)	
Dimethyl phthalate	1.379672	5.418574	8.039	2.245698E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.385509	5.421032	11.112	1.470157E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.882186	5.058774	16.65433	1.427483E-02			SPCC (0.01)	
Diphenylamine	0.7300818	5.487552	9.272	2.533764E-02			20	
Fluoranthene	1.177255	4.974777	12.135	1.553628E-02			SPCC (0.6)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #7	Calibration:	SA30001
Lab File ID:	E70345574.D	Calibration Date:	12/30/22 10:37
Sequence:	S3A0421	Injection Date:	01/04/23
Lab Sample ID:	S3A0421-CCV1	Injection Time:	08:34

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	29.3	0.609077	0.5954759	0.01	-2.2	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	28.6	0.4682616	0.4459732	0.01	-4.8	20	
1,2,4-Trichlorobenzene	A	30.0	27.1	0.271673	0.2452809		-9.7	20	
1,2-Dichlorobenzene	A	30.0	28.7	1.507691	1.444336		-4.2	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	28.7	1.083142	1.0375		-4.2	20	
1,3-Dichlorobenzene	A	30.0	28.9	1.537783	1.481138		-3.7	20	
1,4-Dichlorobenzene	A	30.0	29.0	1.572232	1.520872		-3.3	20	
2,3,4,6-Tetrachlorophenol	A	30.0	29.4	0.1367847	0.1338192	0.01	-2.2	20	
2,4,5-Trichlorophenol	A	30.0	29.1	0.3652519	0.3540824	0.2	-3.1	20	
2,4,6-Trichlorophenol	A	30.0	29.0	0.334629	0.3228849	0.2	-3.5	20	
2,4-Dichlorophenol	A	30.0	27.1	0.2643657	0.2387858	0.2	-9.7	20	
2,4-Dimethylphenol	A	30.0	27.7	0.3075952	0.2836089	0.2	-7.8	20	
2,4-Dinitrophenol	A	30.0	37.7	5.815366E-02	7.304803E-02	0.01	25.6	20	*
2,4-Dinitrotoluene	A	30.0	30.9	0.3102935	0.3199649	0.2	3.1	20	
2,6-Dinitrotoluene	A	30.0	30.0	0.2454716	0.245039	0.2	-0.2	20	
2-Chloronaphthalene	A	30.0	28.9	1.153176	1.109457	0.8	-3.8	20	
2-Chlorophenol	A	30.0	29.1	1.475332	1.430125	0.8	-3.1	20	
2-Methylnaphthalene	A	30.0	27.5	0.679619	0.6234673	0.4	-8.3	20	
2-Methylphenol	A	30.0	29.3	1.197783	1.170437	0.7	-2.3	20	
2-Nitroaniline	A	30.0	30.6	0.3768936	0.3839679	0.01	1.9	20	
2-Nitrophenol	A	30.0	28.0	0.1534448	0.1431157	0.1	-6.7	20	
3- & 4-Methylphenols	A	30.0	29.1	1.831948	1.778035	0.6	-2.9	20	
3,3-Dichlorobenzidine	A	30.0	28.5	0.5314171	0.5041009	0.01	-5.1	20	
3-Nitroaniline	A	30.0	30.5	0.3351803	0.3407408	0.01	1.7	20	
4,6-Dinitro-2-methylphenol	A	30.0	37.6	6.448271E-02	8.071219E-02	0.01	25.2	20	*
4-Bromophenyl phenyl ether	A	30.0	27.0	0.2221912	0.1996246	0.1	-10.2	20	
4-Chloro-3-methylphenol	A	30.0	27.3	0.3098861	0.2815681	0.2	-9.1	20	
4-Chloroaniline	A	30.0	27.8	0.4384865	0.4064032	0.01	-7.3	20	
4-Chlorophenyl phenyl ether	A	30.0	28.1	0.6140732	0.5747748	0.4	-6.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MSBNA9	Calibration:	SL20044
Lab File ID:	E90023879.D	Calibration Date:	12/28/22 00:13
Sequence:	S3A0424	Injection Date:	01/04/23
Lab Sample ID:	S3A0424-CCV1	Injection Time:	08:32

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.7	0.6377868	0.6103429	0.01	-4.3	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	29.1	0.4317922	0.4185096	0.01	-3.1	20	
1,2,4-Trichlorobenzene	A	30.0	28.4	0.2514748	0.2383944		-5.2	20	
1,2-Dichlorobenzene	A	30.0	29.3	1.548035	1.511886		-2.3	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	29.5	0.9329913	0.9161871		-1.8	20	
1,3-Dichlorobenzene	A	30.0	28.9	1.58026	1.520264		-3.8	20	
1,4-Dichlorobenzene	A	30.0	29.0	1.624922	1.573616		-3.2	20	
2,3,4,6-Tetrachlorophenol	A	30.0	26.1	0.1429898	0.1243792	0.01	-13.0	20	
2,4,5-Trichlorophenol	A	30.0	28.9	0.3470636	0.3338366	0.2	-3.8	20	
2,4,6-Trichlorophenol	A	30.0	27.9	0.3306228	0.3079362	0.2	-6.9	20	
2,4-Dichlorophenol	A	30.0	28.3	0.2572451	0.2423865	0.2	-5.8	20	
2,4-Dimethylphenol	A	30.0	27.7	0.3054479	0.2823196	0.2	-7.6	20	
2,4-Dinitrophenol	A	30.0	24.1	0.0808297	6.485379E-02	0.01	-19.8	20	
2,4-Dinitrotoluene	A	30.0	27.2	0.3439817	0.3122087	0.2	-9.2	20	
2,6-Dinitrotoluene	A	30.0	26.9	0.2540363	0.2281008	0.2	-10.2	20	
2-Chloronaphthalene	A	30.0	28.9	1.140532	1.097829	0.8	-3.7	20	
2-Chlorophenol	A	30.0	28.7	1.482299	1.417038	0.8	-4.4	20	
2-Methylnaphthalene	A	30.0	28.6	0.6957597	0.6641692	0.4	-4.5	20	
2-Methylphenol	A	30.0	29.3	1.200877	1.171707	0.7	-2.4	20	
2-Nitroaniline	A	30.0	27.2	0.4095735	0.371663	0.01	-9.3	20	
2-Nitrophenol	A	30.0	24.0	0.1605817	0.1283001	0.1	-20.1	20	*
3- & 4-Methylphenols	A	30.0	29.3	1.842142	1.797003	0.6	-2.5	20	
3,3-Dichlorobenzidine	A	30.0	30.7	0.5266712	0.4959485	0.01	-5.8	20	
3-Nitroaniline	A	30.0	27.8	0.363508	0.3370754	0.01	-7.3	20	
4,6-Dinitro-2-methylphenol	A	30.0	25.1	9.330944E-02	7.804404E-02	0.01	-16.4	20	
4-Bromophenyl phenyl ether	A	30.0	29.5	0.19713	0.1940618	0.1	-1.6	20	
4-Chloro-3-methylphenol	A	30.0	28.2	0.2970609	0.2789122	0.2	-6.1	20	
4-Chloroaniline	A	30.0	28.0	0.430928	0.40155	0.01	-6.8	20	
4-Chlorophenyl phenyl ether	A	30.0	29.8	0.5840003	0.5795715	0.4	-0.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MSBNA9	Calibration:	SL20044
Lab File ID:	E90023879.D	Calibration Date:	12/28/22 00:13
Sequence:	S3A0424	Injection Date:	01/04/23
Lab Sample ID:	S3A0424-CCV1	Injection Time:	08:32

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	27.7	0.3922801	0.3618866	0.01	-7.7	20	
4-Nitrophenol	A	30.0	25.8	0.2501803	0.2150645	0.01	-14.0	20	
Acenaphthene	A	30.0	28.4	1.208445	1.141936	0.9	-5.5	20	
Acenaphthylene	A	30.0	29.0	2.131026	2.058994	0.9	-3.4	20	
Acetophenone	A	30.0	29.2	2.083592	2.025683	0.01	-2.8	20	
Aniline	A	30.0	28.7	1.977167	1.890965		-4.4	20	
Anthracene	A	30.0	28.7	1.082303	1.033815	0.7	-4.5	20	
Atrazine	A	30.0	29.0	0.1994497	0.1930694	0.01	-3.2	20	
Benzaldehyde	A	30.0	28.9	1.165297	1.121345	0.01	-3.8	20	
Benzidine	A	30.0	25.2	0.669913	0.5629515		-16.0	20	
Benzo(a)anthracene	A	30.0	28.9	1.339764	1.292542	0.8	-3.5	20	
Benzo(a)pyrene	A	30.0	27.7	1.355351	1.250521	0.7	-7.7	20	
Benzo(b)fluoranthene	A	30.0	27.8	1.419397	1.31658	0.7	-7.2	20	
Benzo(g,h,i)perylene	A	30.0	27.2	1.203094	1.091688	0.5	-9.3	20	
Benzo(k)fluoranthene	A	30.0	28.3	1.401616	1.323469	0.7	-5.6	20	
Benzoic acid	A	30.0	24.1	0.1526354	0.1226511		-19.6	20	
Benzyl alcohol	A	30.0	29.2	1.007862	0.9827688		-2.5	20	
Benzyl butyl phthalate	A	30.0	28.0	0.7470628	0.6982321		-6.5	20	
Bis(2-chloroethoxy)methane	A	30.0	27.8	0.3826478	0.3550507	0.3	-7.2	20	
Bis(2-chloroethyl)ether	A	30.0	28.1	1.364645	1.28015	0.7	-6.2	20	
Bis(2-chloroisopropyl)ether	A	30.0	27.4	1.932528	1.767871	0.01	-8.5	20	
Bis(2-ethylhexyl)phthalate	A	30.0	21.9	1.317411	0.962757		-26.9	20	*
Caprolactam	A	30.0	29.4	0.12934	0.126724	0.01	-2.0	20	
Carbazole	A	30.0	28.0	1.093912	1.021148	0.01	-6.7	20	
Chrysene	A	30.0	28.4	1.317593	1.247554	0.7	-5.3	20	
Dibenzo(a,h)anthracene	A	30.0	27.3	1.220218	1.109513	0.4	-9.1	20	
Dibenzofuran	A	30.0	29.0	1.76135	1.701372	0.8	-3.4	20	
Diethyl phthalate	A	30.0	28.6	1.472372	1.404463	0.01	-4.6	20	
Dimethyl phthalate	A	30.0	29.0	1.379672	1.331924	0.01	-3.5	20	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1013
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank (22L1392-25)			Lab File ID: QQQ22931.d		Analyzed: 01/09/23 16:16			
M3PFBS	40.8	122	25 - 150	4.947033	4.911855	0.0352	+/-1.00	
M5PFHxA	43.8	118	25 - 150	5.786433	5.758683	0.0277	+/-1.00	
M4PFHpA	43.8	113	25 - 150	6.554317	6.558946	-0.0046	+/-1.00	
M3PFHxS	41.5	133	25 - 150	6.65505	6.656318	-0.0013	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	43.8	112	25 - 150	7.221633	7.230883	-0.0093	+/-1.00	
M6PFDA	21.9	109	25 - 150	8.345183	8.36024	-0.0151	+/-1.00	
M7PFUdA	21.9	96.5	25 - 150	8.788417	8.808079	-0.0197	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	21.9	75.9	25 - 150	9.187183	9.195258	-0.0081	+/-1.00	
M2PFTeDA	21.9	33.0	10 - 150	9.879033	9.894013	-0.0150	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	175	8.82	25 - 150	1.085467	1.088911	-0.0034	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	42.0	122	25 - 150	7.86195	7.87006	-0.0081	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	87.6	109	25 - 150	4.14555	4.104181	0.0414	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	43.8	127	10 - 150	8.97055	8.964461	0.0061	+/-1.00	
d3-N-MeFOSAA	87.6	90.9	25 - 150	8.5376	8.558448	-0.0208	+/-1.00	
d5-N-EtFOSAA	87.6	85.2	25 - 150	8.759216	8.777927	-0.0187	+/-1.00	
M2-6:2 FTS	83.3	91.8	25 - 200	7.18365	7.189817	-0.0062	+/-1.00	
M2-8:2 FTS	84.1	91.9	25 - 200	8.325817	8.342792	-0.0170	+/-1.00	
M9PFNA	21.9	130	25 - 150	7.825967	7.832919	-0.0070	+/-1.00	
M2-4:2 FTS	82.2	76.0	25 - 150	5.720667	5.70215	0.0185	+/-1.00	
d-N-MeFOSA	43.8	90.7	25 - 150	9.839916	9.834121	0.0058	+/-1.00	
d-N-EtFOSA	43.8	98.7	25 - 150	10.12513	10.11588	0.0092	+/-1.00	
M3HFPO-DA	175	101	25 - 150	6.039933	6.026073	0.0139	+/-1.00	
d9-N-EtFOSE	438	30.1	25 - 150	10.11238	10.09507	0.0173	+/-1.00	
d7-N-MeFOSE	438	42.6	25 - 150	9.845467	9.831602	0.0139	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-1A (22L1392-01)			Lab File ID: QQQ22991.d		Analyzed: 01/10/23 19:25			
M3PFBS	2.45	102	25 - 150	4.9378	4.911855	0.0259	+/-1.00	
M5PFHxA	2.62	101	25 - 150	5.795683	5.758683	0.0370	+/-1.00	
M4PFHpA	2.62	102	25 - 150	6.610217	6.558946	0.0513	+/-1.00	
M3PFHxS	2.49	116	25 - 150	6.720267	6.656318	0.0639	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.62	85.2	25 - 150	7.305533	7.230883	0.0746	+/-1.00	
M6PFDA	1.31	95.9	25 - 150	8.456367	8.36024	0.0961	+/-1.00	
M7PFUdA	1.31	92.5	25 - 150	8.9099	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.31	74.7	25 - 150	9.298367	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.31	66.6	10 - 150	9.96215	9.894013	0.0681	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5	100	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.51	109	25 - 150	7.963883	7.87006	0.0938	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.25	102	25 - 150	4.0812	4.104181	-0.0230	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.62	6.46	10 - 150	9.081883	8.964461	0.1174	+/-1.00	*
d3-N-MeFOSAA	5.25	87.0	25 - 150	8.658067	8.558448	0.0996	+/-1.00	
d5-N-EtFOSAA	5.25	83.3	25 - 150	8.871834	8.777927	0.0939	+/-1.00	
M2-6:2 FTS	4.99	76.5	25 - 200	7.25765	7.189817	0.0678	+/-1.00	
M2-8:2 FTS	5.04	80.3	25 - 200	8.437	8.342792	0.0942	+/-1.00	
M9PFNA	1.31	109	25 - 150	7.918766	7.832919	0.0858	+/-1.00	
M2-4:2 FTS	4.92	81.1	25 - 150	5.7299	5.70215	0.0278	+/-1.00	
d-N-MeFOSA	2.62	5.68	25 - 150	9.94245	9.834121	0.1083	+/-1.00	*
d-N-EtFOSA	2.62	49.5	25 - 150	10.01448	10.11588	-0.1014	+/-1.00	
M3HFPO-DA	10.5	85.3	25 - 150	6.06765	6.026073	0.0416	+/-1.00	
d9-N-EtFOSE	26.2	5.45	25 - 150	10.18662	10.09507	0.0915	+/-1.00	*
d7-N-MeFOSE	26.2	5.92	25 - 150	9.938283	9.831602	0.1067	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-1B (22L1392-02)			Lab File ID: QQQ22992.d		Analyzed: 01/10/23 19:41			
M3PFBS	2.89	99.9	25 - 150	4.9378	4.911855	0.0259	+/-1.00	
M5PFHxA	3.10	105	25 - 150	5.814183	5.758683	0.0555	+/-1.00	
M4PFHpA	3.10	100	25 - 150	6.628716	6.558946	0.0698	+/-1.00	
M3PFHxS	2.94	109	25 - 150	6.7396	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.10	102	25 - 150	7.3148	7.230883	0.0839	+/-1.00	
M6PFDA	1.55	106	25 - 150	8.465633	8.36024	0.1054	+/-1.00	
M7PFUdA	1.55	92.7	25 - 150	8.919184	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.55	82.9	25 - 150	9.298367	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.55	66.1	10 - 150	9.9437	9.894013	0.0497	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.4	107	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.97	95.0	25 - 150	7.973166	7.87006	0.1031	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.21	111	25 - 150	4.0812	4.104181	-0.0230	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.10	14.9	10 - 150	9.09115	8.964461	0.1267	+/-1.00	
d3-N-MeFOSAA	6.21	80.5	25 - 150	8.667334	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	6.21	86.7	25 - 150	8.8904	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	5.90	76.3	25 - 200	7.276166	7.189817	0.0863	+/-1.00	
M2-8:2 FTS	5.96	73.4	25 - 200	8.446267	8.342792	0.1035	+/-1.00	
M9PFNA	1.55	125	25 - 150	7.92805	7.832919	0.0951	+/-1.00	
M2-4:2 FTS	5.82	81.8	25 - 150	5.7484	5.70215	0.0463	+/-1.00	
d-N-MeFOSA	3.10	10.4	25 - 150	9.92295	9.834121	0.0888	+/-1.00	*
d-N-EtFOSA	3.10	38.3	25 - 150	10.17077	10.11588	0.0549	+/-1.00	
M3HFPO-DA	12.4	99.9	25 - 150	6.086117	6.026073	0.0600	+/-1.00	
d9-N-EtFOSE	31.0	14.3	25 - 150	10.159	10.09507	0.0639	+/-1.00	*
d7-N-MeFOSE	31.0	14.2	25 - 150	9.919283	9.831602	0.0877	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-1C (22L1392-03)			Lab File ID: QQQ22993.d		Analyzed: 01/10/23 19:57			
M3PFBS	3.42	94.4	25 - 150	4.947017	4.911855	0.0352	+/-1.00	
M5PFHxA	3.67	103	25 - 150	5.814183	5.758683	0.0555	+/-1.00	
M4PFHpA	3.67	102	25 - 150	6.64725	6.558946	0.0883	+/-1.00	
M3PFHxS	3.48	106	25 - 150	6.758067	6.656318	0.1017	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.67	90.4	25 - 150	7.333817	7.230883	0.1029	+/-1.00	
M6PFDA	1.84	99.0	25 - 150	8.474916	8.36024	0.1147	+/-1.00	
M7PFUdA	1.84	85.4	25 - 150	8.9192	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.84	72.2	25 - 150	9.298384	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.84	57.7	10 - 150	9.96215	9.894013	0.0681	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.7	107	25 - 150	1.067117	1.088911	-0.0218	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.52	104	25 - 150	7.982467	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.34	111	25 - 150	4.099583	4.104181	-0.0046	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.67	10.9	10 - 150	9.100583	8.964461	0.1361	+/-1.00	
d3-N-MeFOSAA	7.34	71.7	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	7.34	75.3	25 - 150	8.890417	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	6.98	69.6	25 - 200	7.295434	7.189817	0.1056	+/-1.00	
M2-8:2 FTS	7.05	81.6	25 - 200	8.455533	8.342792	0.1127	+/-1.00	
M9PFNA	1.84	101	25 - 150	7.946967	7.832919	0.1140	+/-1.00	
M2-4:2 FTS	6.89	76.0	25 - 150	5.7484	5.70215	0.0463	+/-1.00	
d-N-MeFOSA	3.67	10.9	25 - 150	9.942467	9.834121	0.1083	+/-1.00	*
d-N-EtFOSA	3.67	44.0	25 - 150	10.19842	10.11588	0.0825	+/-1.00	
M3HFPO-DA	14.7	99.7	25 - 150	6.09535	6.026073	0.0693	+/-1.00	
d9-N-EtFOSE	36.7	14.1	25 - 150	10.19585	10.09507	0.1008	+/-1.00	*
d7-N-MeFOSE	36.7	12.3	25 - 150	9.9383	9.831602	0.1067	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-2A (22L1392-04)			Lab File ID: QQQ22994.d		Analyzed: 01/10/23 20:13			
M3PFBS	2.47	101	25 - 150	4.9378	4.911855	0.0259	+/-1.00	
M5PFHxA	2.65	114	25 - 150	5.804934	5.758683	0.0463	+/-1.00	
M4PFHpA	2.65	104	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	2.51	113	25 - 150	6.729517	6.656318	0.0732	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.65	107	25 - 150	7.314816	7.230883	0.0839	+/-1.00	
M6PFDA	1.32	117	25 - 150	8.465633	8.36024	0.1054	+/-1.00	
M7PFUdA	1.32	94.4	25 - 150	8.919184	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.32	77.5	25 - 150	9.298384	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.32	71.6	10 - 150	9.943733	9.894013	0.0497	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6	115	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.54	107	25 - 150	7.973166	7.87006	0.1031	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.30	116	25 - 150	4.053633	4.104181	-0.0505	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.65	13.2	10 - 150	9.091166	8.964461	0.1267	+/-1.00	
d3-N-MeFOSAA	5.30	89.4	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	5.30	87.6	25 - 150	8.8904	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	5.04	74.7	25 - 200	7.276166	7.189817	0.0863	+/-1.00	
M2-8:2 FTS	5.08	70.5	25 - 200	8.446267	8.342792	0.1035	+/-1.00	
M9PFNA	1.32	135	25 - 150	7.937333	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	4.97	91.5	25 - 150	5.739167	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	2.65	13.2	25 - 150	9.91375	9.834121	0.0796	+/-1.00	*
d-N-EtFOSA	2.65	49.6	25 - 150	10.18	10.11588	0.0641	+/-1.00	
M3HFPO-DA	10.6	98.2	25 - 150	6.076883	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	26.5	15.5	25 - 150	10.15902	10.09507	0.0640	+/-1.00	*
d7-N-MeFOSE	26.5	14.1	25 - 150	9.9193	9.831602	0.0877	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-2B (22L1392-05)			Lab File ID: QQQ22995.d		Analyzed: 01/10/23 20:29			
M3PFBS	3.01	87.4	25 - 150	4.937817	4.911855	0.0260	+/-1.00	
M5PFHxA	3.23	98.5	25 - 150	5.7957	5.758683	0.0370	+/-1.00	
M4PFHpA	3.23	94.8	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	3.06	98.8	25 - 150	6.739617	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.23	86.0	25 - 150	7.324533	7.230883	0.0936	+/-1.00	
M6PFDA	1.61	88.6	25 - 150	8.46565	8.36024	0.1054	+/-1.00	
M7PFUdA	1.61	76.8	25 - 150	8.9099	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.61	66.8	25 - 150	9.307983	9.195258	0.1127	+/-1.00	
M2PFTeDA	1.61	54.5	10 - 150	9.971367	9.894013	0.0774	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.9	101	25 - 150	1.067117	1.088911	-0.0218	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.09	100	25 - 150	7.98245	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.45	104	25 - 150	4.0904	4.104181	-0.0138	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.23	8.33	10 - 150	9.091166	8.964461	0.1267	+/-1.00	*
d3-N-MeFOSAA	6.45	75.5	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	6.45	75.9	25 - 150	8.881133	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	6.13	63.3	25 - 200	7.276166	7.189817	0.0863	+/-1.00	
M2-8:2 FTS	6.19	66.8	25 - 200	8.446267	8.342792	0.1035	+/-1.00	
M9PFNA	1.61	111	25 - 150	7.937333	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	6.05	69.2	25 - 150	5.739167	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	3.23	7.11	25 - 150	9.951667	9.834121	0.1175	+/-1.00	*
d-N-EtFOSA	3.23	39.4	25 - 150	10.21682	10.11588	0.1009	+/-1.00	
M3HFPO-DA	12.9	96.3	25 - 150	6.06765	6.026073	0.0416	+/-1.00	
d9-N-EtFOSE	32.3	11.0	25 - 150	10.20505	10.09507	0.1100	+/-1.00	*
d7-N-MeFOSE	32.3	11.1	25 - 150	9.956717	9.831602	0.1251	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-2C (22L1392-06)			Lab File ID: QQQ22996.d		Analyzed: 01/10/23 20:45			
M3PFBS	2.95	83.4	25 - 150	4.928583	4.911855	0.0167	+/-1.00	
M5PFHxA	3.16	93.8	25 - 150	5.795683	5.758683	0.0370	+/-1.00	
M4PFHpA	3.16	87.9	25 - 150	6.64725	6.558946	0.0883	+/-1.00	
M3PFHxS	3.00	95.5	25 - 150	6.758067	6.656318	0.1017	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.16	75.5	25 - 150	7.343067	7.230883	0.1122	+/-1.00	
M6PFDA	1.58	86.6	25 - 150	8.4749	8.36024	0.1147	+/-1.00	
M7PFUdA	1.58	79.3	25 - 150	8.9099	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.58	69.4	25 - 150	9.298384	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.58	55.6	10 - 150	9.943717	9.894013	0.0497	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	103	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.03	89.0	25 - 150	7.99195	7.87006	0.1219	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.33	101	25 - 150	4.072017	4.104181	-0.0322	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.16	18.3	10 - 150	9.091166	8.964461	0.1267	+/-1.00	
d3-N-MeFOSAA	6.33	68.1	25 - 150	8.667334	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	6.33	69.2	25 - 150	8.881117	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	6.02	61.6	25 - 200	7.295417	7.189817	0.1056	+/-1.00	
M2-8:2 FTS	6.08	69.9	25 - 200	8.455517	8.342792	0.1127	+/-1.00	
M9PFNA	1.58	108	25 - 150	7.94695	7.832919	0.1140	+/-1.00	
M2-4:2 FTS	5.94	66.7	25 - 150	5.7299	5.70215	0.0278	+/-1.00	
d-N-MeFOSA	3.16	15.5	25 - 150	9.922967	9.834121	0.0888	+/-1.00	*
d-N-EtFOSA	3.16	52.4	25 - 150	10.1892	10.11588	0.0733	+/-1.00	
M3HFPO-DA	12.7	87.7	25 - 150	6.076883	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	31.6	18.2	25 - 150	10.17742	10.09507	0.0823	+/-1.00	*
d7-N-MeFOSE	31.6	17.7	25 - 150	9.928516	9.831602	0.0969	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-3A (22L1392-07)			Lab File ID: QQQ22997.d		Analyzed: 01/10/23 21:01			
M3PFBS	2.60	112	25 - 150	4.928583	4.911855	0.0167	+/-1.00	
M5PFHxA	2.79	117	25 - 150	5.795683	5.758683	0.0370	+/-1.00	
M4PFHpA	2.79	116	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	2.64	129	25 - 150	6.729517	6.656318	0.0732	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.79	107	25 - 150	7.314816	7.230883	0.0839	+/-1.00	
M6PFDA	1.39	114	25 - 150	8.46565	8.36024	0.1054	+/-1.00	
M7PFUdA	1.39	99.7	25 - 150	8.909917	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.39	85.7	25 - 150	9.298384	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.39	72.5	10 - 150	9.952933	9.894013	0.0589	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2	115	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.67	125	25 - 150	7.973166	7.87006	0.1031	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.58	119	25 - 150	4.072017	4.104181	-0.0322	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.79	5.21	10 - 150	9.0819	8.964461	0.1174	+/-1.00	*
d3-N-MeFOSAA	5.58	99.2	25 - 150	8.658083	8.558448	0.0996	+/-1.00	
d5-N-EtFOSAA	5.58	100	25 - 150	8.881133	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	5.31	88.0	25 - 200	7.276166	7.189817	0.0863	+/-1.00	
M2-8:2 FTS	5.36	94.4	25 - 200	8.437	8.342792	0.0942	+/-1.00	
M9PFNA	1.39	116	25 - 150	7.92805	7.832919	0.0951	+/-1.00	
M2-4:2 FTS	5.23	93.0	25 - 150	5.739167	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	2.79	6.29	25 - 150	9.922967	9.834121	0.0888	+/-1.00	*
d-N-EtFOSA	2.79	51.3	25 - 150	10.1984	10.11588	0.0825	+/-1.00	
M3HFPO-DA	11.2	102	25 - 150	6.076883	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	27.9	8.62	25 - 150	10.17742	10.09507	0.0823	+/-1.00	*
d7-N-MeFOSE	27.9	8.45	25 - 150	9.938283	9.831602	0.1067	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-3B (22L1392-08)			Lab File ID: QQQ22998.d		Analyzed: 01/10/23 21:18			
M3PFBS	2.97	92.6	25 - 150	4.918684	4.911855	0.0068	+/-1.00	
M5PFHxA	3.19	104	25 - 150	5.786433	5.758683	0.0277	+/-1.00	
M4PFHpA	3.19	104	25 - 150	6.610217	6.558946	0.0513	+/-1.00	
M3PFHxS	3.02	108	25 - 150	6.711017	6.656318	0.0547	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.19	89.7	25 - 150	7.30555	7.230883	0.0747	+/-1.00	
M6PFDA	1.59	102	25 - 150	8.456384	8.36024	0.0961	+/-1.00	
M7PFUdA	1.59	83.3	25 - 150	8.900617	8.808079	0.0925	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.59	77.2	25 - 150	9.289117	9.195258	0.0939	+/-1.00	
M2PFTeDA	1.59	57.6	10 - 150	9.96215	9.894013	0.0681	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	103	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.05	102	25 - 150	7.963883	7.87006	0.0938	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.37	108	25 - 150	4.053633	4.104181	-0.0505	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.19	11.4	10 - 150	9.0819	8.964461	0.1174	+/-1.00	
d3-N-MeFOSAA	6.37	76.9	25 - 150	8.658083	8.558448	0.0996	+/-1.00	
d5-N-EtFOSAA	6.37	80.5	25 - 150	8.87185	8.777927	0.0939	+/-1.00	
M2-6:2 FTS	6.06	76.2	25 - 200	7.257667	7.189817	0.0679	+/-1.00	
M2-8:2 FTS	6.12	74.1	25 - 200	8.437	8.342792	0.0942	+/-1.00	
M9PFNA	1.59	120	25 - 150	7.918783	7.832919	0.0859	+/-1.00	
M2-4:2 FTS	5.98	72.6	25 - 150	5.7299	5.70215	0.0278	+/-1.00	
d-N-MeFOSA	3.19	9.79	25 - 150	9.94245	9.834121	0.1083	+/-1.00	*
d-N-EtFOSA	3.19	45.8	25 - 150	10.1984	10.11588	0.0825	+/-1.00	
M3HFPO-DA	12.7	98.6	25 - 150	6.058417	6.026073	0.0323	+/-1.00	
d9-N-EtFOSE	31.9	13.0	25 - 150	10.18662	10.09507	0.0915	+/-1.00	*
d7-N-MeFOSE	31.9	12.4	25 - 150	9.9475	9.831602	0.1159	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-3C (22L1392-09)			Lab File ID: QQQ22999.d		Analyzed: 01/10/23 21:34			
M3PFBS	3.04	85.9	25 - 150	4.937817	4.911855	0.0260	+/-1.00	
M5PFHxA	3.26	96.5	25 - 150	5.804934	5.758683	0.0463	+/-1.00	
M4PFHpA	3.26	95.1	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	3.09	96.7	25 - 150	6.7396	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.26	87.6	25 - 150	7.343083	7.230883	0.1122	+/-1.00	
M6PFDA	1.63	96.7	25 - 150	8.4749	8.36024	0.1147	+/-1.00	
M7PFUdA	1.63	78.6	25 - 150	8.9099	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.63	69.8	25 - 150	9.27985	9.195258	0.0846	+/-1.00	
M2PFTeDA	1.63	57.7	10 - 150	9.91595	9.894013	0.0219	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.0	99.6	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.12	102	25 - 150	7.991967	7.87006	0.1219	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.51	99.2	25 - 150	4.0904	4.104181	-0.0138	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.26	11.5	10 - 150	9.0819	8.964461	0.1174	+/-1.00	
d3-N-MeFOSAA	6.51	73.7	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	6.51	74.2	25 - 150	8.881133	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	6.19	61.1	25 - 200	7.295434	7.189817	0.1056	+/-1.00	
M2-8:2 FTS	6.25	62.9	25 - 200	8.446267	8.342792	0.1035	+/-1.00	
M9PFNA	1.63	114	25 - 150	7.94695	7.832919	0.1140	+/-1.00	
M2-4:2 FTS	6.11	65.3	25 - 150	5.739167	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	3.26	8.72	25 - 150	9.9045	9.834121	0.0704	+/-1.00	*
d-N-EtFOSA	3.26	38.1	25 - 150	10.16157	10.11588	0.0457	+/-1.00	
M3HFPO-DA	13.0	87.9	25 - 150	6.076883	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	32.6	11.9	25 - 150	10.14003	10.09507	0.0450	+/-1.00	*
d7-N-MeFOSE	32.6	12.5	25 - 150	9.900833	9.831602	0.0692	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-4A (22L1392-10)			Lab File ID: QQQ23000.d		Analyzed: 01/10/23 21:50			
M3PFBS	2.62	95.0	25 - 150	4.947033	4.911855	0.0352	+/-1.00	
M5PFHxA	2.81	114	25 - 150	5.823433	5.758683	0.0647	+/-1.00	
M4PFHpA	2.81	109	25 - 150	6.637983	6.558946	0.0790	+/-1.00	
M3PFHxS	2.66	109	25 - 150	6.748833	6.656318	0.0925	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.81	102	25 - 150	7.3338	7.230883	0.1029	+/-1.00	
M6PFDA	1.40	121	25 - 150	8.465633	8.36024	0.1054	+/-1.00	
M7PFUdA	1.40	104	25 - 150	8.909917	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.40	88.0	25 - 150	9.289133	9.195258	0.0939	+/-1.00	
M2PFTeDA	1.40	68.6	10 - 150	9.94375	9.894013	0.0497	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2	111	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.69	125	25 - 150	7.98245	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.61	116	25 - 150	4.072017	4.104181	-0.0322	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.81	4.19	10 - 150	9.0819	8.964461	0.1174	+/-1.00	*
d3-N-MeFOSAA	5.61	91.7	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	5.61	83.9	25 - 150	8.881133	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	5.34	73.6	25 - 200	7.285417	7.189817	0.0956	+/-1.00	
M2-8:2 FTS	5.39	85.1	25 - 200	8.446267	8.342792	0.1035	+/-1.00	
M9PFNA	1.40	119	25 - 150	7.94695	7.832919	0.1140	+/-1.00	
M2-4:2 FTS	5.26	75.9	25 - 150	5.75765	5.70215	0.0555	+/-1.00	
d-N-MeFOSA	2.81	4.67	25 - 150	9.923	9.834121	0.0889	+/-1.00	*
d-N-EtFOSA	2.81	38.2	25 - 150	10.18002	10.11588	0.0641	+/-1.00	
M3HFPO-DA	11.2	106	25 - 150	6.09535	6.026073	0.0693	+/-1.00	
d9-N-EtFOSE	28.1	5.30	25 - 150	10.16823	10.09507	0.0732	+/-1.00	*
d7-N-MeFOSE	28.1	4.64	25 - 150	9.92855	9.831602	0.0969	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-4B (22L1392-11)			Lab File ID: QQQ23003.d		Analyzed: 01/10/23 22:38			
M3PFBS	3.13	103	25 - 150	4.928583	4.911855	0.0167	+/-1.00	
M5PFHxA	3.36	108	25 - 150	5.795683	5.758683	0.0370	+/-1.00	
M4PFHpA	3.36	103	25 - 150	6.619467	6.558946	0.0605	+/-1.00	
M3PFHxS	3.18	118	25 - 150	6.720267	6.656318	0.0639	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.36	94.9	25 - 150	7.305567	7.230883	0.0747	+/-1.00	
M6PFDA	1.68	118	25 - 150	8.4564	8.36024	0.0962	+/-1.00	
M7PFUdA	1.68	93.4	25 - 150	8.900633	8.808079	0.0926	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.68	87.5	25 - 150	9.2706	9.195258	0.0753	+/-1.00	
M2PFTeDA	1.68	69.8	10 - 150	9.915967	9.894013	0.0220	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.4	106	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.21	106	25 - 150	7.9639	7.87006	0.0938	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.71	110	25 - 150	4.072017	4.104181	-0.0322	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.36	4.16	10 - 150	9.072634	8.964461	0.1082	+/-1.00	*
d3-N-MeFOSAA	6.71	74.6	25 - 150	8.6581	8.558448	0.0997	+/-1.00	
d5-N-EtFOSAA	6.71	65.0	25 - 150	8.871866	8.777927	0.0939	+/-1.00	
M2-6:2 FTS	6.38	73.7	25 - 200	7.266933	7.189817	0.0771	+/-1.00	
M2-8:2 FTS	6.44	84.7	25 - 200	8.437016	8.342792	0.0942	+/-1.00	
M9PFNA	1.68	104	25 - 150	7.918783	7.832919	0.0859	+/-1.00	
M2-4:2 FTS	6.29	82.8	25 - 150	5.73915	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	3.36	7.78	25 - 150	9.895284	9.834121	0.0612	+/-1.00	*
d-N-EtFOSA	3.36	48.1	25 - 150	9.921516	10.11588	-0.1944	+/-1.00	
M3HFPO-DA	13.4	94.5	25 - 150	6.06765	6.026073	0.0416	+/-1.00	
d9-N-EtFOSE	33.6	4.47	25 - 150	10.14005	10.09507	0.0450	+/-1.00	*
d7-N-MeFOSE	33.6	4.37	25 - 150	9.90085	9.831602	0.0692	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-4C (22L1392-12)			Lab File ID: QQQ23004.d		Analyzed: 01/10/23 22:54			
M3PFBS	3.07	92.9	25 - 150	4.947017	4.911855	0.0352	+/-1.00	
M5PFHxA	3.29	95.2	25 - 150	5.814183	5.758683	0.0555	+/-1.00	
M4PFHpA	3.29	95.0	25 - 150	6.628716	6.558946	0.0698	+/-1.00	
M3PFHxS	3.12	102	25 - 150	6.7396	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.29	98.7	25 - 150	7.324533	7.230883	0.0936	+/-1.00	
M6PFDA	1.65	92.7	25 - 150	8.484167	8.36024	0.1239	+/-1.00	
M7PFUdA	1.65	89.2	25 - 150	8.928467	8.808079	0.1204	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.65	72.8	25 - 150	9.307983	9.195258	0.1127	+/-1.00	
M2PFTeDA	1.65	60.3	10 - 150	9.952933	9.894013	0.0589	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.2	101	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.15	96.5	25 - 150	7.99195	7.87006	0.1219	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.58	102	25 - 150	4.0812	4.104181	-0.0230	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.29	13.4	10 - 150	9.100583	8.964461	0.1361	+/-1.00	
d3-N-MeFOSAA	6.58	76.1	25 - 150	8.685884	8.558448	0.1274	+/-1.00	
d5-N-EtFOSAA	6.58	77.9	25 - 150	8.899683	8.777927	0.1218	+/-1.00	
M2-6:2 FTS	6.26	69.9	25 - 200	7.276166	7.189817	0.0863	+/-1.00	
M2-8:2 FTS	6.32	73.0	25 - 200	8.4648	8.342792	0.1220	+/-1.00	
M9PFNA	1.65	99.7	25 - 150	7.956217	7.832919	0.1233	+/-1.00	
M2-4:2 FTS	6.17	74.6	25 - 150	5.7484	5.70215	0.0463	+/-1.00	
d-N-MeFOSA	3.29	14.5	25 - 150	9.9322	9.834121	0.0981	+/-1.00	*
d-N-EtFOSA	3.29	46.9	25 - 150	10.19842	10.11588	0.0825	+/-1.00	
M3HFPO-DA	13.2	92.2	25 - 150	6.086117	6.026073	0.0600	+/-1.00	
d9-N-EtFOSE	32.9	13.4	25 - 150	10.17742	10.09507	0.0823	+/-1.00	*
d7-N-MeFOSE	32.9	13.2	25 - 150	9.9383	9.831602	0.1067	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-5A (22L1392-13)			Lab File ID: QQQ23005.d		Analyzed: 01/10/23 23:10			
M3PFBS	2.84	105	25 - 150	4.9378	4.911855	0.0259	+/-1.00	
M5PFHxA	3.04	106	25 - 150	5.823433	5.758683	0.0647	+/-1.00	
M4PFHpA	3.04	104	25 - 150	6.637983	6.558946	0.0790	+/-1.00	
M3PFHxS	2.88	125	25 - 150	6.748833	6.656318	0.0925	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.04	101	25 - 150	7.324533	7.230883	0.0936	+/-1.00	
M6PFDA	1.52	111	25 - 150	8.465633	8.36024	0.1054	+/-1.00	
M7PFUdA	1.52	98.3	25 - 150	8.9099	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.52	84.8	25 - 150	9.2891	9.195258	0.0938	+/-1.00	
M2PFTeDA	1.52	67.3	10 - 150	9.9437	9.894013	0.0497	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.2	105	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.91	118	25 - 150	7.98245	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.09	111	25 - 150	4.072017	4.104181	-0.0322	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.04	4.36	10 - 150	9.081883	8.964461	0.1174	+/-1.00	*
d3-N-MeFOSAA	6.09	84.4	25 - 150	8.667334	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	6.09	83.9	25 - 150	8.881117	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	5.79	77.2	25 - 200	7.285417	7.189817	0.0956	+/-1.00	
M2-8:2 FTS	5.84	94.1	25 - 200	8.44625	8.342792	0.1035	+/-1.00	
M9PFNA	1.52	122	25 - 150	7.937333	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	5.71	89.3	25 - 150	5.75765	5.70215	0.0555	+/-1.00	
d-N-MeFOSA	3.04	5.03	25 - 150	9.92295	9.834121	0.0888	+/-1.00	*
d-N-EtFOSA	3.04	47.9	25 - 150	10.01448	10.11588	-0.1014	+/-1.00	
M3HFPO-DA	12.2	95.3	25 - 150	6.09535	6.026073	0.0693	+/-1.00	
d9-N-EtFOSE	30.4	6.22	25 - 150	10.17742	10.09507	0.0823	+/-1.00	*
d7-N-MeFOSE	30.4	5.50	25 - 150	9.9285	9.831602	0.0969	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-5B (22L1392-14)			Lab File ID: QQQ23006.d		Analyzed: 01/10/23 23:26			
M3PFBS	2.63	95.9	25 - 150	4.909467	4.911855	-0.0024	+/-1.00	
M5PFHxA	2.82	111	25 - 150	5.78645	5.758683	0.0278	+/-1.00	
M4PFHpA	2.82	106	25 - 150	6.619483	6.558946	0.0605	+/-1.00	
M3PFHxS	2.68	117	25 - 150	6.729533	6.656318	0.0732	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.82	104	25 - 150	7.314833	7.230883	0.0839	+/-1.00	
M6PFDA	1.41	99.7	25 - 150	8.474916	8.36024	0.1147	+/-1.00	
M7PFUdA	1.41	94.6	25 - 150	8.9192	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.41	70.1	25 - 150	9.308	9.195258	0.1127	+/-1.00	
M2PFTeDA	1.41	62.7	10 - 150	9.971383	9.894013	0.0774	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.3	112	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.71	110	25 - 150	7.973183	7.87006	0.1031	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.65	114	25 - 150	4.053633	4.104181	-0.0505	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.82	13.0	10 - 150	9.1006	8.964461	0.1361	+/-1.00	
d3-N-MeFOSAA	5.65	81.5	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	5.65	84.7	25 - 150	8.890417	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	5.37	79.5	25 - 200	7.266933	7.189817	0.0771	+/-1.00	
M2-8:2 FTS	5.42	77.6	25 - 200	8.446283	8.342792	0.1035	+/-1.00	
M9PFNA	1.41	114	25 - 150	7.928067	7.832919	0.0951	+/-1.00	
M2-4:2 FTS	5.30	83.1	25 - 150	5.720667	5.70215	0.0185	+/-1.00	
d-N-MeFOSA	2.82	14.6	25 - 150	9.951683	9.834121	0.1176	+/-1.00	*
d-N-EtFOSA	2.82	43.6	25 - 150	10.21683	10.11588	0.1009	+/-1.00	
M3HFPO-DA	11.3	101	25 - 150	6.058417	6.026073	0.0323	+/-1.00	
d9-N-EtFOSE	28.2	13.7	25 - 150	10.20507	10.09507	0.1100	+/-1.00	*
d7-N-MeFOSE	28.2	16.3	25 - 150	9.956734	9.831602	0.1251	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-5C (22L1392-15)			Lab File ID: QQQ23007.d		Analyzed: 01/10/23 23:42			
M3PFBS	2.87	95.1	25 - 150	4.928583	4.911855	0.0167	+/-1.00	
M5PFHxA	3.07	114	25 - 150	5.795683	5.758683	0.0370	+/-1.00	
M4PFHpA	3.07	104	25 - 150	6.628716	6.558946	0.0698	+/-1.00	
M3PFHxS	2.91	102	25 - 150	6.7396	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.07	90.4	25 - 150	7.343067	7.230883	0.1122	+/-1.00	
M6PFDA	1.54	92.0	25 - 150	8.474883	8.36024	0.1146	+/-1.00	
M7PFUdA	1.54	84.7	25 - 150	8.919167	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.54	73.8	25 - 150	9.298367	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.54	54.4	10 - 150	9.962133	9.894013	0.0681	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.3	112	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.95	95.6	25 - 150	8.001217	7.87006	0.1312	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.15	118	25 - 150	4.062817	4.104181	-0.0414	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.07	27.7	10 - 150	9.09115	8.964461	0.1267	+/-1.00	
d3-N-MeFOSAA	6.15	79.9	25 - 150	8.6766	8.558448	0.1182	+/-1.00	
d5-N-EtFOSAA	6.15	78.7	25 - 150	8.890384	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	5.85	73.5	25 - 200	7.295417	7.189817	0.1056	+/-1.00	
M2-8:2 FTS	5.90	66.9	25 - 200	8.455517	8.342792	0.1127	+/-1.00	
M9PFNA	1.54	109	25 - 150	7.9655	7.832919	0.1326	+/-1.00	
M2-4:2 FTS	5.77	80.1	25 - 150	5.7299	5.70215	0.0278	+/-1.00	
d-N-MeFOSA	3.07	24.8	25 - 150	9.942433	9.834121	0.1083	+/-1.00	*
d-N-EtFOSA	3.07	51.8	25 - 150	10.2076	10.11588	0.0917	+/-1.00	
M3HFPO-DA	12.3	102	25 - 150	6.067633	6.026073	0.0416	+/-1.00	
d9-N-EtFOSE	30.7	21.7	25 - 150	10.19582	10.09507	0.1008	+/-1.00	*
d7-N-MeFOSE	30.7	23.3	25 - 150	9.947483	9.831602	0.1159	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-5D (22L1392-16)			Lab File ID: QQQ23008.d		Analyzed: 01/10/23 23:58			
M3PFBS	3.08	102	25 - 150	4.947033	4.911855	0.0352	+/-1.00	
M5PFHxA	3.31	108	25 - 150	5.804934	5.758683	0.0463	+/-1.00	
M4PFHpA	3.31	100	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	3.14	112	25 - 150	6.729517	6.656318	0.0732	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.31	90.6	25 - 150	7.324533	7.230883	0.0936	+/-1.00	
M6PFDA	1.65	103	25 - 150	8.474916	8.36024	0.1147	+/-1.00	
M7PFUdA	1.65	97.0	25 - 150	8.9192	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.65	83.9	25 - 150	9.308	9.195258	0.1127	+/-1.00	
M2PFTeDA	1.65	64.8	10 - 150	9.971383	9.894013	0.0774	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.2	110	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.17	104	25 - 150	7.982467	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.62	114	25 - 150	4.0996	4.104181	-0.0046	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.31	16.7	10 - 150	9.1006	8.964461	0.1361	+/-1.00	
d3-N-MeFOSAA	6.62	75.7	25 - 150	8.667367	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	6.62	80.8	25 - 150	8.890417	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	6.29	71.6	25 - 200	7.276166	7.189817	0.0863	+/-1.00	
M2-8:2 FTS	6.35	73.5	25 - 200	8.446283	8.342792	0.1035	+/-1.00	
M9PFNA	1.65	109	25 - 150	7.93735	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	6.21	78.2	25 - 150	5.748417	5.70215	0.0463	+/-1.00	
d-N-MeFOSA	3.31	13.7	25 - 150	9.951683	9.834121	0.1176	+/-1.00	*
d-N-EtFOSA	3.31	51.7	25 - 150	10.21683	10.11588	0.1009	+/-1.00	
M3HFPO-DA	13.2	104	25 - 150	6.086133	6.026073	0.0601	+/-1.00	
d9-N-EtFOSE	33.1	14.5	25 - 150	10.20507	10.09507	0.1100	+/-1.00	*
d7-N-MeFOSE	33.1	13.6	25 - 150	9.956734	9.831602	0.1251	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-6A (22L1392-17)			Lab File ID: QQQ23009.d		Analyzed: 01/11/23 00:14			
M3PFBS	2.58	109	25 - 150	4.90025	4.911855	-0.0116	+/-1.00	
M5PFHxA	2.76	118	25 - 150	5.786433	5.758683	0.0277	+/-1.00	
M4PFHpA	2.76	113	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	2.62	130	25 - 150	6.739617	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.76	110	25 - 150	7.32455	7.230883	0.0937	+/-1.00	
M6PFDA	1.38	111	25 - 150	8.465667	8.36024	0.1054	+/-1.00	
M7PFUdA	1.38	95.0	25 - 150	8.909933	8.808079	0.1019	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.38	88.5	25 - 150	9.298417	9.195258	0.1032	+/-1.00	
M2PFTeDA	1.38	58.9	10 - 150	9.962183	9.894013	0.0682	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.1	117	25 - 150	1.030383	1.088911	-0.0585	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.65	126	25 - 150	7.982467	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.53	120	25 - 150	4.04445	4.104181	-0.0597	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.76	6.12	10 - 150	9.091184	8.964461	0.1267	+/-1.00	*
d3-N-MeFOSAA	5.53	93.6	25 - 150	8.667367	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	5.53	89.8	25 - 150	8.88115	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	5.26	88.8	25 - 200	7.285433	7.189817	0.0956	+/-1.00	
M2-8:2 FTS	5.31	104	25 - 200	8.446283	8.342792	0.1035	+/-1.00	
M9PFNA	1.38	124	25 - 150	7.93735	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	5.18	93.1	25 - 150	5.72065	5.70215	0.0185	+/-1.00	
d-N-MeFOSA	2.76	6.31	25 - 150	9.9517	9.834121	0.1176	+/-1.00	*
d-N-EtFOSA	2.76	40.6	25 - 150	9.996083	10.11588	-0.1198	+/-1.00	
M3HFPO-DA	11.1	110	25 - 150	6.058417	6.026073	0.0323	+/-1.00	
d9-N-EtFOSE	27.6	5.29	25 - 150	10.19587	10.09507	0.1008	+/-1.00	*
d7-N-MeFOSE	27.6	6.34	25 - 150	9.947534	9.831602	0.1159	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-6B (22L1392-18)			Lab File ID: QQQ23010.d		Analyzed: 01/11/23 00:30			
M3PFBS	2.96	80.0	25 - 150	4.947017	4.911855	0.0352	+/-1.00	
M5PFHxA	3.18	95.9	25 - 150	5.814183	5.758683	0.0555	+/-1.00	
M4PFHpA	3.18	89.2	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	3.02	93.1	25 - 150	6.739617	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.18	79.1	25 - 150	7.324533	7.230883	0.0936	+/-1.00	
M6PFDA	1.59	84.2	25 - 150	8.474916	8.36024	0.1147	+/-1.00	
M7PFUdA	1.59	76.7	25 - 150	8.9192	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.59	65.8	25 - 150	9.2984	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.59	53.0	10 - 150	9.943733	9.894013	0.0497	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	94.2	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.05	103	25 - 150	7.98245	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.36	95.6	25 - 150	4.062817	4.104181	-0.0414	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.18	13.5	10 - 150	9.1006	8.964461	0.1361	+/-1.00	
d3-N-MeFOSAA	6.36	71.5	25 - 150	8.676617	8.558448	0.1182	+/-1.00	
d5-N-EtFOSAA	6.36	70.2	25 - 150	8.890417	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	6.05	64.6	25 - 200	7.276183	7.189817	0.0864	+/-1.00	
M2-8:2 FTS	6.11	63.3	25 - 200	8.455533	8.342792	0.1127	+/-1.00	
M9PFNA	1.59	94.1	25 - 150	7.937333	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	5.97	67.1	25 - 150	5.7484	5.70215	0.0463	+/-1.00	
d-N-MeFOSA	3.18	12.1	25 - 150	9.922983	9.834121	0.0889	+/-1.00	*
d-N-EtFOSA	3.18	42.8	25 - 150	10.18	10.11588	0.0641	+/-1.00	
M3HFPO-DA	12.7	88.2	25 - 150	6.086117	6.026073	0.0600	+/-1.00	
d9-N-EtFOSE	31.8	15.3	25 - 150	10.16822	10.09507	0.0732	+/-1.00	*
d7-N-MeFOSE	31.8	14.5	25 - 150	9.9193	9.831602	0.0877	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-6C (22L1392-19)			Lab File ID: QQQ23011.d		Analyzed: 01/11/23 00:47			
M3PFBS	3.30	74.9	25 - 150	4.9378	4.911855	0.0259	+/-1.00	
M5PFHxA	3.54	77.4	25 - 150	5.804934	5.758683	0.0463	+/-1.00	
M4PFHpA	3.54	69.7	25 - 150	6.637983	6.558946	0.0790	+/-1.00	
M3PFHxS	3.36	76.6	25 - 150	6.739617	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.54	64.2	25 - 150	7.333817	7.230883	0.1029	+/-1.00	
M6PFDA	1.77	71.0	25 - 150	8.46565	8.36024	0.1054	+/-1.00	
M7PFUdA	1.77	63.3	25 - 150	8.9192	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.77	52.7	25 - 150	9.308	9.195258	0.1127	+/-1.00	
M2PFTeDA	1.77	41.8	10 - 150	9.95295	9.894013	0.0589	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.2	92.7	25 - 150	1.067117	1.088911	-0.0218	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.39	70.5	25 - 150	7.982467	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.09	87.4	25 - 150	4.099583	4.104181	-0.0046	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.54	11.5	10 - 150	9.1006	8.964461	0.1361	+/-1.00	
d3-N-MeFOSAA	7.09	46.2	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	7.09	48.1	25 - 150	8.890417	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	6.74	48.6	25 - 200	7.285433	7.189817	0.0956	+/-1.00	
M2-8:2 FTS	6.80	52.1	25 - 200	8.446283	8.342792	0.1035	+/-1.00	
M9PFNA	1.77	79.0	25 - 150	7.93735	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	6.65	57.8	25 - 150	5.73915	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	3.54	8.41	25 - 150	9.9322	9.834121	0.0981	+/-1.00	*
d-N-EtFOSA	3.54	38.8	25 - 150	10.18922	10.11588	0.0733	+/-1.00	
M3HFPO-DA	14.2	72.2	25 - 150	6.076883	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	35.4	10.5	25 - 150	10.18665	10.09507	0.0916	+/-1.00	*
d7-N-MeFOSE	35.4	10.3	25 - 150	9.9383	9.831602	0.1067	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-7A (22L1392-20)			Lab File ID: QQQ23012.d		Analyzed: 01/11/23 01:03			
M3PFBS	2.47	87.8	25 - 150	4.937817	4.911855	0.0260	+/-1.00	
M5PFHxA	2.65	98.2	25 - 150	5.80495	5.758683	0.0463	+/-1.00	
M4PFHpA	2.65	93.8	25 - 150	6.638017	6.558946	0.0791	+/-1.00	
M3PFHxS	2.51	105	25 - 150	6.74885	6.656318	0.0925	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.65	84.1	25 - 150	7.352366	7.230883	0.1215	+/-1.00	
M6PFDA	1.32	90.2	25 - 150	8.474934	8.36024	0.1147	+/-1.00	
M7PFUdA	1.32	77.5	25 - 150	8.919217	8.808079	0.1111	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.32	70.6	25 - 150	9.298417	9.195258	0.1032	+/-1.00	
M2PFTeDA	1.32	50.4	10 - 150	9.934533	9.894013	0.0405	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6	97.7	25 - 150	1.048767	1.088911	-0.0401	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.53	107	25 - 150	8.001266	7.87006	0.1312	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.29	101	25 - 150	4.081217	4.104181	-0.0230	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.65	6.34	10 - 150	9.100616	8.964461	0.1362	+/-1.00	*
d3-N-MeFOSAA	5.29	79.7	25 - 150	8.676633	8.558448	0.1182	+/-1.00	
d5-N-EtFOSAA	5.29	68.0	25 - 150	8.890433	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	5.03	75.1	25 - 200	7.304717	7.189817	0.1149	+/-1.00	
M2-8:2 FTS	5.08	86.9	25 - 200	8.45555	8.342792	0.1128	+/-1.00	
M9PFNA	1.32	98.4	25 - 150	7.965533	7.832919	0.1326	+/-1.00	
M2-4:2 FTS	4.96	73.2	25 - 150	5.739167	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	2.65	4.50	25 - 150	9.923	9.834121	0.0889	+/-1.00	*
d-N-EtFOSA	2.65	36.6	25 - 150	9.968483	10.11588	-0.1474	+/-1.00	
M3HFPO-DA	10.6	88.1	25 - 150	6.0769	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	26.5	5.91	25 - 150	10.15903	10.09507	0.0640	+/-1.00	*
d7-N-MeFOSE	26.5	5.75	25 - 150	9.919316	9.831602	0.0877	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1231
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-7B (22L1392-21)			Lab File ID: QQQ23034.d		Analyzed: 01/11/23 19:44			
M3PFBS	3.28	90.0	25 - 150	4.9378	4.911855	0.0259	+/-1.00	
M5PFHxA	3.52	93.5	25 - 150	5.823433	5.758683	0.0647	+/-1.00	
M4PFHpA	3.52	87.4	25 - 150	6.656517	6.558946	0.0976	+/-1.00	
M3PFHxS	3.34	98.2	25 - 150	6.758067	6.656318	0.1017	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.52	84.1	25 - 150	7.333817	7.230883	0.1029	+/-1.00	
M6PFDA	1.76	94.2	25 - 150	8.474916	8.36024	0.1147	+/-1.00	
M7PFUdA	1.76	88.3	25 - 150	8.909917	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.76	73.0	25 - 150	9.289117	9.195258	0.0939	+/-1.00	
M2PFTeDA	1.76	36.6	10 - 150	9.925183	9.894013	0.0312	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.1	91.5	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.37	101	25 - 150	7.982467	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.04	94.8	25 - 150	4.0812	4.104181	-0.0230	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.52	3.65	10 - 150	9.091166	8.964461	0.1267	+/-1.00	*
d3-N-MeFOSAA	7.04	76.7	25 - 150	8.676617	8.558448	0.1182	+/-1.00	
d5-N-EtFOSAA	7.04	76.7	25 - 150	8.890417	8.777927	0.1125	+/-1.00	
M2-6:2 FTS	6.69	75.7	25 - 200	7.295434	7.189817	0.1056	+/-1.00	
M2-8:2 FTS	6.76	75.2	25 - 200	8.455533	8.342792	0.1127	+/-1.00	
M9PFNA	1.76	92.7	25 - 150	7.956234	7.832919	0.1233	+/-1.00	
M2-4:2 FTS	6.60	74.7	25 - 150	5.7669	5.70215	0.0648	+/-1.00	
d-N-MeFOSA	3.52	3.98	25 - 150	9.904516	9.834121	0.0704	+/-1.00	*
d-N-EtFOSA	3.52	35.5	25 - 150	9.950033	10.11588	-0.1658	+/-1.00	
M3HFPO-DA	14.1	86.6	25 - 150	6.113833	6.026073	0.0878	+/-1.00	
d9-N-EtFOSE	35.2	2.67	25 - 150	10.14927	10.09507	0.0542	+/-1.00	*
d7-N-MeFOSE	35.2	2.47	25 - 150	9.910084	9.831602	0.0785	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1231
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-7C (22L1392-22)			Lab File ID: QQQ23035.d		Analyzed: 01/11/23 20:00			
M3PFBS	2.85	76.8	25 - 150	4.965466	4.911855	0.0536	+/-1.00	
M5PFHxA	3.06	91.0	25 - 150	5.823433	5.758683	0.0647	+/-1.00	
M4PFHpA	3.06	91.3	25 - 150	6.638	6.558946	0.0791	+/-1.00	
M3PFHxS	2.90	79.9	25 - 150	6.748833	6.656318	0.0925	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.06	76.1	25 - 150	7.32455	7.230883	0.0937	+/-1.00	
M6PFDA	1.53	87.6	25 - 150	8.46565	8.36024	0.1054	+/-1.00	
M7PFUdA	1.53	71.6	25 - 150	8.909933	8.808079	0.1019	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.53	66.6	25 - 150	9.289133	9.195258	0.0939	+/-1.00	
M2PFTeDA	1.53	50.3	10 - 150	9.9252	9.894013	0.0312	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.2	89.5	25 - 150	1.039567	1.088911	-0.0493	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.93	78.6	25 - 150	7.973183	7.87006	0.1031	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.12	94.4	25 - 150	4.081217	4.104181	-0.0230	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.06	13.3	10 - 150	9.081917	8.964461	0.1175	+/-1.00	
d3-N-MeFOSAA	6.12	66.9	25 - 150	8.6581	8.558448	0.0997	+/-1.00	
d5-N-EtFOSAA	6.12	70.8	25 - 150	8.88115	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	5.82	53.5	25 - 200	7.276183	7.189817	0.0864	+/-1.00	
M2-8:2 FTS	5.87	58.8	25 - 200	8.446283	8.342792	0.1035	+/-1.00	
M9PFNA	1.53	82.4	25 - 150	7.93735	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	5.74	62.2	25 - 150	5.7669	5.70215	0.0648	+/-1.00	
d-N-MeFOSA	3.06	10.1	25 - 150	9.904516	9.834121	0.0704	+/-1.00	*
d-N-EtFOSA	3.06	53.0	25 - 150	10.16158	10.11588	0.0457	+/-1.00	
M3HFPO-DA	12.2	85.6	25 - 150	6.095366	6.026073	0.0693	+/-1.00	
d9-N-EtFOSE	30.6	13.0	25 - 150	10.14005	10.09507	0.0450	+/-1.00	*
d7-N-MeFOSE	30.6	13.6	25 - 150	9.90085	9.831602	0.0692	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1231
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB-7C Dup (22L1392-23)			Lab File ID: QQQ23036.d		Analyzed: 01/11/23 20:16			
M3PFBS	2.95	69.8	25 - 150	4.947033	4.911855	0.0352	+/-1.00	
M5PFHxA	3.17	69.6	25 - 150	5.804934	5.758683	0.0463	+/-1.00	
M4PFHpA	3.17	69.1	25 - 150	6.628733	6.558946	0.0698	+/-1.00	
M3PFHxS	3.00	75.0	25 - 150	6.7396	6.656318	0.0833	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.17	56.2	25 - 150	7.324533	7.230883	0.0936	+/-1.00	
M6PFDA	1.58	68.8	25 - 150	8.4749	8.36024	0.1147	+/-1.00	
M7PFUdA	1.58	55.4	25 - 150	8.9099	8.808079	0.1018	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.58	52.5	25 - 150	9.298384	9.195258	0.1031	+/-1.00	
M2PFTeDA	1.58	39.5	10 - 150	9.934517	9.894013	0.0405	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.7	83.8	25 - 150	1.04875	1.088911	-0.0402	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.03	72.3	25 - 150	7.98245	7.87006	0.1124	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.34	79.0	25 - 150	4.099583	4.104181	-0.0046	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.17	6.64	10 - 150	9.0819	8.964461	0.1174	+/-1.00	*
d3-N-MeFOSAA	6.34	53.4	25 - 150	8.66735	8.558448	0.1089	+/-1.00	
d5-N-EtFOSAA	6.34	54.1	25 - 150	8.881117	8.777927	0.1032	+/-1.00	
M2-6:2 FTS	6.03	50.8	25 - 200	7.276166	7.189817	0.0863	+/-1.00	
M2-8:2 FTS	6.08	59.3	25 - 200	8.446267	8.342792	0.1035	+/-1.00	
M9PFNA	1.58	64.7	25 - 150	7.937333	7.832919	0.1044	+/-1.00	
M2-4:2 FTS	5.94	55.8	25 - 150	5.73915	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	3.17	7.29	25 - 150	9.913733	9.834121	0.0796	+/-1.00	*
d-N-EtFOSA	3.17	37.2	25 - 150	10.17078	10.11588	0.0549	+/-1.00	
M3HFPO-DA	12.7	69.0	25 - 150	6.076883	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	31.7	7.04	25 - 150	10.15902	10.09507	0.0640	+/-1.00	*
d7-N-MeFOSE	31.7	6.88	25 - 150	9.9193	9.831602	0.0877	+/-1.00	*

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30171	Laboratory ID:	BA30171-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #		QC LIMITS REC.
11CL-PF3OUdS	151	129	85.2		50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	307	312	101		50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	300	294	98.1		50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	304	304	99.9		50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	1600	2340	146		50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	1600	2150	134		50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	320	383	120		50 - 150
9CL-PF3ONS	150	175	117		50 - 150
ADONA	151	172	114		50 - 150
HFPO-DA (Gen-X)	160	162	102		50 - 150
N-EtFOSA	80.0	64.0	80.0		50 - 150
N-EtFOSAA	80.0	86.4	108		50 - 150
N-EtFOSE	800	850	106		50 - 150
N-MeFOSA	80.0	91.2	114		50 - 150
N-MeFOSAA	80.0	81.3	102		50 - 150
N-MeFOSE	800	799	99.9		50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	142	158	111		50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	77.2	57.3	74.2		50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	76.4	80.7	106		50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	76.8	83.4	109		50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	80.0	89.8	112		50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	75.2	72.4	96.2		50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	160	107	67.0		50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	160	172	108		50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	160	170	106		50 - 150
Perfluorobutanesulfonic acid (PFBS)	70.8	71.8	101		50 - 150
Perfluorodecanoic acid (PFDA)	80.0	83.7	105		50 - 150
Perfluorododecanesulfonic acid (PFDoS)	77.6	34.6	44.6	*	50 - 150
Perfluorododecanoic acid (PFDoA)	80.0	85.9	107		50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30171	Laboratory ID:	BA30171-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250.06 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	15.1	12.2	80.9	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	30.7	35.3	115	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	30.0	33.6	112	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	30.4	31.7	104	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	160	227	142	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	160	211	132	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	32.0	38.2	119	50 - 150
9CL-PF3ONS	15.0	17.0	114	50 - 150
ADONA	15.1	18.2	120	50 - 150
HFPO-DA (Gen-X)	16.0	15.6	97.5	50 - 150
N-EtFOSA	8.00	27.9	349 *	50 - 150
N-EtFOSAA	8.00	8.95	112	50 - 150
N-EtFOSE	80.0	86.0	108	50 - 150
N-MeFOSA	8.00	8.40	105	50 - 150
N-MeFOSAA	8.00	7.13	89.2	50 - 150
N-MeFOSE	80.0	70.4	88.1	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	14.2	15.9	112	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	7.72	5.42	70.2	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.64	7.74	101	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	7.68	9.23	120	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	8.00	8.39	105	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	7.52	7.69	102	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	16.0	9.56	59.7	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	16.0	17.3	108	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	16.0	16.8	105	50 - 150
Perfluorobutanesulfonic acid (PFBS)	7.08	7.40	105	50 - 150
Perfluorodecanoic acid (PFDA)	8.00	8.30	104	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	7.76	3.01	38.9 *	50 - 150
Perfluorododecanoic acid (PFDoA)	8.00	6.98	87.3	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30171	Laboratory ID:	BA30171-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250.06 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	8.00	7.72	96.6	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	7.32	9.38	128	50 - 150
Perfluorohexanoic acid (PFHxA)	8.00	7.50	93.7	50 - 150
Perfluoro-n-butanoic acid (PFBA)	32.0	30.7	95.8	50 - 150
Perfluorononanoic acid (PFNA)	8.00	6.11	76.4	50 - 150
Perfluorooctanesulfonic acid (PFOS)	7.44	8.39	113	50 - 150
Perfluorooctanoic acid (PFOA)	8.00	7.92	99.1	50 - 150
Perfluoropentanoic acid (PFPeA)	16.0	16.1	100	50 - 150
Perfluorotetradecanoic acid (PFTA)	8.00	7.43	92.9	50 - 150
Perfluorotridecanoic acid (PFTrDA)	8.00	13.4	167 *	50 - 150
Perfluoroundecanoic acid (PFUnA)	8.00	8.15	102	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30182	Laboratory ID:	BA30182-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.51	10.3	138	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.3	17.7	116	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	17.5	117	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	18.9	125	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.5	37.6	47.2 *	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.5	29.4	37.0 *	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.9	3.09	19.5 *	50 - 150
9CL-PF3ONS	7.44	11.3	152 *	50 - 150
ADONA	7.51	12.4	165 *	50 - 150
HFPO-DA (Gen-X)	7.95	11.3	142	50 - 150
N-EtFOSA	3.98	13.3	335 *	50 - 150
N-EtFOSAA	3.98	4.96	125	50 - 150
N-EtFOSE	39.8	46.0	116	50 - 150
N-MeFOSA	3.98	6.91	174 *	50 - 150
N-MeFOSAA	3.98	4.43	111	50 - 150
N-MeFOSE	39.8	47.9	120	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.08	10.5	149	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.84	4.70	122	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.80	5.30	140	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.82	5.56	146	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.98	4.84	122	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.74	4.57	122	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.95	7.73	97.2	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.95	12.2	153 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.95	11.2	141	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.52	4.61	131	50 - 150
Perfluorodecanoic acid (PFDA)	3.98	4.72	119	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.86	3.75	97.1	50 - 150
Perfluorododecanoic acid (PFDoA)	3.98	5.11	128	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30182	Laboratory ID:	BA30182-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	3.98	5.38	135	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.64	5.81	160 *	50 - 150
Perfluorohexanoic acid (PFHxA)	3.98	5.06	127	50 - 150
Perfluoro-n-butanoic acid (PFBA)	15.9	19.9	125	50 - 150
Perfluorononanoic acid (PFNA)	3.98	3.63	91.3	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.70	4.64	126	50 - 150
Perfluorooctanoic acid (PFOA)	3.98	5.01	126	50 - 150
Perfluoropentanoic acid (PFPeA)	7.95	10.3	130	50 - 150
Perfluorotetradecanoic acid (PFTA)	3.98	5.29	133	50 - 150
Perfluorotridecanoic acid (PFTrDA)	3.98	5.52	139	50 - 150
Perfluoroundecanoic acid (PFUnA)	3.98	5.53	139	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30182	Laboratory ID:	BA30182-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.09 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #		QC LIMITS REC.
11CL-PF3OUdS	0.743	0.885	119		50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.51	2.12	140		50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.47	1.99	135		50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.49	1.86	125		50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.86	2.51	31.9	*	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.86	2.28	29.0	*	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.57	ND		*	50 - 150
9CL-PF3ONS	0.735	1.04	141		50 - 150
ADONA	0.743	1.12	151	*	50 - 150
HFPO-DA (Gen-X)	0.786	0.981	125		50 - 150
N-EtFOSA	0.393	0.440	112		50 - 150
N-EtFOSAA	0.393	0.509	129		50 - 150
N-EtFOSE	3.93	5.41	138		50 - 150
N-MeFOSA	0.393	ND		*	50 - 150
N-MeFOSAA	0.393	0.454	115		50 - 150
N-MeFOSE	3.93	5.04	128		50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.699	1.07	153	*	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.379	0.568	150		50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.375	0.586	156	*	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.377	0.541	143		50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.393	0.544	139		50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.369	0.456	123		50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.786	0.517	65.8		50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.786	1.18	150		50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.786	1.10	140		50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.348	0.433	125		50 - 150
Perfluorodecanoic acid (PFDA)	0.393	0.452	115		50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.381	0.338	88.7		50 - 150
Perfluorododecanoic acid (PFDoA)	0.393	0.511	130		50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30182	Laboratory ID:	BA30182-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.09 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.393	0.512	130	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.360	0.575	160 *	50 - 150
Perfluorohexanoic acid (PFHxA)	0.393	0.519	132	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.57	1.94	124	50 - 150
Perfluorononanoic acid (PFNA)	0.393	0.438	111	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.365	0.513	141	50 - 150
Perfluorooctanoic acid (PFOA)	0.393	0.509	129	50 - 150
Perfluoropentanoic acid (PFPeA)	0.786	0.975	124	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.393	0.444	113	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.393	0.565	144	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.393	0.508	129	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30183	Laboratory ID:	BA30183-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.09 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.43	8.40	113	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.1	17.1	113	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.7	15.9	108	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.9	18.1	121	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	78.6	36.3	46.2 *	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	78.6	29.2	37.1 *	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.7	4.15	26.4 *	50 - 150
9CL-PF3ONS	7.35	9.49	129	50 - 150
ADONA	7.43	9.93	134	50 - 150
HFPO-DA (Gen-X)	7.86	9.20	117	50 - 150
N-EtFOSA	3.93	1.89	48.0 *	50 - 150
N-EtFOSAA	3.93	4.37	111	50 - 150
N-EtFOSE	39.3	40.9	104	50 - 150
N-MeFOSA	3.93	4.44	113	50 - 150
N-MeFOSAA	3.93	4.37	111	50 - 150
N-MeFOSE	39.3	43.8	111	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.99	8.49	121	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.79	3.84	101	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.75	4.25	113	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.77	4.45	118	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.93	3.97	101	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.69	4.08	110	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.86	5.29	67.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.86	9.72	124	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.86	9.21	117	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.48	3.87	111	50 - 150
Perfluorodecanoic acid (PFDA)	3.93	4.55	116	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.81	3.35	88.0	50 - 150
Perfluorododecanoic acid (PFDoA)	3.93	4.75	121	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BA30183	Laboratory ID:	BA30183-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.01 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.754	0.847	112	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.83	120	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.50	1.81	121	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.52	1.61	106	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.98	3.66	45.8 *	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.98	2.93	36.7 *	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.60	ND	*	50 - 150
9CL-PF3ONS	0.747	1.01	135	50 - 150
ADONA	0.754	1.05	139	50 - 150
HFPO-DA (Gen-X)	0.798	0.992	124	50 - 150
N-EtFOSA	0.399	ND	*	50 - 150
N-EtFOSAA	0.399	0.446	112	50 - 150
N-EtFOSE	3.99	3.76	94.2	50 - 150
N-MeFOSA	0.399	0.470	118	50 - 150
N-MeFOSAA	0.399	0.406	102	50 - 150
N-MeFOSE	3.99	4.86	122	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.711	0.896	126	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.385	0.375	97.3	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.381	0.380	99.6	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.383	0.439	115	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.399	0.352	88.2	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.375	0.407	109	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.798	0.680	85.2	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.798	0.912	114	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.798	0.919	115	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.353	0.412	117	50 - 150
Perfluorodecanoic acid (PFDA)	0.399	0.461	116	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.387	0.283	73.1	50 - 150
Perfluorododecanoic acid (PFDoA)	0.399	0.423	106	50 - 150

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30171-BLK1	File ID:	QQQ22927.d
Prepared:	01/05/23 09:41	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/09/23 15:11	Instrument:	LCQQQ		
Batch:	BA30171	Sequence:	S3A1013	Calibration:	SL20001

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11CL-PF3OUdS	8.00	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	8.00	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	8.00	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.00	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	25.0	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	25.0	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	5.00	U
756426-58-1	9CL-PF3ONS	8.00	U
919005-14-4	ADONA	8.00	U
13252-13-6	HFPO-DA (Gen-X)	8.00	U
4151-50-2	N-EtFOSA	0.200	U
2991-50-6	N-EtFOSAA	2.00	U
1691-99-2	N-EtFOSE	4.89	J
31506-32-8	N-MeFOSA	2.00	U
2355-31-9	N-MeFOSAA	2.00	U
24448-09-7	N-MeFOSE	20.0	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.00	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	2.00	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.00	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	2.00	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	2.00	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	2.00	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	4.00	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	4.00	U
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.00	U
335-76-2	Perfluorodecanoic acid (PFDA)	2.00	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	2.00	U
307-55-1	Perfluorododecanoic acid (PFDoA)	2.00	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30171-BLK1	File ID:	QQQ22927.d
Prepared:	01/05/23 09:41	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/09/23 15:11	Instrument:	LCQQQ		
Batch:	BA30171	Sequence:	S3A1013	Calibration:	SL20001

CAS NO.	COMPOUND	CONC. (ng/L)	Q
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	2.00	U
307-24-4	Perfluorohexanoic acid (PFHxA)	2.00	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	8.00	U
375-95-1	Perfluorononanoic acid (PFNA)	2.00	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.00	U
335-67-1	Perfluorooctanoic acid (PFOA)	0.475	J
2706-90-3	Perfluoropentanoic acid (PFPeA)	4.00	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	0.840	J
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	2.00	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	2.00	U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
d3-N-MeFOSAA	100	68.9	68.9	25 - 150	
d5-N-EtFOSAA	100	60.9	60.9	25 - 150	
d7-N-MeFOSE	500	179	35.9	25 - 150	
d9-N-EtFOSE	500	123	24.7	25 - 150	*
d-N-EtFOSA	50.0	46.4	92.9	25 - 150	
d-N-MeFOSA	50.0	33.0	66.1	25 - 150	
M2-4:2 FTS	93.8	74.0	78.9	25 - 150	
M2-6:2 FTS	95.1	82.0	86.2	25 - 200	
M2-8:2 FTS	96.0	77.2	80.5	25 - 200	
M2PFTeDA	25.0	8.15	32.6	10 - 150	
M3HFPO-DA	200	192	96.0	25 - 150	
M3PFBS	46.6	51.0	110	25 - 150	
M3PFHxS	47.4	57.9	122	25 - 150	
M4PFHpA	50.0	53.4	107	25 - 150	
M5PFHxA	50.0	55.0	110	25 - 150	
M6PFDA	25.0	26.7	107	25 - 150	
M7PFUdA	25.0	22.0	87.9	25 - 150	
M9PFNA	25.0	28.3	113	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	50.0	46.2	92.4	10 - 150	

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	22L1392
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	BA30183-BLK1	File ID:	QQQ23031.d
Prepared:	01/05/23 13:18	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Analyzed:	01/11/23 18:56	Instrument:	LCQQQ		
Batch:	BA30183	Sequence:	S3A1231	Calibration:	SL20001

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
763051-92-9	11CL-PF3OUdS	0.800	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.800	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.800	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.800	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	5.00	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1.00	U
756426-58-1	9CL-PF3ONS	0.800	U
919005-14-4	ADONA	0.800	U
13252-13-6	HFPO-DA (Gen-X)	0.800	U
4151-50-2	N-EtFOSA	0.200	U
2991-50-6	N-EtFOSAA	0.200	U
1691-99-2	N-EtFOSE	2.00	U
31506-32-8	N-MeFOSA	0.217	
2355-31-9	N-MeFOSAA	0.200	U
24448-09-7	N-MeFOSE	2.00	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.400	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	0.200	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	0.200	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	0.200	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	0.200	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	0.200	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	0.400	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	0.400	U
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.200	U
335-76-2	Perfluorodecanoic acid (PFDA)	0.200	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	0.200	U
307-55-1	Perfluorododecanoic acid (PFDoA)	0.200	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.200	U

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1013
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Field Blank (22L1392-25)			Lab File ID: QQQ22931.d			Analyzed: 01/09/23 16:16			
M3PFBA	50131.63	1.087767	64089.54	1.087767	78	50 - 150	0.0000	+/-0.50	
MPFDA	20077.7	8.345616	24397.61	8.447534	82	50 - 150	-0.1019	+/-0.50	
MPFHxA	69774.52	5.778217	83414.38	5.778217	84	50 - 150	0.0000	+/-0.50	
MPFHxS	4629.688	6.654567	5467.455	6.710484	85	50 - 150	-0.0559	+/-0.50	
MPFNA	22425.89	7.82635	26991.06	7.909867	83	50 - 150	-0.0835	+/-0.50	
MPFOA	57456.68	7.222133	73555.73	7.296717	78	50 - 150	-0.0746	+/-0.50	
MPFOS	10735.93	7.862333	12432.56	7.945867	86	50 - 150	-0.0835	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6889.313	7.825967	8110.27	7.909483	85	25 - 150	-0.0835	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	52091.88	7.221633	62598.03	7.296283	83	25 - 150	-0.0747	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	136214.5	4.14555	183864.3	4.099583	74	25 - 150	0.0460	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	13869.41	1.085467	238063.3	1.085467	6	25 - 150	0.0000	+/-0.50	*
Perfluoro-n-[1,2-13C2]dodecanoic ac	33133.95	9.187183	55169.5	9.261316	60	25 - 150	-0.0741	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	5431.69	7.86195	6124.773	7.945317	89	25 - 150	-0.0834	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	19662.25	8.97055	21365.12	9.04465	92	25 - 150	-0.0741	+/-0.50	
M7PFUdA-EIS	41688.34	8.788417	53123.13	8.882067	78	25 - 150	-0.0936	+/-0.50	
M6PFDA-EIS	25315.74	8.345183	32046.19	8.43785	79	25 - 150	-0.0927	+/-0.50	
M5PFHxA-EIS	95135.83	5.786433	112127	5.777184	85	25 - 150	0.0092	+/-0.50	
M4PFHpA-EIS	21989.41	6.554317	26485.93	6.60095	83	25 - 150	-0.0466	+/-0.50	
M3PFHxS-EIS	14272.95	6.65505	16074.52	6.701783	89	25 - 150	-0.0467	+/-0.50	
M3PFBS-EIS	21201.88	4.947033	24545.78	4.918684	86	25 - 150	0.0283	+/-0.50	
M3-HFPO-DA-EIS	55996.39	6.039933	73496.59	6.049167	76	25 - 150	-0.0092	+/-0.50	
M2PFTeDA-EIS	9149.379	9.879033	29434.57	9.906716	31	25 - 150	-0.0277	+/-0.50	
M2-8-2FTS-EIS	35314.57	8.325817	40987.11	8.418467	86	25 - 150	-0.0926	+/-0.50	
M2-6-2FTS-EIS	25477.47	7.18365	28872.59	7.248417	88	25 - 150	-0.0648	+/-0.50	
M2-4-2FTS-EIS	31769.55	5.720667	51537.29	5.7114	62	25 - 150	0.0093	+/-0.50	
d9-NEtFOSE-EIS	2696.061	10.11238	12266.72	10.11238	22	25 - 150	0.0000	+/-0.50	*
d7-NMeFOSE-EIS	4854.361	9.845467	15316.26	9.863916	32	25 - 150	-0.0184	+/-0.50	
d5-NEtFOSA-EIS	1494.948	10.12513	2794.597	10.12512	53	25 - 150	0.0000	+/-0.50	
d5-N-EtFOSAA-EIS	27392.46	8.759216	39180.82	8.853283	70	25 - 150	-0.0941	+/-0.50	
d3-NMeFOSA-EIS	2204.008	9.839916	3178.376	9.8676	69	25 - 150	-0.0277	+/-0.50	
d3-N-MeFOSAA-EIS	33179.76	8.5376	45330.16	8.63955	73	25 - 150	-0.1020	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-1A (22L1392-01)			Lab File ID: QQQ22991.d			Analyzed: 01/10/23 19:25			
M3PFBA	55838.41	1.05105	71105.92	1.078583	79	50 - 150	-0.0275	+/-0.50	
MPFDA	20839	8.4568	24737.11	8.466066	84	50 - 150	-0.0093	+/-0.50	
MPFHxA	73664.83	5.7967	87455.7	5.78745	84	50 - 150	0.0093	+/-0.50	
MPFHxS	4900.313	6.719717	5244.656	6.728967	93	50 - 150	-0.0092	+/-0.50	
MPFNA	23510.53	7.919167	30675.64	7.928433	77	50 - 150	-0.0093	+/-0.50	
MPFOA	62695.15	7.305967	80066.6	7.315233	78	50 - 150	-0.0093	+/-0.50	
MPFOS	10991.14	7.964433	13790.42	7.964433	80	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6072.824	7.918766	8939.809	7.92805	68	25 - 150	-0.0093	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	43360.45	7.305533	63570.23	7.3148	68	25 - 150	-0.0093	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	135293.1	4.0812	192469.6	4.072017	70	25 - 150	0.0092	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	175104.6	1.04875	254130.4	1.076283	69	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	33753.19	9.298367	52864.05	9.298384	64	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4971.306	7.963883	6860.392	7.963883	72	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1021.556	9.081883	24549.55	9.09115	4	25 - 150	-0.0093	+/-0.50	*
M7PFUdA-EIS	41588.17	8.9099	54862.56	8.919184	76	25 - 150	-0.0093	+/-0.50	
M6PFDA-EIS	23147.06	8.456367	33361.06	8.465633	69	25 - 150	-0.0093	+/-0.50	
M5PFHxA-EIS	86140.13	5.795683	118008.5	5.786433	73	25 - 150	0.0093	+/-0.50	
M4PFHpA-EIS	20907.8	6.610217	26687.34	6.619467	78	25 - 150	-0.0093	+/-0.50	
M3PFHxS-EIS	13177.66	6.720267	15834.9	6.729517	83	25 - 150	-0.0093	+/-0.50	
M3PFBS-EIS	18862.22	4.9378	24950.08	4.918684	76	25 - 150	0.0191	+/-0.50	
M3-HFPO-DA-EIS	49873	6.06765	71604.3	6.06765	70	25 - 150	0.0000	+/-0.50	
M2PFTeDA-EIS	19155.08	9.96215	30673.37	9.943717	62	25 - 150	0.0184	+/-0.50	
M2-8-2FTS-EIS	32660.72	8.437	48105.05	8.437	68	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	22472.41	7.25765	31351.92	7.2669	72	25 - 150	-0.0092	+/-0.50	
M2-4-2FTS-EIS	35897.89	5.7299	54348.49	5.7299	66	25 - 150	0.0000	+/-0.50	
d9-NEtFOSE-EIS	500.364	10.18662	12926.82	10.159	4	25 - 150	0.0276	+/-0.50	*
d7-NMeFOSE-EIS	691.9035	9.938283	15873.8	9.919283	4	25 - 150	0.0190	+/-0.50	*
d5-NEtFOSA-EIS	392.0005	10.1984	2360.387	10.17077	17	25 - 150	0.0276	+/-0.50	*
d5-N-EtFOSAA-EIS	27405.28	8.871834	41701.79	8.8904	66	25 - 150	-0.0186	+/-0.50	
d3-NMeFOSA-EIS	141.8149	9.94245	3292.044	9.922967	4	25 - 150	0.0195	+/-0.50	*
d3-N-MeFOSAA-EIS	32523.32	8.658067	44725.97	8.667334	73	25 - 150	-0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-1B (22L1392-02)			Lab File ID: QQQ22992.d			Analyzed: 01/10/23 19:41			
M3PFBA	55279.67	1.05105	71105.92	1.078583	78	50 - 150	-0.0275	+/-0.50	
MPFDA	19266.24	8.466066	24737.11	8.466066	78	50 - 150	0.0000	+/-0.50	
MPFHxA	70418.66	5.8152	87455.7	5.78745	81	50 - 150	0.0278	+/-0.50	
MPFHxS	4801.969	6.73895	5244.656	6.728967	92	50 - 150	0.0100	+/-0.50	
MPFNA	20592.11	7.928433	30675.64	7.928433	67	50 - 150	0.0000	+/-0.50	
MPFOA	56544.05	7.315233	80066.6	7.315233	71	50 - 150	0.0000	+/-0.50	
MPFOS	10818.19	7.964433	13790.42	7.964433	78	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6054.325	7.92805	8939.809	7.92805	68	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	46877.71	7.3148	63570.23	7.3148	74	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	140662.2	4.0812	192469.6	4.072017	73	25 - 150	0.0092	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	185867.2	1.04875	254130.4	1.076283	73	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	34757.57	9.298367	52864.05	9.298384	66	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4266.885	7.973166	6860.392	7.963883	62	25 - 150	0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	2311.853	9.09115	24549.55	9.09115	9	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	38511.77	8.919184	54862.56	8.919184	70	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	23606.03	8.465633	33361.06	8.465633	71	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	85636.2	5.814183	118008.5	5.786433	73	25 - 150	0.0278	+/-0.50	
M4PFHpA-EIS	19675.02	6.628716	26687.34	6.619467	74	25 - 150	0.0092	+/-0.50	
M3PFHxS-EIS	12094.87	6.7396	15834.9	6.729517	76	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	18066.96	4.9378	24950.08	4.918684	72	25 - 150	0.0191	+/-0.50	
M3-HFPO-DA-EIS	55843.98	6.086117	71604.3	6.06765	78	25 - 150	0.0185	+/-0.50	
M2PFTeDA-EIS	17586.67	9.9437	30673.37	9.943717	57	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	29256.75	8.446267	48105.05	8.437	61	25 - 150	0.0093	+/-0.50	
M2-6-2FTS-EIS	21963.05	7.276166	31351.92	7.2669	70	25 - 150	0.0093	+/-0.50	
M2-4-2FTS-EIS	35470.93	5.7484	54348.49	5.7299	65	25 - 150	0.0185	+/-0.50	
d9-NEtFOSE-EIS	1293.997	10.159	12926.82	10.159	10	25 - 150	0.0000	+/-0.50	*
d7-NMeFOSE-EIS	1638.751	9.919283	15873.8	9.919283	10	25 - 150	0.0000	+/-0.50	*
d5-NEtFOSA-EIS	159.4263	10.17077	2360.387	10.17077	7	25 - 150	0.0000	+/-0.50	*
d5-N-EtFOSAA-EIS	28074.12	8.8904	41701.79	8.8904	67	25 - 150	0.0000	+/-0.50	
d3-NMeFOSA-EIS	255.4241	9.92295	3292.044	9.922967	8	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	29608.99	8.667334	44725.97	8.667334	66	25 - 150	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Sequence: S3A1032 Instrument: LCQQQ

Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-1C (22L1392-03)			Lab File ID: QQQ22993.d			Analyzed: 01/10/23 19:57			
M3PFBA	55049.46	1.0694	71105.92	1.078583	77	50 - 150	-0.0092	+/-0.50	
MPFDA	19377.22	8.475333	24737.11	8.466066	78	50 - 150	0.0093	+/-0.50	
MPFHxA	69137.96	5.8152	87455.7	5.78745	79	50 - 150	0.0278	+/-0.50	
MPFHxS	4733.036	6.757417	5244.656	6.728967	90	50 - 150	0.0285	+/-0.50	
MPFNA	22659.1	7.947317	30675.64	7.928433	74	50 - 150	0.0189	+/-0.50	
MPFOA	57556.04	7.3342	80066.6	7.315233	72	50 - 150	0.0190	+/-0.50	
MPFOS	10785.63	7.983	13790.42	7.964433	78	50 - 150	0.0186	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5396.44	7.946967	8939.809	7.92805	60	25 - 150	0.0189	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	42242.47	7.333817	63570.23	7.3148	66	25 - 150	0.0190	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	137811.9	4.099583	192469.6	4.072017	72	25 - 150	0.0276	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	183907.8	1.067117	254130.4	1.076283	72	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	30428.71	9.298384	52864.05	9.298384	58	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4662.453	7.982467	6860.392	7.963883	68	25 - 150	0.0186	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1695.589	9.100583	24549.55	9.09115	7	25 - 150	0.0094	+/-0.50	*
M7PFUdA-EIS	35760.8	8.9192	54862.56	8.919184	65	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	22222.11	8.474916	33361.06	8.465633	67	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	82522.43	5.814183	118008.5	5.786433	70	25 - 150	0.0278	+/-0.50	
M4PFHpA-EIS	19536.89	6.64725	26687.34	6.619467	73	25 - 150	0.0278	+/-0.50	
M3PFHxS-EIS	11672.37	6.758067	15834.9	6.729517	74	25 - 150	0.0285	+/-0.50	
M3PFBS-EIS	16836.71	4.947017	24950.08	4.918684	67	25 - 150	0.0283	+/-0.50	
M3-HFPO-DA-EIS	54788.65	6.09535	71604.3	6.06765	77	25 - 150	0.0277	+/-0.50	
M2PFTeDA-EIS	15436.43	9.96215	30673.37	9.943717	50	25 - 150	0.0184	+/-0.50	
M2-8-2FTS-EIS	32032.3	8.455533	48105.05	8.437	67	25 - 150	0.0185	+/-0.50	
M2-6-2FTS-EIS	19747.35	7.295434	31351.92	7.2669	63	25 - 150	0.0285	+/-0.50	
M2-4-2FTS-EIS	32510.13	5.7484	54348.49	5.7299	60	25 - 150	0.0185	+/-0.50	
d9-NEtFOSE-EIS	1267.593	10.19585	12926.82	10.159	10	25 - 150	0.0368	+/-0.50	*
d7-NMeFOSE-EIS	1405.25	9.9383	15873.8	9.919283	9	25 - 150	0.0190	+/-0.50	*
d5-NEtFOSA-EIS	115.8986	10.12512	2360.387	10.17077	5	25 - 150	-0.0456	+/-0.50	*
d5-N-EtFOSAA-EIS	24337.18	8.890417	41701.79	8.8904	58	25 - 150	0.0000	+/-0.50	
d3-NMeFOSA-EIS	273.2178	9.942467	3292.044	9.922967	8	25 - 150	0.0195	+/-0.50	*
d3-N-MeFOSAA-EIS	26276.47	8.66735	44725.97	8.667334	59	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-2A (22L1392-04)			Lab File ID: QQQ22994.d			Analyzed: 01/10/23 20:13			
M3PFBA	54879.23	1.041867	71105.92	1.078583	77	50 - 150	-0.0367	+/-0.50	
MPFDA	17891.52	8.466066	24737.11	8.466066	72	50 - 150	0.0000	+/-0.50	
MPFHxA	71027.32	5.805967	87455.7	5.78745	81	50 - 150	0.0185	+/-0.50	
MPFHxS	4813.56	6.728983	5244.656	6.728967	92	50 - 150	0.0000	+/-0.50	
MPFNA	19847.7	7.92845	30675.64	7.928433	65	50 - 150	0.0000	+/-0.50	
MPFOA	56379.24	7.31525	80066.6	7.315233	70	50 - 150	0.0000	+/-0.50	
MPFOS	10639.5	7.973717	13790.42	7.964433	77	50 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6339.673	7.937333	8939.809	7.92805	71	25 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	48966.06	7.314816	63570.23	7.3148	77	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	147384.1	4.053633	192469.6	4.072017	77	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	197039.4	1.039567	254130.4	1.076283	78	25 - 150	-0.0367	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	30108.66	9.298384	52864.05	9.298384	57	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4715.759	7.973166	6860.392	7.963883	69	25 - 150	0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	2012.426	9.091166	24549.55	9.09115	8	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	36458.12	8.919184	54862.56	8.919184	66	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	24228.33	8.465633	33361.06	8.465633	73	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	93871.16	5.804934	118008.5	5.786433	80	25 - 150	0.0185	+/-0.50	
M4PFHpA-EIS	20634.42	6.628733	26687.34	6.619467	77	25 - 150	0.0093	+/-0.50	
M3PFHxS-EIS	12660.16	6.729517	15834.9	6.729517	80	25 - 150	0.0000	+/-0.50	
M3PFBS-EIS	18379.75	4.9378	24950.08	4.918684	74	25 - 150	0.0191	+/-0.50	
M3-HFPO-DA-EIS	55425.63	6.076883	71604.3	6.06765	77	25 - 150	0.0092	+/-0.50	
M2PFTeDA-EIS	17687.64	9.943733	30673.37	9.943717	58	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	28142.22	8.446267	48105.05	8.437	59	25 - 150	0.0093	+/-0.50	
M2-6-2FTS-EIS	21569.59	7.276166	31351.92	7.2669	69	25 - 150	0.0093	+/-0.50	
M2-4-2FTS-EIS	39789.24	5.739167	54348.49	5.7299	73	25 - 150	0.0093	+/-0.50	
d9-NEtFOSE-EIS	1372.886	10.15902	12926.82	10.159	11	25 - 150	0.0000	+/-0.50	*
d7-NMeFOSE-EIS	1598.259	9.9193	15873.8	9.919283	10	25 - 150	0.0000	+/-0.50	*
d5-NEtFOSA-EIS	410.1393	10.18	2360.387	10.17077	17	25 - 150	0.0092	+/-0.50	*
d5-N-EtFOSAA-EIS	27894.96	8.8904	41701.79	8.8904	67	25 - 150	0.0000	+/-0.50	
d3-NMeFOSA-EIS	334.0438	9.91375	3292.044	9.922967	10	25 - 150	-0.0092	+/-0.50	*
d3-N-MeFOSAA-EIS	32347.55	8.66735	44725.97	8.667334	72	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-2B (22L1392-05)			Lab File ID: QQQ22995.d			Analyzed: 01/10/23 20:29			
M3PFBA	55748.21	1.060233	71105.92	1.078583	78	50 - 150	-0.0184	+/-0.50	
MPFDA	21048.1	8.466066	24737.11	8.466066	85	50 - 150	0.0000	+/-0.50	
MPFHxA	69954.22	5.805967	87455.7	5.78745	80	50 - 150	0.0185	+/-0.50	
MPFHxS	4846.988	6.73895	5244.656	6.728967	92	50 - 150	0.0100	+/-0.50	
MPFNA	21091.49	7.937733	30675.64	7.928433	69	50 - 150	0.0093	+/-0.50	
MPFOA	59576.27	7.324934	80066.6	7.315233	74	50 - 150	0.0097	+/-0.50	
MPFOS	11037.54	7.973717	13790.42	7.964433	80	50 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5542.988	7.937333	8939.809	7.92805	62	25 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	41577.63	7.324533	63570.23	7.3148	65	25 - 150	0.0097	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	130625	4.0904	192469.6	4.072017	68	25 - 150	0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	176746.7	1.067117	254130.4	1.076283	70	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	30569.39	9.307983	52864.05	9.298384	58	25 - 150	0.0096	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4579.279	7.98245	6860.392	7.963883	67	25 - 150	0.0186	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1323.811	9.091166	24549.55	9.09115	5	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	34914.21	8.9099	54862.56	8.919184	64	25 - 150	-0.0093	+/-0.50	
M6PFDA-EIS	21600.56	8.46565	33361.06	8.465633	65	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	79648.66	5.7957	118008.5	5.786433	67	25 - 150	0.0093	+/-0.50	
M4PFHpA-EIS	18461.86	6.628733	26687.34	6.619467	69	25 - 150	0.0093	+/-0.50	
M3PFHxS-EIS	11102.94	6.739617	15834.9	6.729517	70	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	15956.06	4.937817	24950.08	4.918684	64	25 - 150	0.0191	+/-0.50	
M3-HFPO-DA-EIS	53509.5	6.06765	71604.3	6.06765	75	25 - 150	0.0000	+/-0.50	
M2PFTeDA-EIS	15843.89	9.971367	30673.37	9.943717	52	25 - 150	0.0277	+/-0.50	
M2-8-2FTS-EIS	26880.64	8.446267	48105.05	8.437	56	25 - 150	0.0093	+/-0.50	
M2-6-2FTS-EIS	18398.1	7.276166	31351.92	7.2669	59	25 - 150	0.0093	+/-0.50	
M2-4-2FTS-EIS	30300.02	5.739167	54348.49	5.7299	56	25 - 150	0.0093	+/-0.50	
d9-NEtFOSE-EIS	1010.911	10.20505	12926.82	10.159	8	25 - 150	0.0460	+/-0.50	*
d7-NMeFOSE-EIS	1301.476	9.956717	15873.8	9.919283	8	25 - 150	0.0374	+/-0.50	*
d5-NEtFOSA-EIS	334.0512	10.21682	2360.387	10.17077	14	25 - 150	0.0461	+/-0.50	*
d5-N-EtFOSAA-EIS	25091.34	8.881133	41701.79	8.8904	60	25 - 150	-0.0093	+/-0.50	
d3-NMeFOSA-EIS	183.7817	9.951667	3292.044	9.922967	6	25 - 150	0.0287	+/-0.50	*
d3-N-MeFOSAA-EIS	28341.62	8.66735	44725.97	8.667334	63	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-2C (22L1392-06)			Lab File ID: QQQ22996.d			Analyzed: 01/10/23 20:45			
M3PFBA	54851.32	1.05105	71105.92	1.078583	77	50 - 150	-0.0275	+/-0.50	
MPFDA	19859.35	8.475317	24737.11	8.466066	80	50 - 150	0.0093	+/-0.50	
MPFHxA	71144.74	5.7967	87455.7	5.78745	81	50 - 150	0.0093	+/-0.50	
MPFHxS	4729.489	6.7574	5244.656	6.728967	90	50 - 150	0.0284	+/-0.50	
MPFNA	21370.22	7.9473	30675.64	7.928433	70	50 - 150	0.0189	+/-0.50	
MPFOA	59011.56	7.343467	80066.6	7.315233	74	50 - 150	0.0282	+/-0.50	
MPFOS	10854.36	7.992483	13790.42	7.964433	79	50 - 150	0.0281	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5437.022	7.94695	8939.809	7.92805	61	25 - 150	0.0189	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	36188.27	7.343067	63570.23	7.3148	57	25 - 150	0.0283	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	128569.3	4.072017	192469.6	4.072017	67	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	176743.2	1.04875	254130.4	1.076283	70	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	29946.05	9.298384	52864.05	9.298384	57	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4010.965	7.99195	6860.392	7.963883	58	25 - 150	0.0281	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	2854.189	9.091166	24549.55	9.09115	12	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	34014.83	8.9099	54862.56	8.919184	62	25 - 150	-0.0093	+/-0.50	
M6PFDA-EIS	19923.59	8.4749	33361.06	8.465633	60	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	77084.61	5.795683	118008.5	5.786433	65	25 - 150	0.0093	+/-0.50	
M4PFHpA-EIS	17405.43	6.64725	26687.34	6.619467	65	25 - 150	0.0278	+/-0.50	
M3PFHxS-EIS	10475.57	6.758067	15834.9	6.729517	66	25 - 150	0.0285	+/-0.50	
M3PFBS-EIS	14853.15	4.928583	24950.08	4.918684	60	25 - 150	0.0099	+/-0.50	
M3-HFPO-DA-EIS	49560.85	6.076883	71604.3	6.06765	69	25 - 150	0.0092	+/-0.50	
M2PFTeDA-EIS	15249.6	9.943717	30673.37	9.943717	50	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	27432.13	8.455517	48105.05	8.437	57	25 - 150	0.0185	+/-0.50	
M2-6-2FTS-EIS	17474.18	7.295417	31351.92	7.2669	56	25 - 150	0.0285	+/-0.50	
M2-4-2FTS-EIS	28487.38	5.7299	54348.49	5.7299	52	25 - 150	0.0000	+/-0.50	
d9-NEtFOSE-EIS	1648.568	10.17742	12926.82	10.159	13	25 - 150	0.0184	+/-0.50	*
d7-NMeFOSE-EIS	2042.034	9.928516	15873.8	9.919283	13	25 - 150	0.0092	+/-0.50	*
d5-NEtFOSA-EIS	446.6322	10.1892	2360.387	10.17077	19	25 - 150	0.0184	+/-0.50	*
d5-N-EtFOSAA-EIS	22492.85	8.881117	41701.79	8.8904	54	25 - 150	-0.0093	+/-0.50	
d3-NMeFOSA-EIS	383.0669	9.922967	3292.044	9.922967	12	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	25146.99	8.667334	44725.97	8.667334	56	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-3A (22L1392-07)			Lab File ID: QQQ22997.d			Analyzed: 01/10/23 21:01			
M3PFBA	55008.85	1.041867	71105.92	1.078583	77	50 - 150	-0.0367	+/-0.50	
MPFDA	19873.09	8.466066	24737.11	8.466066	80	50 - 150	0.0000	+/-0.50	
MPFHxA	70624.59	5.796717	87455.7	5.78745	81	50 - 150	0.0093	+/-0.50	
MPFHxS	4478.646	6.73895	5244.656	6.728967	85	50 - 150	0.0100	+/-0.50	
MPFNA	22698.48	7.92845	30675.64	7.928433	74	50 - 150	0.0000	+/-0.50	
MPFOA	59722.12	7.31525	80066.6	7.315233	75	50 - 150	0.0000	+/-0.50	
MPFOS	10322.2	7.973717	13790.42	7.964433	75	50 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6207.303	7.92805	8939.809	7.92805	69	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	51698.25	7.314816	63570.23	7.3148	81	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	150878	4.072017	192469.6	4.072017	78	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	198879.5	1.04875	254130.4	1.076283	78	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	37060.83	9.298384	52864.05	9.298384	70	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	5339.345	7.973166	6860.392	7.963883	78	25 - 150	0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	773.7686	9.0819	24549.55	9.09115	3	25 - 150	-0.0093	+/-0.50	*
M7PFUdA-EIS	42790.64	8.909917	54862.56	8.919184	78	25 - 150	-0.0093	+/-0.50	
M6PFDA-EIS	26248.29	8.46565	33361.06	8.465633	79	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	95129.35	5.795683	118008.5	5.786433	81	25 - 150	0.0093	+/-0.50	
M4PFHpA-EIS	22710.18	6.628733	26687.34	6.619467	85	25 - 150	0.0093	+/-0.50	
M3PFHxS-EIS	13424.95	6.729517	15834.9	6.729517	85	25 - 150	0.0000	+/-0.50	
M3PFBS-EIS	18897.04	4.928583	24950.08	4.918684	76	25 - 150	0.0099	+/-0.50	
M3-HFPO-DA-EIS	56912.39	6.076883	71604.3	6.06765	79	25 - 150	0.0092	+/-0.50	
M2PFTeDA-EIS	19880.36	9.952933	30673.37	9.943717	65	25 - 150	0.0092	+/-0.50	
M2-8-2FTS-EIS	35063.52	8.437	48105.05	8.437	73	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	23617.68	7.276166	31351.92	7.2669	75	25 - 150	0.0093	+/-0.50	
M2-4-2FTS-EIS	37620.17	5.739167	54348.49	5.7299	69	25 - 150	0.0093	+/-0.50	
d9-NEtFOSE-EIS	742.3472	10.17742	12926.82	10.159	6	25 - 150	0.0184	+/-0.50	*
d7-NMeFOSE-EIS	927.0903	9.938283	15873.8	9.919283	6	25 - 150	0.0190	+/-0.50	*
d5-NEtFOSA-EIS	455.0609	10.1984	2360.387	10.17077	19	25 - 150	0.0276	+/-0.50	*
d5-N-EtFOSAA-EIS	31007.14	8.881133	41701.79	8.8904	74	25 - 150	-0.0093	+/-0.50	
d3-NMeFOSA-EIS	153.9076	9.922967	3292.044	9.922967	5	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	34807.84	8.658083	44725.97	8.667334	78	25 - 150	-0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-3B (22L1392-08)			Lab File ID: QQQ22998.d			Analyzed: 01/10/23 21:18			
M3PFBA	56869.15	1.032683	71105.92	1.078583	80	50 - 150	-0.0459	+/-0.50	
MPFDA	19777.9	8.4568	24737.11	8.466066	80	50 - 150	-0.0093	+/-0.50	
MPFHxA	70993.77	5.78745	87455.7	5.78745	81	50 - 150	0.0000	+/-0.50	
MPFHxS	4409.083	6.719733	5244.656	6.728967	84	50 - 150	-0.0092	+/-0.50	
MPFNA	20275.01	7.919167	30675.64	7.928433	66	50 - 150	-0.0093	+/-0.50	
MPFOA	59434.78	7.305984	80066.6	7.315233	74	50 - 150	-0.0092	+/-0.50	
MPFOS	10831.18	7.964433	13790.42	7.964433	79	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5737.089	7.918783	8939.809	7.92805	64	25 - 150	-0.0093	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	43307.75	7.30555	63570.23	7.3148	68	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	137490.3	4.053633	192469.6	4.072017	71	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	183160.5	1.039567	254130.4	1.076283	72	25 - 150	-0.0367	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	33153.55	9.289117	52864.05	9.298384	63	25 - 150	-0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4593.137	7.963883	6860.392	7.963883	67	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1769.566	9.0819	24549.55	9.09115	7	25 - 150	-0.0093	+/-0.50	*
M7PFUdA-EIS	35551.52	8.900617	54862.56	8.919184	65	25 - 150	-0.0186	+/-0.50	
M6PFDA-EIS	23437.36	8.456384	33361.06	8.465633	70	25 - 150	-0.0092	+/-0.50	
M5PFHxA-EIS	85168.97	5.786433	118008.5	5.786433	72	25 - 150	0.0000	+/-0.50	
M4PFHpA-EIS	20553.23	6.610217	26687.34	6.619467	77	25 - 150	-0.0093	+/-0.50	
M3PFHxS-EIS	11000.04	6.711017	15834.9	6.729517	69	25 - 150	-0.0185	+/-0.50	
M3PFBS-EIS	15376.09	4.918684	24950.08	4.918684	62	25 - 150	0.0000	+/-0.50	
M3-HFPO-DA-EIS	55593.34	6.058417	71604.3	6.06765	78	25 - 150	-0.0092	+/-0.50	
M2PFTeDA-EIS	15747.69	9.96215	30673.37	9.943717	51	25 - 150	0.0184	+/-0.50	
M2-8-2FTS-EIS	27097.64	8.437	48105.05	8.437	56	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	20152.12	7.257667	31351.92	7.2669	64	25 - 150	-0.0092	+/-0.50	
M2-4-2FTS-EIS	28911.99	5.7299	54348.49	5.7299	53	25 - 150	0.0000	+/-0.50	
d9-NEtFOSE-EIS	1171.068	10.18662	12926.82	10.159	9	25 - 150	0.0276	+/-0.50	*
d7-NMeFOSE-EIS	1424.791	9.9475	15873.8	9.919283	9	25 - 150	0.0282	+/-0.50	*
d5-NEtFOSA-EIS	206.5705	10.0698	2360.387	10.17077	9	25 - 150	-0.1010	+/-0.50	*
d5-N-EtFOSAA-EIS	26146.01	8.87185	41701.79	8.8904	63	25 - 150	-0.0185	+/-0.50	
d3-NMeFOSA-EIS	249.8129	9.94245	3292.044	9.922967	8	25 - 150	0.0195	+/-0.50	*
d3-N-MeFOSAA-EIS	28337.03	8.658083	44725.97	8.667334	63	25 - 150	-0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-3C (22L1392-09)			Lab File ID: QQQ22999.d			Analyzed: 01/10/23 21:34			
M3PFBA	55624.21	1.05105	71105.92	1.078583	78	50 - 150	-0.0275	+/-0.50	
MPFDA	20681.96	8.475333	24737.11	8.466066	84	50 - 150	0.0093	+/-0.50	
MPFHxA	72756.23	5.805967	87455.7	5.78745	83	50 - 150	0.0185	+/-0.50	
MPFHxS	4871.396	6.73895	5244.656	6.728967	93	50 - 150	0.0100	+/-0.50	
MPFNA	21604.3	7.947317	30675.64	7.928433	70	50 - 150	0.0189	+/-0.50	
MPFOA	58393.26	7.343467	80066.6	7.315233	73	50 - 150	0.0282	+/-0.50	
MPFOS	10512.57	7.9925	13790.42	7.964433	76	50 - 150	0.0281	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5797.378	7.94695	8939.809	7.92805	65	25 - 150	0.0189	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	41550.42	7.343083	63570.23	7.3148	65	25 - 150	0.0283	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	129489	4.0904	192469.6	4.072017	67	25 - 150	0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	173667.5	1.04875	254130.4	1.076283	68	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	31338.85	9.27985	52864.05	9.298384	59	25 - 150	-0.0185	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4437.671	7.991967	6860.392	7.963883	65	25 - 150	0.0281	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1736.306	9.0819	24549.55	9.09115	7	25 - 150	-0.0093	+/-0.50	*
M7PFUdA-EIS	35086.21	8.9099	54862.56	8.919184	64	25 - 150	-0.0093	+/-0.50	
M6PFDA-EIS	23158.36	8.4749	33361.06	8.465633	69	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	81161.39	5.804934	118008.5	5.786433	69	25 - 150	0.0185	+/-0.50	
M4PFHpA-EIS	19251.85	6.628733	26687.34	6.619467	72	25 - 150	0.0093	+/-0.50	
M3PFHxS-EIS	10926.57	6.7396	15834.9	6.729517	69	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	15751.6	4.937817	24950.08	4.918684	63	25 - 150	0.0191	+/-0.50	
M3-HFPO-DA-EIS	50781.54	6.076883	71604.3	6.06765	71	25 - 150	0.0092	+/-0.50	
M2PFTeDA-EIS	16482.72	9.91595	30673.37	9.943717	54	25 - 150	-0.0278	+/-0.50	
M2-8-2FTS-EIS	25412.56	8.446267	48105.05	8.437	53	25 - 150	0.0093	+/-0.50	
M2-6-2FTS-EIS	17831.55	7.295434	31351.92	7.2669	57	25 - 150	0.0285	+/-0.50	
M2-4-2FTS-EIS	28738.73	5.739167	54348.49	5.7299	53	25 - 150	0.0093	+/-0.50	
d9-NEtFOSE-EIS	1045.595	10.14003	12926.82	10.159	8	25 - 150	-0.0190	+/-0.50	*
d7-NMeFOSE-EIS	1395.074	9.900833	15873.8	9.919283	9	25 - 150	-0.0184	+/-0.50	*
d5-NEtFOSA-EIS	237.564	10.16157	2360.387	10.17077	10	25 - 150	-0.0092	+/-0.50	*
d5-N-EtFOSAA-EIS	23349.62	8.881133	41701.79	8.8904	56	25 - 150	-0.0093	+/-0.50	
d3-NMeFOSA-EIS	213.0576	9.9045	3292.044	9.922967	6	25 - 150	-0.0185	+/-0.50	*
d3-N-MeFOSAA-EIS	26340.47	8.66735	44725.97	8.667334	59	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-4A (22L1392-10)			Lab File ID: QQQ23000.d			Analyzed: 01/10/23 21:50			
M3PFBA	56364.04	1.05105	71105.92	1.078583	79	50 - 150	-0.0275	+/-0.50	
MPFDA	19594.31	8.466066	24737.11	8.466066	79	50 - 150	0.0000	+/-0.50	
MPFHxA	71943.7	5.82445	87455.7	5.78745	82	50 - 150	0.0370	+/-0.50	
MPFHxS	5148.635	6.748183	5244.656	6.728967	98	50 - 150	0.0192	+/-0.50	
MPFNA	23592.24	7.937716	30675.64	7.928433	77	50 - 150	0.0093	+/-0.50	
MPFOA	59991.89	7.3342	80066.6	7.315233	75	50 - 150	0.0190	+/-0.50	
MPFOS	11130.17	7.983	13790.42	7.964433	81	50 - 150	0.0186	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6652.26	7.94695	8939.809	7.92805	74	25 - 150	0.0189	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	49874.48	7.3338	63570.23	7.3148	78	25 - 150	0.0190	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	149936.1	4.072017	192469.6	4.072017	78	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	195967.9	1.04875	254130.4	1.076283	77	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	37486.31	9.289133	52864.05	9.298384	71	25 - 150	-0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	5791.26	7.98245	6860.392	7.963883	84	25 - 150	0.0186	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	670.9666	9.0819	24549.55	9.09115	3	25 - 150	-0.0093	+/-0.50	*
M7PFUdA-EIS	43827.91	8.909917	54862.56	8.919184	80	25 - 150	-0.0093	+/-0.50	
M6PFDA-EIS	27522.23	8.465633	33361.06	8.465633	82	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	94844.73	5.823433	118008.5	5.786433	80	25 - 150	0.0370	+/-0.50	
M4PFHpA-EIS	21813.04	6.637983	26687.34	6.619467	82	25 - 150	0.0185	+/-0.50	
M3PFHxS-EIS	13055.25	6.748833	15834.9	6.729517	82	25 - 150	0.0193	+/-0.50	
M3PFBS-EIS	18413.38	4.947033	24950.08	4.918684	74	25 - 150	0.0283	+/-0.50	
M3-HFPO-DA-EIS	60281.65	6.09535	71604.3	6.06765	84	25 - 150	0.0277	+/-0.50	
M2PFTeDA-EIS	18559.99	9.94375	30673.37	9.943717	61	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	36339.11	8.446267	48105.05	8.437	76	25 - 150	0.0093	+/-0.50	
M2-6-2FTS-EIS	22707.16	7.285417	31351.92	7.2669	72	25 - 150	0.0185	+/-0.50	
M2-4-2FTS-EIS	35284.95	5.75765	54348.49	5.7299	65	25 - 150	0.0278	+/-0.50	
d9-NEtFOSE-EIS	484.9997	10.16823	12926.82	10.159	4	25 - 150	0.0092	+/-0.50	*
d7-NMeFOSE-EIS	547.0885	9.92855	15873.8	9.919283	3	25 - 150	0.0093	+/-0.50	*
d5-NEtFOSA-EIS	333.3924	10.18002	2360.387	10.17077	14	25 - 150	0.0093	+/-0.50	*
d5-N-EtFOSAA-EIS	27976.55	8.881133	41701.79	8.8904	67	25 - 150	-0.0093	+/-0.50	
d3-NMeFOSA-EIS	117.531	9.923	3292.044	9.922967	4	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	34692	8.66735	44725.97	8.667334	78	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-4B (22L1392-11)			Lab File ID: QQQ23003.d			Analyzed: 01/10/23 22:38			
M3PFBA	55113.84	1.041867	70823.31	1.078583	78	50 - 150	-0.0367	+/-0.50	
MPFDA	19778.53	8.456817	24881.76	8.466066	79	50 - 150	-0.0092	+/-0.50	
MPFHxA	70598.09	5.796717	86456.48	5.7967	82	50 - 150	0.0000	+/-0.50	
MPFHxS	4653.593	6.728967	5580.208	6.73895	83	50 - 150	-0.0100	+/-0.50	
MPFNA	22487.05	7.919183	31334.99	7.947317	72	50 - 150	-0.0281	+/-0.50	
MPFOA	61689.82	7.306	78630.72	7.324934	78	50 - 150	-0.0189	+/-0.50	
MPFOS	10629.22	7.96445	13415.21	7.983	79	50 - 150	-0.0185	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5527.686	7.918783	8652.226	7.94695	64	25 - 150	-0.0282	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	47541.17	7.305567	63922.43	7.324533	74	25 - 150	-0.0190	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	139539.4	4.072017	191640.8	4.099583	73	25 - 150	-0.0276	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	183515.4	1.039567	255743.5	1.076283	72	25 - 150	-0.0367	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	37610.84	9.2706	50840.05	9.307983	74	25 - 150	-0.0374	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4663.161	7.9639	6514.31	7.98245	72	25 - 150	-0.0186	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	636.1329	9.072634	25000.27	9.091166	3	25 - 150	-0.0185	+/-0.50	*
M7PFUdA-EIS	39895.94	8.900633	59503.77	8.909917	67	25 - 150	-0.0093	+/-0.50	
M6PFDA-EIS	26986.37	8.4564	33061.88	8.46565	82	25 - 150	-0.0092	+/-0.50	
M5PFHxA-EIS	88199.45	5.795683	118662.5	5.795683	74	25 - 150	0.0000	+/-0.50	
M4PFHpA-EIS	20241.05	6.619467	28360.15	6.628733	71	25 - 150	-0.0093	+/-0.50	
M3PFHxS-EIS	12720.89	6.720267	15961.43	6.729517	80	25 - 150	-0.0093	+/-0.50	
M3PFBS-EIS	18038.23	4.928583	26491.57	4.9378	68	25 - 150	-0.0092	+/-0.50	
M3-HFPO-DA-EIS	52988.23	6.06765	70816.16	6.06765	75	25 - 150	0.0000	+/-0.50	
M2PFTeDA-EIS	19029.15	9.915967	29665.83	9.971367	64	25 - 150	-0.0554	+/-0.50	
M2-8-2FTS-EIS	32711.44	8.437016	46795.23	8.446267	70	25 - 150	-0.0093	+/-0.50	
M2-6-2FTS-EIS	20566.09	7.266933	29362.98	7.276166	70	25 - 150	-0.0092	+/-0.50	
M2-4-2FTS-EIS	34822.52	5.73915	53971.68	5.73915	65	25 - 150	0.0000	+/-0.50	
d9-NEtFOSE-EIS	396.6535	10.14005	12937.39	10.20505	3	25 - 150	-0.0650	+/-0.50	*
d7-NMeFOSE-EIS	493.2707	9.90085	16972.73	9.956717	3	25 - 150	-0.0559	+/-0.50	*
d5-NEtFOSA-EIS	366.0463	10.16158	2461.114	10.21682	15	25 - 150	-0.0552	+/-0.50	*
d5-N-EtFOSAA-EIS	20697.77	8.871866	41765.8	8.881133	50	25 - 150	-0.0093	+/-0.50	
d3-NMeFOSA-EIS	190.12	9.895284	3367.795	9.951667	6	25 - 150	-0.0564	+/-0.50	*
d3-N-MeFOSAA-EIS	26954.96	8.6581	46932.45	8.66735	57	25 - 150	-0.0093	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Sequence: S3A1032 Instrument: LCQQQ

Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-4C (22L1392-12)			Lab File ID: QQQ23004.d			Analyzed: 01/10/23 22:54			
M3PFBA	56286.71	1.05105	70823.31	1.078583	79	50 - 150	-0.0275	+/-0.50	
MPFDA	19301.24	8.493867	24881.76	8.466066	78	50 - 150	0.0278	+/-0.50	
MPFHxA	73340.45	5.8152	86456.48	5.7967	85	50 - 150	0.0185	+/-0.50	
MPFHxS	4733.703	6.73895	5580.208	6.73895	85	50 - 150	0.0000	+/-0.50	
MPFNA	23215.34	7.956583	31334.99	7.947317	74	50 - 150	0.0093	+/-0.50	
MPFOA	57484.94	7.324917	78630.72	7.324934	73	50 - 150	0.0000	+/-0.50	
MPFOS	10940.39	7.992483	13415.21	7.983	82	50 - 150	0.0095	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5465.244	7.956217	8652.226	7.94695	63	25 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	46044.7	7.324533	63922.43	7.324533	72	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	134665.5	4.0812	191640.8	4.099583	70	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	179067	1.04875	255743.5	1.076283	70	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	30525.07	9.307983	50840.05	9.307983	60	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4380.254	7.99195	6514.31	7.98245	67	25 - 150	0.0095	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	2110.397	9.100583	25000.27	9.091166	8	25 - 150	0.0094	+/-0.50	*
M7PFUdA-EIS	37172.33	8.928467	59503.77	8.909917	62	25 - 150	0.0185	+/-0.50	
M6PFDA-EIS	20720.52	8.484167	33061.88	8.46565	63	25 - 150	0.0185	+/-0.50	
M5PFHxA-EIS	80698.45	5.814183	118662.5	5.795683	68	25 - 150	0.0185	+/-0.50	
M4PFHpA-EIS	19385.17	6.628716	28360.15	6.628733	68	25 - 150	0.0000	+/-0.50	
M3PFHxS-EIS	11253.64	6.7396	15961.43	6.729517	71	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	16569.05	4.947017	26491.57	4.9378	63	25 - 150	0.0092	+/-0.50	
M3-HFPO-DA-EIS	53726.05	6.086117	70816.16	6.06765	76	25 - 150	0.0185	+/-0.50	
M2PFTeDA-EIS	16076.35	9.952933	29665.83	9.971367	54	25 - 150	-0.0184	+/-0.50	
M2-8-2FTS-EIS	28667.69	8.4648	46795.23	8.446267	61	25 - 150	0.0185	+/-0.50	
M2-6-2FTS-EIS	19839.69	7.276166	29362.98	7.276166	68	25 - 150	0.0000	+/-0.50	
M2-4-2FTS-EIS	31903.49	5.7484	53971.68	5.73915	59	25 - 150	0.0092	+/-0.50	
d9-NEtFOSE-EIS	1220.237	10.17742	12937.39	10.20505	9	25 - 150	-0.0276	+/-0.50	*
d7-NMeFOSE-EIS	1539.568	9.9383	16972.73	9.956717	9	25 - 150	-0.0184	+/-0.50	*
d5-NEtFOSA-EIS	93.61432	10.07903	2461.114	10.21682	4	25 - 150	-0.1378	+/-0.50	*
d5-N-EtFOSAA-EIS	25537.18	8.899683	41765.8	8.881133	61	25 - 150	0.0185	+/-0.50	
d3-NMeFOSA-EIS	362.331	9.9322	3367.795	9.951667	11	25 - 150	-0.0195	+/-0.50	*
d3-N-MeFOSAA-EIS	28299.26	8.685884	46932.45	8.66735	60	25 - 150	0.0185	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Sequence: S3A1032 Instrument: LCQQQ

Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-5A (22L1392-13)			Lab File ID: QQQ23005.d			Analyzed: 01/10/23 23:10			
M3PFBA	54334.27	1.041867	70823.31	1.078583	77	50 - 150	-0.0367	+/-0.50	
MPFDA	18955.1	8.46605	24881.76	8.466066	76	50 - 150	0.0000	+/-0.50	
MPFHxA	67324.22	5.82445	86456.48	5.7967	78	50 - 150	0.0277	+/-0.50	
MPFHxS	4442.26	6.748167	5580.208	6.73895	80	50 - 150	0.0092	+/-0.50	
MPFNA	23071.98	7.937716	31334.99	7.947317	74	50 - 150	-0.0096	+/-0.50	
MPFOA	57439.4	7.324917	78630.72	7.324934	73	50 - 150	0.0000	+/-0.50	
MPFOS	10670.58	7.982983	13415.21	7.983	80	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6629.548	7.937333	8652.226	7.94695	77	25 - 150	-0.0096	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	47267.06	7.324533	63922.43	7.324533	74	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	134220.6	4.072017	191640.8	4.099583	70	25 - 150	-0.0276	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	178141.6	1.039567	255743.5	1.076283	70	25 - 150	-0.0367	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	34941.99	9.2891	50840.05	9.307983	69	25 - 150	-0.0189	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	5226.635	7.98245	6514.31	7.98245	80	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	670.2215	9.081883	25000.27	9.091166	3	25 - 150	-0.0093	+/-0.50	*
M7PFUdA-EIS	40233.46	8.9099	59503.77	8.909917	68	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	24417.86	8.465633	33061.88	8.46565	74	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	82779.22	5.823433	118662.5	5.795683	70	25 - 150	0.0277	+/-0.50	
M4PFHpA-EIS	19545.98	6.637983	28360.15	6.628733	69	25 - 150	0.0092	+/-0.50	
M3PFHxS-EIS	12858.65	6.748833	15961.43	6.729517	81	25 - 150	0.0193	+/-0.50	
M3PFBS-EIS	17580.4	4.9378	26491.57	4.9378	66	25 - 150	0.0000	+/-0.50	
M3-HFPO-DA-EIS	50943.57	6.09535	70816.16	6.06765	72	25 - 150	0.0277	+/-0.50	
M2PFTeDA-EIS	17621.24	9.9437	29665.83	9.971367	59	25 - 150	-0.0277	+/-0.50	
M2-8-2FTS-EIS	34673.3	8.44625	46795.23	8.446267	74	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	20573.17	7.285417	29362.98	7.276166	70	25 - 150	0.0093	+/-0.50	
M2-4-2FTS-EIS	35828.96	5.75765	53971.68	5.73915	66	25 - 150	0.0185	+/-0.50	
d9-NEtFOSE-EIS	554.8464	10.17742	12937.39	10.20505	4	25 - 150	-0.0276	+/-0.50	*
d7-NMeFOSE-EIS	623.2244	9.9285	16972.73	9.956717	4	25 - 150	-0.0282	+/-0.50	*
d5-NEtFOSA-EIS	356.9587	10.17998	2461.114	10.21682	15	25 - 150	-0.0368	+/-0.50	*
d5-N-EtFOSAA-EIS	26823.49	8.881117	41765.8	8.881133	64	25 - 150	0.0000	+/-0.50	
d3-NMeFOSA-EIS	135.0571	9.92295	3367.795	9.951667	4	25 - 150	-0.0287	+/-0.50	*
d3-N-MeFOSAA-EIS	30626.41	8.667334	46932.45	8.66735	65	25 - 150	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Sequence: S3A1032 Instrument: LCQQQ

Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-5B (22L1392-14)			Lab File ID: QQQ23006.d			Analyzed: 01/10/23 23:26			
M3PFBA	54957.26	1.041867	70823.31	1.078583	78	50 - 150	-0.0367	+/-0.50	
MPFDA	21071.04	8.47535	24881.76	8.466066	85	50 - 150	0.0093	+/-0.50	
MPFHxA	70585.13	5.787467	86456.48	5.7967	82	50 - 150	-0.0092	+/-0.50	
MPFHxS	4831.505	6.728983	5580.208	6.73895	87	50 - 150	-0.0100	+/-0.50	
MPFNA	22069.03	7.937733	31334.99	7.947317	70	50 - 150	-0.0096	+/-0.50	
MPFOA	60490.88	7.315267	78630.72	7.324934	77	50 - 150	-0.0097	+/-0.50	
MPFOS	10895.32	7.973733	13415.21	7.983	81	50 - 150	-0.0093	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5947.207	7.928067	8652.226	7.94695	69	25 - 150	-0.0189	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	50909.13	7.314833	63922.43	7.324533	80	25 - 150	-0.0097	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	144703.5	4.053633	191640.8	4.099583	76	25 - 150	-0.0460	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	193229.6	1.039567	255743.5	1.076283	76	25 - 150	-0.0367	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	32130.07	9.308	50840.05	9.307983	63	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4990.858	7.973183	6514.31	7.98245	77	25 - 150	-0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	2041.404	9.1006	25000.27	9.091166	8	25 - 150	0.0094	+/-0.50	*
M7PFUdA-EIS	43031.34	8.9192	59503.77	8.909917	72	25 - 150	0.0093	+/-0.50	
M6PFDA-EIS	24318.42	8.474916	33061.88	8.46565	74	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	90763.31	5.78645	118662.5	5.795683	76	25 - 150	-0.0092	+/-0.50	
M4PFHpA-EIS	20847.57	6.619483	28360.15	6.628733	74	25 - 150	-0.0093	+/-0.50	
M3PFHxS-EIS	13110.76	6.729533	15961.43	6.729517	82	25 - 150	0.0000	+/-0.50	
M3PFBS-EIS	17454.9	4.909467	26491.57	4.9378	66	25 - 150	-0.0283	+/-0.50	
M3-HFPO-DA-EIS	56592.27	6.058417	70816.16	6.06765	80	25 - 150	-0.0092	+/-0.50	
M2PFTeDA-EIS	18246.52	9.971383	29665.83	9.971367	62	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	31091.67	8.446283	46795.23	8.446267	66	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	23031.25	7.266933	29362.98	7.276166	78	25 - 150	-0.0092	+/-0.50	
M2-4-2FTS-EIS	36286.06	5.720667	53971.68	5.73915	67	25 - 150	-0.0185	+/-0.50	
d9-NEtFOSE-EIS	1249.623	10.20507	12937.39	10.20505	10	25 - 150	0.0000	+/-0.50	*
d7-NMeFOSE-EIS	1886.638	9.956734	16972.73	9.956717	11	25 - 150	0.0000	+/-0.50	*
d5-NEtFOSA-EIS	139.0073	10.07905	2461.114	10.21682	6	25 - 150	-0.1378	+/-0.50	*
d5-N-EtFOSAA-EIS	27636.16	8.890417	41765.8	8.881133	66	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	366.0696	9.951683	3367.795	9.951667	11	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	30209.07	8.66735	46932.45	8.66735	64	25 - 150	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Sequence: S3A1032 Instrument: LCQQQ

Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-5C (22L1392-15)			Lab File ID: QQQ23007.d			Analyzed: 01/10/23 23:42			
M3PFBA	55981.91	1.041867	70823.31	1.078583	79	50 - 150	-0.0367	+/-0.50	
MPFDA	20123.39	8.484583	24881.76	8.466066	81	50 - 150	0.0185	+/-0.50	
MPFHxA	70245.99	5.7967	86456.48	5.7967	81	50 - 150	0.0000	+/-0.50	
MPFHxS	4929.782	6.738934	5580.208	6.73895	88	50 - 150	0.0000	+/-0.50	
MPFNA	22436.27	7.956583	31334.99	7.947317	72	50 - 150	0.0093	+/-0.50	
MPFOA	58620.05	7.34345	78630.72	7.324934	75	50 - 150	0.0185	+/-0.50	
MPFOS	10975.99	8.00175	13415.21	7.983	82	50 - 150	0.0187	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5783.343	7.9655	8652.226	7.94695	67	25 - 150	0.0185	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	43012.56	7.343067	63922.43	7.324533	67	25 - 150	0.0185	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	148116.8	4.062817	191640.8	4.099583	77	25 - 150	-0.0368	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	195987.6	1.039567	255743.5	1.076283	77	25 - 150	-0.0367	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	32285.36	9.298367	50840.05	9.307983	64	25 - 150	-0.0096	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4355.483	8.001217	6514.31	7.98245	67	25 - 150	0.0188	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	4373.366	9.09115	25000.27	9.091166	17	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	36781.93	8.919167	59503.77	8.909917	62	25 - 150	0.0092	+/-0.50	
M6PFDA-EIS	21431.96	8.474883	33061.88	8.46565	65	25 - 150	0.0092	+/-0.50	
M5PFHxA-EIS	92894.07	5.795683	118662.5	5.795683	78	25 - 150	0.0000	+/-0.50	
M4PFHpA-EIS	20342.67	6.628716	28360.15	6.628733	72	25 - 150	0.0000	+/-0.50	
M3PFHxS-EIS	11664.23	6.7396	15961.43	6.729517	73	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	17663.59	4.928583	26491.57	4.9378	67	25 - 150	-0.0092	+/-0.50	
M3-HFPO-DA-EIS	56835.43	6.067633	70816.16	6.06765	80	25 - 150	0.0000	+/-0.50	
M2PFTeDA-EIS	15107.39	9.962133	29665.83	9.971367	51	25 - 150	-0.0092	+/-0.50	
M2-8-2FTS-EIS	27371.44	8.455517	46795.23	8.446267	58	25 - 150	0.0092	+/-0.50	
M2-6-2FTS-EIS	21719.95	7.295417	29362.98	7.276166	74	25 - 150	0.0193	+/-0.50	
M2-4-2FTS-EIS	35660.8	5.7299	53971.68	5.73915	66	25 - 150	-0.0093	+/-0.50	
d9-NEtFOSE-EIS	1993.657	10.19582	12937.39	10.20505	15	25 - 150	-0.0092	+/-0.50	*
d7-NMeFOSE-EIS	2722.268	9.947483	16972.73	9.956717	16	25 - 150	-0.0092	+/-0.50	*
d5-NEtFOSA-EIS	502.9752	10.2076	2461.114	10.21682	20	25 - 150	-0.0092	+/-0.50	*
d5-N-EtFOSAA-EIS	25865.02	8.890384	41765.8	8.881133	62	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	624.7849	9.942433	3367.795	9.951667	19	25 - 150	-0.0092	+/-0.50	*
d3-N-MeFOSAA-EIS	29822.62	8.6766	46932.45	8.66735	64	25 - 150	0.0092	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-5D (22L1392-16)			Lab File ID: QQQ23008.d			Analyzed: 01/10/23 23:58			
M3PFBA	55823.86	1.05105	70823.31	1.078583	79	50 - 150	-0.0275	+/-0.50	
MPFDA	18783.99	8.47535	24881.76	8.466066	75	50 - 150	0.0093	+/-0.50	
MPFHxA	70621.92	5.805967	86456.48	5.7967	82	50 - 150	0.0093	+/-0.50	
MPFHxS	4579.266	6.728983	5580.208	6.73895	82	50 - 150	-0.0100	+/-0.50	
MPFNA	22293.93	7.937733	31334.99	7.947317	71	50 - 150	-0.0096	+/-0.50	
MPFOA	61455.4	7.324934	78630.72	7.324934	78	50 - 150	0.0000	+/-0.50	
MPFOS	10555.08	7.983016	13415.21	7.983	79	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5722.7	7.93735	8652.226	7.94695	66	25 - 150	-0.0096	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	45192.46	7.324533	63922.43	7.324533	71	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	144718.9	4.0996	191640.8	4.099583	76	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	192628.3	1.04875	255743.5	1.076283	75	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	34251.78	9.308	50840.05	9.307983	67	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4536.562	7.982467	6514.31	7.98245	70	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	2535.789	9.1006	25000.27	9.091166	10	25 - 150	0.0094	+/-0.50	*
M7PFUdA-EIS	39316.57	8.9192	59503.77	8.909917	66	25 - 150	0.0093	+/-0.50	
M6PFDA-EIS	22417.9	8.474916	33061.88	8.46565	68	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	88300.87	5.804934	118662.5	5.795683	74	25 - 150	0.0093	+/-0.50	
M4PFHpA-EIS	19657.05	6.628733	28360.15	6.628733	69	25 - 150	0.0000	+/-0.50	
M3PFHxS-EIS	11900.83	6.729517	15961.43	6.729517	75	25 - 150	0.0000	+/-0.50	
M3PFBS-EIS	17653.99	4.947033	26491.57	4.9378	67	25 - 150	0.0092	+/-0.50	
M3-HFPO-DA-EIS	58355.22	6.086133	70816.16	6.06765	82	25 - 150	0.0185	+/-0.50	
M2PFTeDA-EIS	16796.79	9.971383	29665.83	9.971367	57	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	27942.93	8.446283	46795.23	8.446267	60	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	19648.5	7.276166	29362.98	7.276166	67	25 - 150	0.0000	+/-0.50	
M2-4-2FTS-EIS	32366.24	5.748417	53971.68	5.73915	60	25 - 150	0.0093	+/-0.50	
d9-NEtFOSE-EIS	1275.796	10.20507	12937.39	10.20505	10	25 - 150	0.0000	+/-0.50	*
d7-NMeFOSE-EIS	1521.075	9.956734	16972.73	9.956717	9	25 - 150	0.0000	+/-0.50	*
d5-NEtFOSA-EIS	157.8852	10.08825	2461.114	10.21682	6	25 - 150	-0.1286	+/-0.50	*
d5-N-EtFOSAA-EIS	25526.81	8.890417	41765.8	8.881133	61	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	328.9199	9.951683	3367.795	9.951667	10	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	27167.67	8.667367	46932.45	8.66735	58	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-6A (22L1392-17)			Lab File ID: QQQ23009.d			Analyzed: 01/11/23 00:14			
M3PFBA	56179.55	1.032683	70823.31	1.078583	79	50 - 150	-0.0459	+/-0.50	
MPFDA	20494.86	8.47535	24881.76	8.466066	82	50 - 150	0.0093	+/-0.50	
MPFHxA	72314.75	5.78745	86456.48	5.7967	84	50 - 150	-0.0093	+/-0.50	
MPFHxS	4480.877	6.73895	5580.208	6.73895	80	50 - 150	0.0000	+/-0.50	
MPFNA	23600.49	7.93775	31334.99	7.947317	75	50 - 150	-0.0096	+/-0.50	
MPFOA	60944.73	7.3342	78630.72	7.324934	78	50 - 150	0.0093	+/-0.50	
MPFOS	10403.36	7.983016	13415.21	7.983	78	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6890.686	7.93735	8652.226	7.94695	80	25 - 150	-0.0096	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	54384.63	7.32455	63922.43	7.324533	85	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	156341	4.04445	191640.8	4.099583	82	25 - 150	-0.0551	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	205872	1.030383	255743.5	1.076283	80	25 - 150	-0.0459	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	39440.79	9.298417	50840.05	9.307983	78	25 - 150	-0.0096	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	5445.388	7.982467	6514.31	7.98245	84	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	915.9739	9.091184	25000.27	9.091166	4	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	42031.39	8.909933	59503.77	8.909917	71	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	26296.47	8.465667	33061.88	8.46565	80	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	98401.91	5.786433	118662.5	5.795683	83	25 - 150	-0.0093	+/-0.50	
M4PFHpA-EIS	22689.29	6.628733	28360.15	6.628733	80	25 - 150	0.0000	+/-0.50	
M3PFHxS-EIS	13489.37	6.739617	15961.43	6.729517	85	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	18327.18	4.90025	26491.57	4.9378	69	25 - 150	-0.0376	+/-0.50	
M3-HFPO-DA-EIS	63138.95	6.058417	70816.16	6.06765	89	25 - 150	-0.0092	+/-0.50	
M2PFTeDA-EIS	16669.51	9.962183	29665.83	9.971367	56	25 - 150	-0.0092	+/-0.50	
M2-8-2FTS-EIS	38741.45	8.446283	46795.23	8.446267	83	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	23857.42	7.285433	29362.98	7.276166	81	25 - 150	0.0093	+/-0.50	
M2-4-2FTS-EIS	37677.8	5.72065	53971.68	5.73915	70	25 - 150	-0.0185	+/-0.50	
d9-NEtFOSE-EIS	459.0962	10.19587	12937.39	10.20505	4	25 - 150	-0.0092	+/-0.50	*
d7-NMeFOSE-EIS	701.1841	9.947534	16972.73	9.956717	4	25 - 150	-0.0092	+/-0.50	*
d5-NEtFOSA-EIS	109.9249	10.21687	2461.114	10.21682	4	25 - 150	0.0000	+/-0.50	*
d5-N-EtFOSAA-EIS	27986.79	8.88115	41765.8	8.881133	67	25 - 150	0.0000	+/-0.50	
d3-NMeFOSA-EIS	142.2024	9.9517	3367.795	9.951667	4	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	33100.6	8.667367	46932.45	8.66735	71	25 - 150	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Sequence: S3A1032 Instrument: LCQQQ

Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-6B (22L1392-18)			Lab File ID: QQQ23010.d			Analyzed: 01/11/23 00:30			
M3PFBA	55410.33	1.032683	70823.31	1.078583	78	50 - 150	-0.0459	+/-0.50	
MPFDA	19775.94	8.475333	24881.76	8.466066	79	50 - 150	0.0093	+/-0.50	
MPFHxA	72632.05	5.815217	86456.48	5.7967	84	50 - 150	0.0185	+/-0.50	
MPFHxS	4880.323	6.73895	5580.208	6.73895	87	50 - 150	0.0000	+/-0.50	
MPFNA	21715.46	7.947317	31334.99	7.947317	69	50 - 150	0.0000	+/-0.50	
MPFOA	60177.57	7.324934	78630.72	7.324934	77	50 - 150	0.0000	+/-0.50	
MPFOS	10720.52	7.983	13415.21	7.983	80	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	4818.021	7.937333	8652.226	7.94695	56	25 - 150	-0.0096	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	38668.69	7.324533	63922.43	7.324533	60	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	124608.5	4.062817	191640.8	4.099583	65	25 - 150	-0.0368	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	163694.1	1.039567	255743.5	1.076283	64	25 - 150	-0.0367	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	28269.2	9.2984	50840.05	9.307983	56	25 - 150	-0.0096	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4593.375	7.98245	6514.31	7.98245	71	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	2076.355	9.1006	25000.27	9.091166	8	25 - 150	0.0094	+/-0.50	*
M7PFUdA-EIS	32749.73	8.9192	59503.77	8.909917	55	25 - 150	0.0093	+/-0.50	
M6PFDA-EIS	19282.42	8.474916	33061.88	8.46565	58	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	80458.46	5.814183	118662.5	5.795683	68	25 - 150	0.0185	+/-0.50	
M4PFHpA-EIS	18028.41	6.628733	28360.15	6.628733	64	25 - 150	0.0000	+/-0.50	
M3PFHxS-EIS	10549.29	6.739617	15961.43	6.729517	66	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	14713.55	4.947017	26491.57	4.9378	56	25 - 150	0.0092	+/-0.50	
M3-HFPO-DA-EIS	50881.9	6.086117	70816.16	6.06765	72	25 - 150	0.0185	+/-0.50	
M2PFTeDA-EIS	14481.89	9.943733	29665.83	9.971367	49	25 - 150	-0.0276	+/-0.50	
M2-8-2FTS-EIS	25642.52	8.455533	46795.23	8.446267	55	25 - 150	0.0093	+/-0.50	
M2-6-2FTS-EIS	18897.95	7.276183	29362.98	7.276166	64	25 - 150	0.0000	+/-0.50	
M2-4-2FTS-EIS	29594.03	5.7484	53971.68	5.73915	55	25 - 150	0.0092	+/-0.50	
d9-NEtFOSE-EIS	1383.007	10.16822	12937.39	10.20505	11	25 - 150	-0.0368	+/-0.50	*
d7-NMeFOSE-EIS	1647.485	9.9193	16972.73	9.956717	10	25 - 150	-0.0374	+/-0.50	*
d5-NEtFOSA-EIS	93.99812	10.09748	2461.114	10.21682	4	25 - 150	-0.1193	+/-0.50	*
d5-N-EtFOSAA-EIS	22523.06	8.890417	41765.8	8.881133	54	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	298.8705	9.922983	3367.795	9.951667	9	25 - 150	-0.0287	+/-0.50	*
d3-N-MeFOSAA-EIS	26054.47	8.676617	46932.45	8.66735	56	25 - 150	0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-6C (22L1392-19)			Lab File ID: QQQ23011.d			Analyzed: 01/11/23 00:47			
M3PFBA	53401.65	1.060217	70823.31	1.078583	75	50 - 150	-0.0184	+/-0.50	
MPFDA	18761.74	8.47535	24881.76	8.466066	75	50 - 150	0.0093	+/-0.50	
MPFHxA	73557.59	5.80595	86456.48	5.7967	85	50 - 150	0.0092	+/-0.50	
MPFHxS	4568.234	6.748183	5580.208	6.73895	82	50 - 150	0.0092	+/-0.50	
MPFNA	21858.99	7.937733	31334.99	7.947317	70	50 - 150	-0.0096	+/-0.50	
MPFOA	56498.71	7.3342	78630.72	7.324934	72	50 - 150	0.0093	+/-0.50	
MPFOS	10708.99	7.983016	13415.21	7.983	80	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	4077.597	7.93735	8652.226	7.94695	47	25 - 150	-0.0096	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	29434.3	7.333817	63922.43	7.324533	46	25 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	115344.1	4.099583	191640.8	4.099583	60	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	155099.3	1.067117	255743.5	1.076283	61	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	21500.02	9.308	50840.05	9.307983	42	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	3133.447	7.982467	6514.31	7.98245	48	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1771.397	9.1006	25000.27	9.091166	7	25 - 150	0.0094	+/-0.50	*
M7PFUdA-EIS	25641.45	8.9192	59503.77	8.909917	43	25 - 150	0.0093	+/-0.50	
M6PFDA-EIS	15446.76	8.46565	33061.88	8.46565	47	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	65822.5	5.804934	118662.5	5.795683	55	25 - 150	0.0093	+/-0.50	
M4PFHpA-EIS	14277.09	6.637983	28360.15	6.628733	50	25 - 150	0.0092	+/-0.50	
M3PFHxS-EIS	8119.574	6.739617	15961.43	6.729517	51	25 - 150	0.0101	+/-0.50	
M3PFBS-EIS	12894.17	4.9378	26491.57	4.9378	49	25 - 150	0.0000	+/-0.50	
M3-HFPO-DA-EIS	42191.84	6.076883	70816.16	6.06765	60	25 - 150	0.0092	+/-0.50	
M2PFTeDA-EIS	10819.38	9.95295	29665.83	9.971367	36	25 - 150	-0.0184	+/-0.50	
M2-8-2FTS-EIS	19759.13	8.446283	46795.23	8.446267	42	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	13310.94	7.285433	29362.98	7.276166	45	25 - 150	0.0093	+/-0.50	
M2-4-2FTS-EIS	23840.96	5.73915	53971.68	5.73915	44	25 - 150	0.0000	+/-0.50	
d9-NEtFOSE-EIS	938.6465	10.18665	12937.39	10.20505	7	25 - 150	-0.0184	+/-0.50	*
d7-NMeFOSE-EIS	1170.533	9.9383	16972.73	9.956717	7	25 - 150	-0.0184	+/-0.50	*
d5-NEtFOSA-EIS	295.9583	10.18922	2461.114	10.21682	12	25 - 150	-0.0276	+/-0.50	*
d5-N-EtFOSAA-EIS	15403.15	8.890417	41765.8	8.881133	37	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	203.0562	9.9322	3367.795	9.951667	6	25 - 150	-0.0195	+/-0.50	*
d3-N-MeFOSAA-EIS	16833.99	8.66735	46932.45	8.66735	36	25 - 150	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1032
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-7A (22L1392-20)			Lab File ID: QQQ23012.d			Analyzed: 01/11/23 01:03			
M3PFBA	55514.36	1.041867	70823.31	1.078583	78	50 - 150	-0.0367	+/-0.50	
MPFDA	21094.04	8.484616	24881.76	8.466066	85	50 - 150	0.0186	+/-0.50	
MPFHxA	71546.67	5.805967	86456.48	5.7967	83	50 - 150	0.0093	+/-0.50	
MPFHxS	4759.868	6.757433	5580.208	6.73895	85	50 - 150	0.0185	+/-0.50	
MPFNA	22377.86	7.9659	31334.99	7.947317	71	50 - 150	0.0186	+/-0.50	
MPFOA	61902.02	7.352767	78630.72	7.324934	79	50 - 150	0.0278	+/-0.50	
MPFOS	10694.36	8.0018	13415.21	7.983	80	50 - 150	0.0188	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5199.284	7.965533	8652.226	7.94695	60	25 - 150	0.0186	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	42281.61	7.352366	63922.43	7.324533	66	25 - 150	0.0278	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	129398.7	4.081217	191640.8	4.099583	68	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	170078.4	1.048767	255743.5	1.076283	67	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	32374.51	9.298417	50840.05	9.307983	64	25 - 150	-0.0096	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4737.483	8.001266	6514.31	7.98245	73	25 - 150	0.0188	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	975.0211	9.100616	25000.27	9.091166	4	25 - 150	0.0095	+/-0.50	*
M7PFUdA-EIS	35304.86	8.919217	59503.77	8.909917	59	25 - 150	0.0093	+/-0.50	
M6PFDA-EIS	22035.03	8.474934	33061.88	8.46565	67	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	81236.78	5.80495	118662.5	5.795683	68	25 - 150	0.0093	+/-0.50	
M4PFHpA-EIS	18668.38	6.638017	28360.15	6.628733	66	25 - 150	0.0093	+/-0.50	
M3PFHxS-EIS	11588.51	6.74885	15961.43	6.729517	73	25 - 150	0.0193	+/-0.50	
M3PFBS-EIS	15747.93	4.937817	26491.57	4.9378	59	25 - 150	0.0000	+/-0.50	
M3-HFPO-DA-EIS	50050.6	6.0769	70816.16	6.06765	71	25 - 150	0.0092	+/-0.50	
M2PFTeDA-EIS	14671.19	9.934533	29665.83	9.971367	49	25 - 150	-0.0368	+/-0.50	
M2-8-2FTS-EIS	34328.45	8.45555	46795.23	8.446267	73	25 - 150	0.0093	+/-0.50	
M2-6-2FTS-EIS	21429.4	7.304717	29362.98	7.276166	73	25 - 150	0.0286	+/-0.50	
M2-4-2FTS-EIS	31459.64	5.739167	53971.68	5.73915	58	25 - 150	0.0000	+/-0.50	
d9-NEtFOSE-EIS	529.7717	10.15903	12937.39	10.20505	4	25 - 150	-0.0460	+/-0.50	*
d7-NMeFOSE-EIS	652.8853	9.919316	16972.73	9.956717	4	25 - 150	-0.0374	+/-0.50	*
d5-NEtFOSA-EIS	104.2187	10.0975	2461.114	10.21682	4	25 - 150	-0.1193	+/-0.50	*
d5-N-EtFOSAA-EIS	21763.22	8.890433	41765.8	8.881133	52	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	108.9124	9.923	3367.795	9.951667	3	25 - 150	-0.0287	+/-0.50	*
d3-N-MeFOSAA-EIS	28988.11	8.676633	46932.45	8.66735	62	25 - 150	0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1231
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-7B (22L1392-21)			Lab File ID: QQQ23034.d			Analyzed: 01/11/23 19:44			
M3PFBA	55161.96	1.05105	56372.68	1.05105	98	50 - 150	0.0000	+/-0.50	
MPFDA	20061.56	8.475333	20500.25	8.475333	98	50 - 150	0.0000	+/-0.50	
MPFHxA	72394.17	5.8337	71658.98	5.80595	101	50 - 150	0.0278	+/-0.50	
MPFHxS	4877.581	6.757417	4675.073	6.7574	104	50 - 150	0.0000	+/-0.50	
MPFNA	24190.73	7.947317	24983.01	7.9566	97	50 - 150	-0.0093	+/-0.50	
MPFOA	60785.81	7.3342	67468.43	7.343467	90	50 - 150	-0.0093	+/-0.50	
MPFOS	11075.29	7.983	11489.4	7.9925	96	50 - 150	-0.0095	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5296.717	7.956234	6438.085	7.956234	82	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	41486.61	7.333817	49637.13	7.343067	84	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	123145.8	4.0812	150779.5	4.072017	82	25 - 150	0.0092	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	158178.2	1.04875	192531.1	1.04875	82	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	31812.02	9.289117	42162.53	9.289117	75	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4629.051	7.982467	5413.143	7.991967	86	25 - 150	-0.0095	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	582.1219	9.091166	20658.15	9.0819	3	25 - 150	0.0093	+/-0.50	*
M7PFUdA-EIS	38251.97	8.909917	45808.16	8.909917	84	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	21892.62	8.474916	26166.57	8.4749	84	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	78257.05	5.823433	93812.65	5.804934	83	25 - 150	0.0185	+/-0.50	
M4PFHpA-EIS	17615.71	6.656517	22939.98	6.637983	77	25 - 150	0.0185	+/-0.50	
M3PFHxS-EIS	11113.26	6.758067	13353.91	6.758067	83	25 - 150	0.0000	+/-0.50	
M3PFBS-EIS	16524.51	4.9378	21047.27	4.9378	79	25 - 150	0.0000	+/-0.50	
M3-HFPO-DA-EIS	49805.67	6.113833	53815.14	6.076883	93	25 - 150	0.0370	+/-0.50	
M2PFTeDA-EIS	10125.83	9.925183	22377.42	9.925183	45	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	30447.89	8.455533	40230.26	8.455533	76	25 - 150	0.0000	+/-0.50	
M2-6-2FTS-EIS	22142.59	7.295434	24340.85	7.304683	91	25 - 150	-0.0092	+/-0.50	
M2-4-2FTS-EIS	32939.65	5.7669	44421.21	5.7484	74	25 - 150	0.0185	+/-0.50	
d9-NEtFOSE-EIS	247.2551	10.14927	9606.624	10.14925	3	25 - 150	0.0000	+/-0.50	*
d7-NMeFOSE-EIS	291.5284	9.910084	11716.55	9.910067	2	25 - 150	0.0000	+/-0.50	*
d5-NEtFOSA-EIS	213.5399	10.16158	1771.381	10.17078	12	25 - 150	-0.0092	+/-0.50	*
d5-N-EtFOSAA-EIS	25419.26	8.890417	36434.63	8.881133	70	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	104.4848	9.904516	2320.219	9.904516	5	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	28887.65	8.676617	38906.23	8.66735	74	25 - 150	0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1231
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-7C (22L1392-22)			Lab File ID: QQQ23035.d			Analyzed: 01/11/23 20:00			
M3PFBA	54029.13	1.041867	56372.68	1.05105	96	50 - 150	-0.0092	+/-0.50	
MPFDA	18480.19	8.466084	20500.25	8.475333	90	50 - 150	-0.0092	+/-0.50	
MPFHxA	67580.91	5.824467	71658.98	5.80595	94	50 - 150	0.0185	+/-0.50	
MPFHxS	4899.01	6.748183	4675.073	6.7574	105	50 - 150	-0.0092	+/-0.50	
MPFNA	22497.52	7.937733	24983.01	7.9566	90	50 - 150	-0.0189	+/-0.50	
MPFOA	56631.95	7.324934	67468.43	7.343467	84	50 - 150	-0.0185	+/-0.50	
MPFOS	10330.41	7.973733	11489.4	7.9925	90	50 - 150	-0.0188	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	4376.578	7.93735	6438.085	7.956234	68	25 - 150	-0.0189	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	34980.19	7.32455	49637.13	7.343067	70	25 - 150	-0.0185	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	114448.5	4.081217	150779.5	4.072017	76	25 - 150	0.0092	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	151642.5	1.039567	192531.1	1.04875	79	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	26763.99	9.289133	42162.53	9.289117	63	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	3370.693	7.973183	5413.143	7.991967	62	25 - 150	-0.0188	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1974.058	9.081917	20658.15	9.0819	10	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	28551.99	8.909933	45808.16	8.909917	62	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	18746.68	8.46565	26166.57	8.4749	72	25 - 150	-0.0092	+/-0.50	
M5PFHxA-EIS	71094.15	5.823433	93812.65	5.804934	76	25 - 150	0.0185	+/-0.50	
M4PFHpA-EIS	17164.33	6.638	22939.98	6.637983	75	25 - 150	0.0000	+/-0.50	
M3PFHxS-EIS	9078.342	6.748833	13353.91	6.758067	68	25 - 150	-0.0092	+/-0.50	
M3PFBS-EIS	14164.38	4.965466	21047.27	4.9378	67	25 - 150	0.0277	+/-0.50	
M3-HFPO-DA-EIS	45938.84	6.095366	53815.14	6.076883	85	25 - 150	0.0185	+/-0.50	
M2PFTeDA-EIS	12834.96	9.9252	22377.42	9.925183	57	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	23916.81	8.446283	40230.26	8.455533	59	25 - 150	-0.0093	+/-0.50	
M2-6-2FTS-EIS	15709.97	7.276183	24340.85	7.304683	65	25 - 150	-0.0285	+/-0.50	
M2-4-2FTS-EIS	27498.12	5.7669	44421.21	5.7484	62	25 - 150	0.0185	+/-0.50	
d9-NEtFOSE-EIS	1119.91	10.14005	9606.624	10.14925	12	25 - 150	-0.0092	+/-0.50	*
d7-NMeFOSE-EIS	1492.49	9.90085	11716.55	9.910067	13	25 - 150	-0.0092	+/-0.50	*
d5-NEtFOSA-EIS	400.4636	10.16158	1771.381	10.17078	23	25 - 150	-0.0092	+/-0.50	*
d5-N-EtFOSAA-EIS	21901.85	8.88115	36434.63	8.881133	60	25 - 150	0.0000	+/-0.50	
d3-NMeFOSA-EIS	241.2619	9.904516	2320.219	9.904516	10	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	23512.96	8.6581	38906.23	8.66735	60	25 - 150	-0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1231
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SB-7C Dup (22L1392-23)			Lab File ID: QQQ23036.d			Analyzed: 01/11/23 20:16			
M3PFBA	52529.9	1.05105	56372.68	1.05105	93	50 - 150	0.0000	+/-0.50	
MPFDA	18981.98	8.466066	20500.25	8.475333	93	50 - 150	-0.0093	+/-0.50	
MPFHxA	69606.27	5.80595	71658.98	5.80595	97	50 - 150	0.0000	+/-0.50	
MPFHxS	4327.153	6.73895	4675.073	6.7574	93	50 - 150	-0.0184	+/-0.50	
MPFNA	23616.03	7.937716	24983.01	7.9566	95	50 - 150	-0.0189	+/-0.50	
MPFOA	61164.59	7.324934	67468.43	7.343467	91	50 - 150	-0.0185	+/-0.50	
MPFOS	10933.28	7.983	11489.4	7.9925	95	50 - 150	-0.0095	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	3607.662	7.937333	6438.085	7.956234	56	25 - 150	-0.0189	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	27905.3	7.324533	49637.13	7.343067	56	25 - 150	-0.0185	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	98680.57	4.099583	150779.5	4.072017	65	25 - 150	0.0276	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	138018	1.04875	192531.1	1.04875	72	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	21675.58	9.298384	42162.53	9.289117	51	25 - 150	0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	3279.6	7.98245	5413.143	7.991967	61	25 - 150	-0.0095	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1044.965	9.0819	20658.15	9.0819	5	25 - 150	0.0000	+/-0.50	*
M7PFUdA-EIS	22702.23	8.9099	45808.16	8.909917	50	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	15122.04	8.4749	26166.57	8.4749	58	25 - 150	0.0000	+/-0.50	
M5PFHxA-EIS	56022.27	5.804934	93812.65	5.804934	60	25 - 150	0.0000	+/-0.50	
M4PFHpA-EIS	13378	6.628733	22939.98	6.637983	58	25 - 150	-0.0092	+/-0.50	
M3PFHxS-EIS	7532.764	6.7396	13353.91	6.758067	56	25 - 150	-0.0185	+/-0.50	
M3PFBS-EIS	11373.78	4.947033	21047.27	4.9378	54	25 - 150	0.0092	+/-0.50	
M3-HFPO-DA-EIS	38235.91	6.076883	53815.14	6.076883	71	25 - 150	0.0000	+/-0.50	
M2PFTeDA-EIS	10360.79	9.934517	22377.42	9.925183	46	25 - 150	0.0093	+/-0.50	
M2-8-2FTS-EIS	21304.76	8.446267	40230.26	8.455533	53	25 - 150	-0.0093	+/-0.50	
M2-6-2FTS-EIS	13174.47	7.276166	24340.85	7.304683	54	25 - 150	-0.0285	+/-0.50	
M2-4-2FTS-EIS	21805.8	5.73915	44421.21	5.7484	49	25 - 150	-0.0092	+/-0.50	
d9-NEtFOSE-EIS	642.296	10.15902	9606.624	10.14925	7	25 - 150	0.0098	+/-0.50	*
d7-NMeFOSE-EIS	807.7155	9.9193	11716.55	9.910067	7	25 - 150	0.0092	+/-0.50	*
d5-NEtFOSA-EIS	279.3824	10.17078	1771.381	10.17078	16	25 - 150	0.0000	+/-0.50	*
d5-N-EtFOSAA-EIS	17718.03	8.881117	36434.63	8.881133	49	25 - 150	0.0000	+/-0.50	
d3-NMeFOSA-EIS	181.7858	9.913733	2320.219	9.904516	8	25 - 150	0.0092	+/-0.50	*
d3-N-MeFOSAA-EIS	19851.61	8.66735	38906.23	8.66735	51	25 - 150	0.0000	+/-0.50	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20001
Laboratory ID: S2K2967-SCV1
Sequence: S2K2967
Standard ID: S22K191

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DIFF	QC LIMIT
HFPO-DA (Gen-X)	20.0	20.8	4.2	30.00
11CL-PF3OUdS	18.9	19.9	5.3	30.00
9CL-PF3ONS	18.7	20.4	9.2	30.00
ADONA	18.9	19.9	5.3	30.00
Perfluorododecanesulfonic acid (PFDoS)	4.85	4.94	1.9	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	4.81	5.46	13.4	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	25.0	20.1	-19.7	30.00
3-Perfluoropentyl propanoic acid (FPePA)	125	112	-10.2	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	125	108	-13.7	30.00
N-MeFOSE	50.0	55.2	10.4	30.00
N-MeFOSA	5.00	6.88	37.6 *	30.00
N-EtFOSE	50.0	59.6	19.2	30.00
N-EtFOSA	5.00	6.19	23.8	30.00
M3PFBS	2.33	2.45	5.3	
M5PFHxA	2.50	2.50	-0.01	
M4PFHpA	2.50	2.41	-3.5	
M3PFHxS	2.37	2.53	6.8	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.55	2.0	
M6PFDA	1.25	1.28	2.3	
M7PFUdA	1.25	1.27	1.8	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.35	8.4	
M2PFTeDA	1.25	1.30	4.0	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	9.86	-1.4	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.47	2.9	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	4.91	-1.7	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.49	-0.4	
d3-N-MeFOSAA	5.00	4.79	-4.2	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ22924.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1013	Injection Date:	01/09/23
Lab Sample ID:	S3A1013-CCV1	Injection Time:	14:14

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.5	0.7060242	0.7765508		11.1	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.99	0.2338291	0.2364248		4.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.88	1.017768	1.073536		5.4	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.4	1.101837	1.216559		9.7	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	76.2	0.1007375	0.1337871		21.8	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	82.7	8.804107E-02	0.1252745		32.0	30	*
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.0	1.571653E-02	1.996735E-02		12.3	30	
9CL-PF3ONS	A	9.35	10.6	1.007273	1.069193		12.8	30	
ADONA	A	9.45	10.1	0.5198129	0.5564045		7.0	30	
HFPO-DA (Gen-X)	A	10.0	9.06	2.584439E-02	2.352831E-02		-9.4	30	
N-EtFOSA	A	2.50	2.15	1.255355	0.9637433		-13.8	30	
N-EtFOSAA	A	2.50	2.65	0.8818708	0.9886705		6.0	30	
N-EtFOSE	A	25.0	22.2	1.57359	1.256319		-11.2	30	
N-MeFOSA	A	2.50	2.80	1.02078	0.9475399		11.9	30	
N-MeFOSAA	A	2.50	2.56	0.9801225	1.031263		2.4	30	
N-MeFOSE	A	25.0	21.4	1.054833	0.8750047		-14.4	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	5.01	0.9861382	1.079031		12.5	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.73	0.9495304	1.061133		13.1	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.86	2.473154	2.945911		20.1	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.22	2.065523	2.422445		34.0	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.66	1.466714	1.569187		6.6	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.45	1.715718	1.6925		4.3	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.77	1.624325E-02	1.298926E-02		-24.7	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ22932.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1013	Injection Date:	01/09/23
Lab Sample ID:	S3A1013-CCV2	Injection Time:	16:32

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	10.5	0.7060242	0.779467		11.5	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.79	0.2338291	0.2319387		2.0	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.82	1.017768	1.066198		4.6	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.4	1.101837	1.21142		9.2	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	82.6	0.1007375	0.1448588		31.9	30 *
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	79.9	8.804107E-02	0.1211869		27.7	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	13.8	1.571653E-02	1.964195E-02		10.5	30
9CL-PF3ONS	A	9.35	11.2	1.007273	1.130411		19.3	30
ADONA	A	9.45	10.5	0.5198129	0.5768946		11.0	30
HFPO-DA (Gen-X)	A	10.0	9.35	2.584439E-02	2.427329E-02		-6.5	30
N-EtFOSA	A	2.50	2.31	1.255355	1.034743		-7.5	30
N-EtFOSAA	A	2.50	2.59	0.8818708	0.9671418		3.7	30
N-EtFOSE	A	25.0	23.0	1.57359	1.302105		-7.9	30
N-MeFOSA	A	2.50	2.49	1.02078	0.8417909		-0.5	30
N-MeFOSAA	A	2.50	2.62	0.9801225	1.05429		4.7	30
N-MeFOSE	A	25.0	21.1	1.054833	0.862524		-15.6	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.87	0.9861382	1.05044		9.5	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.55	0.9495304	0.993279		5.9	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.62	2.473154	2.701641		10.1	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.98	2.065523	2.241206		24.0	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.46	1.466714	1.447658		-1.7	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.40	1.715718	1.657806		2.2	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	2.64	1.624325E-02	9.12324E-03		-47.2	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ22989.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1032	Injection Date:	01/10/23
Lab Sample ID:	S3A1032-CCV4	Injection Time:	18:53

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	11.0	0.7060242	0.8134262		16.4	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.3	0.2338291	0.243557		7.4	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.3	1.017768	1.11809		9.7	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.94	1.101837	1.164097		4.7	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	82.2	0.1007375	0.1441396		31.3	30 *
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	81.4	8.804107E-02	0.1233785		30.0	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	15.0	1.571653E-02	2.139523E-02		20.3	30
9CL-PF3ONS	A	9.35	11.3	1.007273	1.149412		21.3	30
ADONA	A	9.45	11.1	0.5198129	0.6079395		16.9	30
HFPO-DA (Gen-X)	A	10.0	9.42	2.584439E-02	2.445577E-02		-5.8	30
N-EtFOSA	A	2.50	2.42	1.255355	1.082397		-3.2	30
N-EtFOSAA	A	2.50	2.59	0.8818708	0.9674304		3.8	30
N-EtFOSE	A	25.0	21.5	1.57359	1.219367		-13.8	30
N-MeFOSA	A	2.50	2.53	1.02078	0.8575727		1.3	30
N-MeFOSAA	A	2.50	2.69	0.9801225	1.083075		7.5	30
N-MeFOSE	A	25.0	22.0	1.054833	0.8981504		-12.1	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.87	0.9861382	1.050879		9.5	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.71	0.9495304	1.054108		12.4	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.70	2.473154	2.780049		13.3	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.02	2.065523	2.278109		26.0	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.57	1.466714	1.514153		2.8	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.48	1.715718	1.712261		5.5	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.25	1.624325E-02	1.123439E-02		-34.9	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ22989.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1032	Injection Date:	01/10/23
Lab Sample ID:	S3A1032-CCV4	Injection Time:	18:53

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.39	0.2821598	0.3042257		7.8	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.95	0.4592084	0.4580255		-1.1	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.31	1.161103	1.221729		4.1	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.55	1.025548	1.089315		1.8	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.30	0.5834538	0.5493372		-5.1	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.85	0.8208561	0.9447825		14.0	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.84	2.818514	3.136431		13.5	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	3.00	1.057505	1.357002		31.4	30	*
Perfluorohexanoic acid (PFHxA)	A	2.50	2.71	1.101169	1.173482		8.6	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.4	0.9243285	0.9905415		4.5	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.39	3.754246	3.548463		-4.2	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.45	2.444588	2.473057		5.4	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.73	1.043942	1.161034		9.2	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.26	0.9840133	1.044995		5.2	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.52	1.045179	1.089094		0.9	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.74	1.116147	1.236681		9.7	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.83	0.8722246	0.9753345		13.2	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23001.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1032	Injection Date:	01/10/23
Lab Sample ID:	S3A1032-CCV5	Injection Time:	22:06

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	11.2	0.7060242	0.8312338		18.9	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.2338291	0.2445757		7.9	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.2	1.017768	1.106152		8.6	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.1	1.101837	1.177656		6.0	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	78.2	0.1007375	0.1371995		24.9	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	82.2	8.804107E-02	0.1245622		31.3	30 *
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.4	1.571653E-02	2.054053E-02		15.5	30
9CL-PF3ONS	A	9.35	11.3	1.007273	1.146372		21.0	30
ADONA	A	9.45	11.1	0.5198129	0.6114584		17.6	30
HFPO-DA (Gen-X)	A	10.0	10.2	2.584439E-02	2.652669E-02		2.2	30
N-EtFOSA	A	2.50	2.21	1.255355	0.9902999		-11.5	30
N-EtFOSAA	A	2.50	2.47	0.8818708	0.9202323		-1.3	30
N-EtFOSE	A	25.0	22.4	1.57359	1.265356		-10.5	30
N-MeFOSA	A	2.50	2.27	1.02078	0.767854		-9.3	30
N-MeFOSAA	A	2.50	2.48	0.9801225	0.9993972		-0.8	30
N-MeFOSE	A	25.0	21.2	1.054833	0.8675464		-15.1	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.82	0.9861382	1.039605		8.4	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.75	0.9495304	1.071969		14.3	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.78	2.473154	2.864076		16.8	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.08	2.065523	2.32122		28.4	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.60	1.466714	1.52867		3.8	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.46	1.715718	1.701643		4.9	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	2.85	1.624325E-02	9.861852E-03		-42.9	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23001.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1032	Injection Date:	01/10/23
Lab Sample ID:	S3A1032-CCV5	Injection Time:	22:06

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.31	0.2821598	0.3000243		6.3	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	5.09	0.4592084	0.4710181		1.8	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.15	1.161103	1.135317		-3.3	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.41	1.025548	1.031124		-3.6	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.35	0.5834538	0.5618594		-3.0	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.72	0.8208561	0.9021303		8.9	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.73	2.818514	3.014601		9.1	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	3.03	1.057505	1.370872		32.8	30	*
Perfluorohexanoic acid (PFHxA)	A	2.50	2.73	1.101169	1.178477		9.0	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.3	0.9243285	0.973848		2.7	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.22	3.754246	3.282999		-11.4	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.46	2.444588	2.489653		6.1	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.48	1.043942	1.053245		-0.9	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.27	0.9840133	1.046861		5.4	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.39	1.045179	1.033675		-4.3	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.87	1.116147	1.294625		14.9	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.53	0.8722246	0.8724867		1.3	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23013.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1032	Injection Date:	01/11/23
Lab Sample ID:	S3A1032-CCV6	Injection Time:	01:19

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	11.7	0.7060242	0.8624228		23.4	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.2	0.2338291	0.2405027		6.0	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.2	1.017768	1.112082		9.1	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.2	1.101837	1.197012		7.8	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	82.7	0.1007375	0.1449527		32.0	30 *
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	85.9	8.804107E-02	0.1300968		37.2	30 *
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.9	1.571653E-02	2.125983E-02		19.5	30
9CL-PF3ONS	A	9.35	11.9	1.007273	1.206126		27.3	30
ADONA	A	9.45	11.5	0.5198129	0.6347104		22.1	30
HFPO-DA (Gen-X)	A	10.0	10.0	2.584439E-02	2.597301E-02		0.03	30
N-EtFOSA	A	2.50	2.43	1.255355	1.086298		-2.9	30
N-EtFOSAA	A	2.50	2.59	0.8818708	0.9649945		3.5	30
N-EtFOSE	A	25.0	23.4	1.57359	1.321472		-6.6	30
N-MeFOSA	A	2.50	2.35	1.02078	0.7955441		-6.0	30
N-MeFOSAA	A	2.50	2.48	0.9801225	0.998296		-0.9	30
N-MeFOSE	A	25.0	20.5	1.054833	0.8393306		-17.9	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	5.06	0.9861382	1.090476		13.7	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.44	0.9495304	0.9495965		1.2	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.54	2.473154	2.613767		6.5	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.83	2.065523	2.132244		17.9	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.49	1.466714	1.467178		-0.4	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.48	1.715718	1.712725		5.6	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.16	1.624325E-02	1.091029E-02		-36.8	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23013.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1032	Injection Date:	01/11/23
Lab Sample ID:	S3A1032-CCV6	Injection Time:	01:19

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.30	0.2821598	0.2994128		6.1	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.97	0.4592084	0.4602472		-0.6	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.34	1.161103	1.239119		5.6	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.73	1.025548	1.167839		9.2	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.46	0.5834538	0.5882596		1.6	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.79	0.8208561	0.9249953		11.6	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.71	2.818514	2.994337		8.4	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	3.11	1.057505	1.406719		36.2	30	*
Perfluorohexanoic acid (PFHxA)	A	2.50	2.85	1.101169	1.229982		13.8	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.3	0.9243285	0.9787995		3.2	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.24	3.754246	3.312002		-10.6	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.28	2.444588	2.309375		-1.5	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.60	1.043942	1.105488		4.0	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.26	0.9840133	1.046145		5.3	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.67	1.045179	1.152229		6.7	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.78	1.116147	1.254564		11.3	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.82	0.8722246	0.9727247		12.9	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23027.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1231	Injection Date:	01/11/23
Lab Sample ID:	S3A1231-CCV1	Injection Time:	17:51

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	11.7	0.7060242	0.8634792		23.5	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.6	0.2338291	0.2488446		10.0	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.3	1.017768	1.11432		9.4	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.2	1.101837	1.193732		7.5	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	77.9	0.1007375	0.1366631		24.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	81.4	8.804107E-02	0.1234517		30.1	30	*
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.3	1.571653E-02	2.041027E-02		14.8	30	
9CL-PF3ONS	A	9.35	12.1	1.007273	1.226515		29.5	30	
ADONA	A	9.45	12.1	0.5198129	0.663096		27.6	30	
HFPO-DA (Gen-X)	A	10.0	9.89	2.584439E-02	0.0256925		-1.1	30	
N-EtFOSA	A	2.50	2.38	1.255355	1.065302		-4.8	30	
N-EtFOSAA	A	2.50	2.40	0.8818708	0.8950046		-4.0	30	
N-EtFOSE	A	25.0	21.7	1.57359	1.230021		-13.1	30	
N-MeFOSA	A	2.50	2.33	1.02078	0.78773		-6.9	30	
N-MeFOSAA	A	2.50	2.47	0.9801225	0.9946715		-1.3	30	
N-MeFOSE	A	25.0	21.9	1.054833	0.8956553		-12.3	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.99	0.9861382	1.075811		12.2	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.64	0.9495304	1.029266		9.7	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.66	2.473154	2.745269		11.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.92	2.065523	2.201709		21.8	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.44	1.466714	1.437302		-2.4	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.35	1.715718	1.618313		-0.2	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	2.80	1.624325E-02	9.65729E-03		-44.1	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	22L1392
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23041.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1231	Injection Date:	01/11/23
Lab Sample ID:	S3A1231-CCV2	Injection Time:	21:37

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	11.3	0.7060242	0.8380075		19.9	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.3	0.2338291	0.2424322		6.9	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.3	1.017768	1.122184		10.1	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.3	1.101837	1.208153		8.9	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	84.3	0.1007375	0.147787		34.6	30	*
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	83.8	8.804107E-02	0.1269604		33.8	30	*
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.1	1.571653E-02	0.020064		12.8	30	
9CL-PF3ONS	A	9.35	12.1	1.007273	1.227316		29.6	30	
ADONA	A	9.45	11.4	0.5198129	0.6254254		20.3	30	
HFPO-DA (Gen-X)	A	10.0	9.90	2.584439E-02	2.570057E-02		-1.0	30	
N-EtFOSA	A	2.50	2.47	1.255355	1.104516		-1.3	30	
N-EtFOSAA	A	2.50	2.61	0.8818708	0.974129		4.5	30	
N-EtFOSE	A	25.0	22.7	1.57359	1.281971		-9.4	30	
N-MeFOSA	A	2.50	2.43	1.02078	0.8213597		-3.0	30	
N-MeFOSAA	A	2.50	2.45	0.9801225	0.9862789		-2.1	30	
N-MeFOSE	A	25.0	20.6	1.054833	0.8434097		-17.5	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.96	0.9861382	1.068631		11.4	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.30	0.9495304	0.8957439		-4.6	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.45	2.473154	2.530971		3.1	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.56	2.065523	1.93063		6.8	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.64	1.466714	1.554578		5.6	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.36	1.715718	1.628565		0.4	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.12	1.624325E-02	1.075749E-02		-37.7	30	*

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

SB-2A

Laboratory: York Analytical Laboratories, Inc. - St | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-04 | File ID: P60035475.D

Sampled: 12/28/22 10:30 | Prepared: 12/31/22 09:07 | Analyzed: 01/05/23 00:07

Solids: 93.65 | Preparation: EPA 3550C | Initial/Final: 30.2 g / 10 mL

Batch: BL21786 | Sequence: S3A0528 | Calibration: SA30006 | Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.00175	0.00175		U
72-55-9	4,4'-DDE	5	0.00278	0.00215	25.56	D
50-29-3	4,4'-DDT	5	0.00175	0.00175		U
309-00-2	Aldrin	5	0.00175	0.00175		U
319-84-6	alpha-BHC	5	0.00175	0.00175		U
5103-71-9	alpha-Chlordane	5	0.00175	0.00175		U
319-85-7	beta-BHC	5	0.00175	0.00175		U
319-86-8	delta-BHC	5	0.00175	0.00175		U
60-57-1	Dieldrin	5	0.00175	0.00175		U
959-98-8	Endosulfan I	5	0.00175	0.00175		U
33213-65-9	Endosulfan II	5	0.00175	0.00175		U
1031-07-8	Endosulfan sulfate	5	0.00175	0.00175		U
72-20-8	Endrin	5	0.00175	0.00175		U
7421-93-4	Endrin aldehyde	5	0.00175	0.00175		U
53494-70-5	Endrin ketone	5	0.00175	0.00175		U
58-89-9	gamma-BHC (Lindane)	5	0.00175	0.00175		U
5566-34-7	gamma-Chlordane	5	0.00175	0.00175		U
76-44-8	Heptachlor	5	0.00175	0.00175		U
1024-57-3	Heptachlor epoxide	5	0.00175	0.00175		U
72-43-5	Methoxychlor	5	0.00175	0.00175		U
8001-35-2	Toxaphene	5	0.175	0.175		U
57-74-9	Chlordane, total	5	0.0350	0.0350		U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0707	0.0379	53.6	30 - 150	
Tetrachloro-m-xylene	0.0707	0.0390	55.2	30 - 150	

* Values outside of QC limits

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

SB-6B

Laboratory: York Analytical Laboratories, Inc. - St | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-18 | File ID: P60035536.D

Sampled: 12/28/22 16:42 | Prepared: 12/30/22 08:04 | Analyzed: 01/05/23 22:52

Solids: 77.50 | Preparation: EPA 3550C | Initial/Final: 30.8 g / 10 mL

Batch: BL21744 | Sequence: S3A0630 | Calibration: SA30006 | Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.0101	0.0103	1.96	D
72-55-9	4,4'-DDE	5	0.00218	0.00232	6.22	D
50-29-3	4,4'-DDT	5	0.0232	0.0245	5.45	D
309-00-2	Aldrin	5	0.00207	0.00207		U
319-84-6	alpha-BHC	5	0.00207	0.00207		U
5103-71-9	alpha-Chlordane	5	0.0116	0.0104	10.91	D
319-85-7	beta-BHC	5	0.00207	0.00207		U
319-86-8	delta-BHC	5	0.00207	0.00207		U
60-57-1	Dieldrin	5	0.00207	0.00207		U
959-98-8	Endosulfan I	5	0.00207	0.00207		U
33213-65-9	Endosulfan II	5	0.00207	0.00207		U
1031-07-8	Endosulfan sulfate	5	0.00207	0.00207		U
72-20-8	Endrin	5	0.00207	0.00207		U
7421-93-4	Endrin aldehyde	5	0.00207	0.00207		U
53494-70-5	Endrin ketone	5	0.00207	0.00207		U
58-89-9	gamma-BHC (Lindane)	5	0.00207	0.00207		U
5566-34-7	gamma-Chlordane	5	0.0115	1.17	196.11	DP
76-44-8	Heptachlor	5	0.00207	0.00207		U
1024-57-3	Heptachlor epoxide	5	0.00207	0.00207		U
72-43-5	Methoxychlor	5	0.00207	0.00207		U
8001-35-2	Toxaphene	5	0.207	0.207		U
57-74-9	Chlordane, total	5	0.0880	4.89	192.93	DP

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0838	0.0428	51.1	30 - 150	
Tetrachloro-m-xylene	0.0838	0.0455	54.3	30 - 150	

* Values outside of QC limits

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

SB-7B

Laboratory: York Analytical Laboratories, Inc. - St | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-21 | File ID: P60035537.D

Sampled: 12/28/22 14:38 | Prepared: 12/30/22 08:04 | Analyzed: 01/05/23 23:10

Solids: 70.74 | Preparation: EPA 3550C | Initial/Final: 30.5 g / 10 mL

Batch: BL21744 | Sequence: S3A0630 | Calibration: SA30006 | Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.0136	0.0137	0.73	D
72-55-9	4,4'-DDE	5	0.00704	0.00696	1.14	D
50-29-3	4,4'-DDT	5	0.00229	0.00229		U
309-00-2	Aldrin	5	0.00229	0.00229		U
319-84-6	alpha-BHC	5	0.00229	0.00229		U
5103-71-9	alpha-Chlordane	5	0.0202	0.0198	2.00	D
319-85-7	beta-BHC	5	0.00229	0.00229		U
319-86-8	delta-BHC	5	0.00229	0.00229		U
60-57-1	Dieldrin	5	0.00521	0.00437	17.54	D
959-98-8	Endosulfan I	5	0.00229	0.00229		U
33213-65-9	Endosulfan II	5	0.00229	0.00229		U
1031-07-8	Endosulfan sulfate	5	0.00229	0.00229		U
72-20-8	Endrin	5	0.00229	0.00229		U
7421-93-4	Endrin aldehyde	5	0.00229	0.00229		U
53494-70-5	Endrin ketone	5	0.00229	0.00229		U
58-89-9	gamma-BHC (Lindane)	5	0.00229	0.00229		U
5566-34-7	gamma-Chlordane	5	0.0193	1.62	195.29	DP
76-44-8	Heptachlor	5	0.00679	0.00747	9.54	D
1024-57-3	Heptachlor epoxide	5	0.00229	0.00229		U
72-43-5	Methoxychlor	5	0.00229	0.00229		U
8001-35-2	Toxaphene	5	0.229	0.229		U
57-74-9	Chlordane, total	5	0.165	0.305	59.57	DP

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0927	0.0444	47.9	30 - 150	
Tetrachloro-m-xylene	0.0927	0.0552	59.6	30 - 150	

* Values outside of QC limits

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

SB-2A

Laboratory: York Analytical Laboratories, Inc. - St SDG: 22L1392

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 22L1392-04 File ID: P1113531.D

Sampled: 12/28/22 10:30 Prepared: 12/31/22 09:07 Analyzed: 01/05/23 02:09

Solids: 93.65 Preparation: EPA 3550C Initial/Final: 30.2 g / 10 mL

Batch: BL21786 Sequence: S3A0517 Calibration: SL20043 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
12674-11-2	Aroclor 1016	1	0.0177	0.0177		U
11104-28-2	Aroclor 1221	1	0.0177	0.0177		U
11141-16-5	Aroclor 1232	1	0.0177	0.0177		U
53469-21-9	Aroclor 1242	1	0.283	0.203	32.92	
12672-29-6	Aroclor 1248	1	0.0177	0.0177		U
11097-69-1	Aroclor 1254	1	0.0177	0.0177		U
11096-82-5	Aroclor 1260	1	0.0979	0.0666	38.05	
37324-23-5	Aroclor 1262	1	0.0177	0.0177		U
11100-14-4	Aroclor 1268	1	0.0177	0.0177		U
1336-36-3	Total PCBs	1	0.381	0.270	34.10	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0707	0.0435	61.5	30 - 120	
Decachlorobiphenyl	0.0707	0.0421	59.5	30 - 120	

* Values outside of QC limits

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

SB-7B

Laboratory: York Analytical Laboratories, Inc. - St | SDG: 22L1392

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 22L1392-21 | File ID: P1113452.D

Sampled: 12/28/22 14:38 | Prepared: 12/30/22 08:04 | Analyzed: 01/04/23 00:46

Solids: 70.74 | Preparation: EPA 3550C | Initial/Final: 30.5 g / 10 mL

Batch: BL21744 | Sequence: S3A0429 | Calibration: SL20043 | Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
12674-11-2	Aroclor 1016	1	0.0232	0.0232		U
11104-28-2	Aroclor 1221	1	0.0232	0.0232		U
11141-16-5	Aroclor 1232	1	0.0232	0.0232		U
53469-21-9	Aroclor 1242	1	0.0232	0.0232		U
12672-29-6	Aroclor 1248	1	0.198	0.119	49.84	P
11097-69-1	Aroclor 1254	1	0.0232	0.0232		U
11096-82-5	Aroclor 1260	1	0.0634	0.0471	29.50	
37324-23-5	Aroclor 1262	1	0.0232	0.0232		U
11100-14-4	Aroclor 1268	1	0.0232	0.0232		U
1336-36-3	Total PCBs	1	0.261	0.166	44.50	P

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0927	0.0556	60.0	30 - 120	
Decachlorobiphenyl	0.0927	0.0542	58.5	30 - 120	

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Soil
Batch: BA30116
Laboratory ID: BA30116-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7970	7290	91.5	49.7 - 150.6
Antimony	136	57.9	42.6	20.4 - 249.3
Arsenic	87.4	83.9	96.0	70 - 130.4
Barium	347	356	102	75.2 - 130.3
Beryllium	103	102	99.0	74.8 - 132
Cadmium	160	145	90.6	75 - 145.6
Calcium	4100	4010	97.8	71.7 - 139.3
Chromium	231	226	98.0	70.1 - 134.2
Cobalt	241	240	99.7	75.1 - 141.5
Copper	144	152	106	75 - 126.4
Iron	14200	13200	92.9	35.3 - 164.8
Lead	266	250	93.9	74.1 - 125.9
Magnesium	2220	2270	102	61.3 - 138.7
Manganese	555	559	101	77.3 - 132.8
Nickel	350	359	103	70 - 144
Potassium	1940	1920	98.9	58.2 - 141.8
Selenium	130	86.5	66.5 *	66.9 - 133.8
Silver	57.1	55.6	97.4	70.2 - 129.8
Sodium	117	114	97.4	30.5 - 170.1
Thallium	75.4	68.0	90.2	64.3 - 135.3
Vanadium	88.6	81.2	91.7	65.6 - 134.3
Zinc	160	152	95.0	70 - 130

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Instrument ID: WinLabICP
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A0901
Calibration: 01/06/23 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S3A0901-CCB1	Lead	0.002	0.005	ug/mL		EPA 6010D
	Magnesium	0.018	0.050	ug/mL		EPA 6010D
	Manganese	0.00003	0.005	ug/mL		EPA 6010D
	Nickel	-0.0006	0.010	ug/mL		EPA 6010D
	Potassium	-0.049	0.050	ug/mL		EPA 6010D
	Selenium	-0.009	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.062	0.500	ug/mL		EPA 6010D
	Thallium	0.002	0.025	ug/mL		EPA 6010D
	Vanadium	0.0007	0.010	ug/mL		EPA 6010D
	Zinc	0.0003	0.025	ug/mL		EPA 6010D
BA30122-BLK1	Aluminum	2.04	4.17	mg/kg wet		EPA 6010D
	Antimony	0.286	2.08	mg/kg wet		EPA 6010D
	Arsenic	-0.446	1.25	mg/kg wet		EPA 6010D
	Barium	0.005	2.08	mg/kg wet		EPA 6010D
	Beryllium	0.002	0.042	mg/kg wet		EPA 6010D
	Cadmium	0.060	0.250	mg/kg wet		EPA 6010D
	Calcium	7.49	4.17	mg/kg wet	*	EPA 6010D
	Chromium	0.091	0.417	mg/kg wet		EPA 6010D
	Cobalt	0.002	0.333	mg/kg wet		EPA 6010D
	Copper	0.063	1.67	mg/kg wet		EPA 6010D
	Iron	2.64	20.8	mg/kg wet		EPA 6010D
	Lead	0.236	0.417	mg/kg wet		EPA 6010D
	Magnesium	1.74	4.17	mg/kg wet		EPA 6010D
	Manganese	0.030	0.417	mg/kg wet		EPA 6010D
	Nickel	0.030	0.830	mg/kg wet		EPA 6010D
	Potassium	2.46	4.17	mg/kg wet		EPA 6010D
	Selenium	0.409	2.08	mg/kg wet		EPA 6010D
	Silver	-0.045	0.420	mg/kg wet		EPA 6010D
	Sodium	14.1	41.7	mg/kg wet		EPA 6010D
	Thallium	1.55	2.08	mg/kg wet		EPA 6010D
	Vanadium	0.063	0.830	mg/kg wet		EPA 6010D
	Zinc	0.952	2.08	mg/kg wet		EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/05/23
Control Limt: +/- 10.00%
Sequence: S3A0525

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S3A0525-ICV1	Aluminum	10.0	9.21	92.1	ug/mL	EPA 6010D
	Antimony	0.250	0.247	98.8	ug/mL	EPA 6010D
	Arsenic	0.250	0.251	100	ug/mL	EPA 6010D
	Barium	10.0	9.94	99.4	ug/mL	EPA 6010D
	Beryllium	0.250	0.240	96.2	ug/mL	EPA 6010D
	Cadmium	0.125	0.127	101	ug/mL	EPA 6010D
	Calcium	25.0	24.4	97.6	ug/mL	EPA 6010D
	Chromium	1.00	0.973	97.3	ug/mL	EPA 6010D
	Cobalt	2.50	2.44	97.5	ug/mL	EPA 6010D
	Copper	1.25	1.23	98.0	ug/mL	EPA 6010D
	Iron	5.00	4.83	96.5	ug/mL	EPA 6010D
	Lead	0.250	0.261	104	ug/mL	EPA 6010D
	Magnesium	25.0	24.2	96.9	ug/mL	EPA 6010D
	Manganese	2.50	2.46	98.5	ug/mL	EPA 6010D
	Nickel	2.50	2.42	96.8	ug/mL	EPA 6010D
	Potassium	25.0	24.3	97.3	ug/mL	EPA 6010D
	Selenium	0.250	0.299	120 *	ug/mL	EPA 6010D
	Silver	1.25	1.18	94.1	ug/mL	EPA 6010D
	Sodium	25.0	24.5	97.9	ug/mL	EPA 6010D
	Thallium	0.250	0.270	108	ug/mL	EPA 6010D
	Vanadium	2.50	2.43	97.1	ug/mL	EPA 6010D
	Zinc	2.50	2.44	97.6	ug/mL	EPA 6010D
S3A0525-CCV1	Aluminum	10.0	10.5	105	ug/mL	EPA 6010D
	Antimony	0.250	0.227	90.8	ug/mL	EPA 6010D
	Arsenic	0.500	0.504	101	ug/mL	EPA 6010D
	Barium	10.0	10.9	109	ug/mL	EPA 6010D
	Beryllium	0.250	0.270	108	ug/mL	EPA 6010D
	Cadmium	0.250	0.260	104	ug/mL	EPA 6010D
	Calcium	25.0	24.4	97.5	ug/mL	EPA 6010D
	Chromium	1.00	1.08	108	ug/mL	EPA 6010D
	Cobalt	2.50	2.73	109	ug/mL	EPA 6010D
	Copper	1.25	1.38	110	ug/mL	EPA 6010D
	Iron	5.00	5.44	109	ug/mL	EPA 6010D
	Lead	0.500	0.513	103	ug/mL	EPA 6010D
	Magnesium	25.0	26.8	107	ug/mL	EPA 6010D
	Manganese	2.50	2.70	108	ug/mL	EPA 6010D
	Nickel	2.50	2.72	109	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/05/23
Control Limt: +/- 10.00%
Sequence: S3A0525

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S3A0525-CCV1	Potassium	5.00	5.12	102	ug/mL	EPA 6010D
	Selenium	0.500	0.536	107	ug/mL	EPA 6010D
	Silver	1.25	1.36	109	ug/mL	EPA 6010D
	Sodium	25.0	24.6	98.3	ug/mL	EPA 6010D
	Thallium	0.500	0.515	103	ug/mL	EPA 6010D
	Vanadium	2.50	2.65	106	ug/mL	EPA 6010D
	Zinc	2.50	2.75	110	ug/mL	EPA 6010D
S3A0525-CCV3	Aluminum	10.0	9.03	90.3	ug/mL	EPA 6010D
	Antimony	0.250	0.196	78.2 *	ug/mL	EPA 6010D
	Arsenic	0.500	0.462	92.3	ug/mL	EPA 6010D
	Barium	10.0	9.82	98.2	ug/mL	EPA 6010D
	Beryllium	0.250	0.244	97.6	ug/mL	EPA 6010D
	Cadmium	0.250	0.229	91.6	ug/mL	EPA 6010D
	Calcium	25.0	23.8	95.2	ug/mL	EPA 6010D
	Chromium	1.00	0.934	93.4	ug/mL	EPA 6010D
	Cobalt	2.50	2.41	96.2	ug/mL	EPA 6010D
	Copper	1.25	1.19	95.1	ug/mL	EPA 6010D
	Iron	5.00	4.73	94.5	ug/mL	EPA 6010D
	Lead	0.500	0.463	92.7	ug/mL	EPA 6010D
	Magnesium	25.0	24.4	97.7	ug/mL	EPA 6010D
	Manganese	2.50	2.44	97.7	ug/mL	EPA 6010D
	Nickel	2.50	2.42	96.7	ug/mL	EPA 6010D
	Potassium	5.00	4.98	99.6	ug/mL	EPA 6010D
	Selenium	0.500	0.493	98.5	ug/mL	EPA 6010D
	Silver	1.25	1.16	93.0	ug/mL	EPA 6010D
	Sodium	25.0	23.9	95.5	ug/mL	EPA 6010D
	Thallium	0.500	0.466	93.3	ug/mL	EPA 6010D
	Vanadium	2.50	2.39	95.5	ug/mL	EPA 6010D
	Zinc	2.50	2.42	96.9	ug/mL	EPA 6010D
S3A0525-CCV4	Aluminum	10.0	9.10	91.0	ug/mL	EPA 6010D
	Antimony	0.250	0.209	83.6 *	ug/mL	EPA 6010D
	Arsenic	0.500	0.464	92.9	ug/mL	EPA 6010D
	Barium	10.0	9.89	98.9	ug/mL	EPA 6010D
	Beryllium	0.250	0.250	100	ug/mL	EPA 6010D
	Cadmium	0.250	0.237	94.6	ug/mL	EPA 6010D
	Calcium	25.0	24.0	96.1	ug/mL	EPA 6010D
	Chromium	1.00	0.993	99.3	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/05/23
Control Limt: +/- 10.00%
Sequence: S3A0525

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S3A0525-CCV4	Cobalt	2.50	2.51	100	ug/mL	EPA 6010D
	Copper	1.25	1.20	95.9	ug/mL	EPA 6010D
	Iron	5.00	5.03	101	ug/mL	EPA 6010D
	Lead	0.500	0.470	94.0	ug/mL	EPA 6010D
	Magnesium	25.0	24.8	99.1	ug/mL	EPA 6010D
	Manganese	2.50	2.48	99.0	ug/mL	EPA 6010D
	Nickel	2.50	2.51	100	ug/mL	EPA 6010D
	Potassium	5.00	4.97	99.5	ug/mL	EPA 6010D
	Selenium	0.500	0.507	101	ug/mL	EPA 6010D
	Silver	1.25	1.18	94.3	ug/mL	EPA 6010D
	Sodium	25.0	24.0	95.8	ug/mL	EPA 6010D
	Thallium	0.500	0.476	95.2	ug/mL	EPA 6010D
	Vanadium	2.50	2.42	96.9	ug/mL	EPA 6010D
	Zinc	2.50	2.55	102	ug/mL	EPA 6010D
S3A0525-CCV5	Aluminum	10.0	9.25	92.5	ug/mL	EPA 6010D
	Antimony	0.250	0.195	77.9 *	ug/mL	EPA 6010D
	Arsenic	0.500	0.458	91.5	ug/mL	EPA 6010D
	Barium	10.0	9.68	96.8	ug/mL	EPA 6010D
	Beryllium	0.250	0.243	97.1	ug/mL	EPA 6010D
	Cadmium	0.250	0.228	91.2	ug/mL	EPA 6010D
	Calcium	25.0	24.0	96.1	ug/mL	EPA 6010D
	Chromium	1.00	0.951	95.1	ug/mL	EPA 6010D
	Cobalt	2.50	2.42	96.7	ug/mL	EPA 6010D
	Copper	1.25	1.20	96.2	ug/mL	EPA 6010D
	Iron	5.00	4.89	97.8	ug/mL	EPA 6010D
	Lead	0.500	0.459	91.9	ug/mL	EPA 6010D
	Magnesium	25.0	24.2	96.6	ug/mL	EPA 6010D
	Manganese	2.50	2.42	96.9	ug/mL	EPA 6010D
	Nickel	2.50	2.41	96.3	ug/mL	EPA 6010D
	Potassium	5.00	5.02	100	ug/mL	EPA 6010D
	Selenium	0.500	0.497	99.5	ug/mL	EPA 6010D
	Silver	1.25	1.18	94.7	ug/mL	EPA 6010D
	Sodium	25.0	23.9	95.7	ug/mL	EPA 6010D
	Thallium	0.500	0.459	91.8	ug/mL	EPA 6010D
	Vanadium	2.50	2.36	94.3	ug/mL	EPA 6010D
	Zinc	2.50	2.44	97.8	ug/mL	EPA 6010D
S3A0525-CCV6	Aluminum	10.0	9.15	91.5	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/06/23
Control Limt: +/- 10.00%
Sequence: S3A0901

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S3A0901-ICV1	Aluminum	10.0	9.21	92.1	ug/mL	EPA 6010D
	Antimony	0.250	0.246	98.2	ug/mL	EPA 6010D
	Arsenic	0.250	0.263	105	ug/mL	EPA 6010D
	Barium	10.0	10.1	101	ug/mL	EPA 6010D
	Beryllium	0.250	0.250	100	ug/mL	EPA 6010D
	Cadmium	0.125	0.131	105	ug/mL	EPA 6010D
	Calcium	25.0	25.0	99.9	ug/mL	EPA 6010D
	Chromium	1.00	1.02	102	ug/mL	EPA 6010D
	Cobalt	2.50	2.53	101	ug/mL	EPA 6010D
	Copper	1.25	1.25	100	ug/mL	EPA 6010D
	Iron	5.00	5.03	101	ug/mL	EPA 6010D
	Lead	0.250	0.268	107	ug/mL	EPA 6010D
	Magnesium	25.0	24.9	99.6	ug/mL	EPA 6010D
	Manganese	2.50	2.52	101	ug/mL	EPA 6010D
	Nickel	2.50	2.51	100	ug/mL	EPA 6010D
	Potassium	25.0	24.2	97.0	ug/mL	EPA 6010D
	Selenium	0.250	0.296	118 *	ug/mL	EPA 6010D
	Silver	1.25	1.19	95.5	ug/mL	EPA 6010D
	Sodium	25.0	25.1	100	ug/mL	EPA 6010D
	Thallium	0.250	0.276	110	ug/mL	EPA 6010D
	Vanadium	2.50	2.50	99.9	ug/mL	EPA 6010D
	Zinc	2.50	2.55	102	ug/mL	EPA 6010D
S3A0901-CCV1	Aluminum	10.0	9.58	95.8	ug/mL	EPA 6010D
	Antimony	0.250	0.200	80.2 *	ug/mL	EPA 6010D
	Arsenic	0.500	0.460	92.1	ug/mL	EPA 6010D
	Barium	10.0	10.0	100	ug/mL	EPA 6010D
	Beryllium	0.250	0.252	101	ug/mL	EPA 6010D
	Cadmium	0.250	0.231	92.4	ug/mL	EPA 6010D
	Calcium	25.0	24.6	98.5	ug/mL	EPA 6010D
	Chromium	1.00	0.978	97.8	ug/mL	EPA 6010D
	Cobalt	2.50	2.47	98.8	ug/mL	EPA 6010D
	Copper	1.25	1.28	102	ug/mL	EPA 6010D
	Iron	5.00	4.94	98.7	ug/mL	EPA 6010D
	Lead	0.500	0.463	92.7	ug/mL	EPA 6010D
	Magnesium	25.0	25.0	99.8	ug/mL	EPA 6010D
	Manganese	2.50	2.49	99.7	ug/mL	EPA 6010D
	Nickel	2.50	2.48	99.2	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/06/23
Control Limt: +/- 10.00%
Sequence: S3A0901

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S3A0901-CCV1	Potassium	5.00	5.09	102	ug/mL	EPA 6010D
	Selenium	0.500	0.477	95.4	ug/mL	EPA 6010D
	Silver	1.25	1.24	99.4	ug/mL	EPA 6010D
	Sodium	25.0	24.8	99.0	ug/mL	EPA 6010D
	Thallium	0.500	0.464	92.7	ug/mL	EPA 6010D
	Vanadium	2.50	2.45	98.1	ug/mL	EPA 6010D
	Zinc	2.50	2.52	101	ug/mL	EPA 6010D
S3A0901-CCV2	Aluminum	10.0	9.34	93.4	ug/mL	EPA 6010D
	Antimony	0.250	0.189	75.4 *	ug/mL	EPA 6010D
	Arsenic	0.500	0.466	93.2	ug/mL	EPA 6010D
	Barium	10.0	9.83	98.3	ug/mL	EPA 6010D
	Beryllium	0.250	0.248	99.2	ug/mL	EPA 6010D
	Cadmium	0.250	0.227	90.6	ug/mL	EPA 6010D
	Calcium	25.0	24.7	98.9	ug/mL	EPA 6010D
	Chromium	1.00	0.959	95.9	ug/mL	EPA 6010D
	Cobalt	2.50	2.43	97.1	ug/mL	EPA 6010D
	Copper	1.25	1.24	99.0	ug/mL	EPA 6010D
	Iron	5.00	4.89	97.8	ug/mL	EPA 6010D
	Lead	0.500	0.461	92.2	ug/mL	EPA 6010D
	Magnesium	25.0	24.7	98.9	ug/mL	EPA 6010D
	Manganese	2.50	2.45	98.2	ug/mL	EPA 6010D
	Nickel	2.50	2.42	96.7	ug/mL	EPA 6010D
	Potassium	5.00	4.99	99.7	ug/mL	EPA 6010D
	Selenium	0.500	0.482	96.5	ug/mL	EPA 6010D
	Silver	1.25	1.21	96.9	ug/mL	EPA 6010D
	Sodium	25.0	24.6	98.3	ug/mL	EPA 6010D
	Thallium	0.500	0.470	93.9	ug/mL	EPA 6010D
	Vanadium	2.50	2.41	96.5	ug/mL	EPA 6010D
	Zinc	2.50	2.46	98.3	ug/mL	EPA 6010D
S3A0901-CCV3	Aluminum	10.0	9.60	96.0	ug/mL	EPA 6010D
	Antimony	0.250	0.189	75.6 *	ug/mL	EPA 6010D
	Arsenic	0.500	0.468	93.6	ug/mL	EPA 6010D
	Barium	10.0	9.98	99.8	ug/mL	EPA 6010D
	Beryllium	0.250	0.251	100	ug/mL	EPA 6010D
	Cadmium	0.250	0.231	92.3	ug/mL	EPA 6010D
	Calcium	25.0	24.6	98.2	ug/mL	EPA 6010D
	Chromium	1.00	0.980	98.0	ug/mL	EPA 6010D

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/06/23
Sequence: S3A0901

Lab Sample ID	Analyte	True	Found	%R	Units
S3A0901-IFA1	Aluminum	500	508.98	102	ug/mL
	Antimony		0.00		ug/mL
	Arsenic		0.00		ug/mL
	Barium		0.00		ug/mL
	Beryllium		0.00		ug/mL
	Cadmium		0.00		ug/mL
	Calcium	500	476.11	95.2	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	190.11	95.1	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	502.08	100	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		-0.10		ug/mL
	Selenium		0.00		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.14		ug/mL
	Thallium		0.00		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S3A0901-IFB1	Aluminum	500	503.01	101	ug/mL
	Antimony	0.500	0.42	84.8	ug/mL
	Arsenic	0.500	0.46	91.7	ug/mL
	Barium	0.500	0.49	98.1	ug/mL
	Beryllium	0.500	0.46	92.7	ug/mL
	Cadmium	1.00	0.79	78.8 *	ug/mL
	Calcium	500	463.38	92.7	ug/mL

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/06/23
Sequence: S3A0901

Lab Sample ID	Analyte	True	Found	%R	Units
S3A0901-IFB1	Chromium	0.500	0.44	87.0	ug/mL
	Cobalt	0.500	0.43	86.7	ug/mL
	Copper	0.500	0.50	99.4	ug/mL
	Iron	200	184.04	92.0	ug/mL
	Lead	1.00	0.80	79.8 *	ug/mL
	Magnesium	500	493.75	98.7	ug/mL
	Manganese	0.500	0.46	91.8	ug/mL
	Nickel	1.00	0.94	94.0	ug/mL
	Potassium		-0.12		ug/mL
	Selenium	0.500	0.40	80.8	ug/mL
	Silver	1.00	0.97	96.8	ug/mL
	Sodium		0.13		ug/mL
	Thallium	0.500	0.42	84.8	ug/mL
	Vanadium	0.500	0.45	90.8	ug/mL
	Zinc	1.00	0.87	86.9	ug/mL

* Values outside of QC limits

DUPLICATES

EPA 9014/9010C

SB-7B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 22L1392
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Soil
Laboratory ID: BA30055-DUP1
Batch: BA30055
Lab Source ID: 22L1392-21
Preparation: Analysis Preparation Soil
Initial/Final: 1 g / 50 mL
Source Sample Name: SB-7B
% Solids: 70.74

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Cyanide, total	15	2.82		ND 0.50 U		139 %		EPA 9014/9010C

* Values outside of QC limits

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals LLC
10-14 Tucker Dr.
Poughkeepsie, NY
Project # C314132

SDG: 23A0328
7 Air Samples

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 23A0328 – Willow Brook Rentals LLC

The data associated with this Sample Delivery Group (SDG) 23A0328, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/1/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals LLC 10-14 Tucker Dr., Poughkeepsie, NY Project #: C314132
SAMPLING DATE:	January 05, 2023
SAMPLE TYPE:	7 air samples
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	23A0328

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 7 air samples collected on January 05, 2023. These samples were analyzed for TO-15 Volatile Organic Compounds (VOCs) and Methane.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 23A0328. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 and 6-2. These tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 23A0328, seven samples were analyzed and results were reported for 476 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 TO-15

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SG-11 IA-11 SSD-1	1,2,4-Trichlorobenzene Vinyl acetate	UJ non-detects J detects	% D for CCV > QC limit and/or LCS rec < QC limit	Data are qualified as estimated

Table 6-2 Methane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SV-1R	Methane	J detects	%RPD for Dups > QC limit	Data are qualified as estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 02/10/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23A0328

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

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

Report Date: 02/10/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23A0328

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 06, 2023 and listed below. The project was identified as your project: **C314132 WIllow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23A0328-01	SG-11	Soil Vapor	01/05/2023	01/06/2023
23A0328-02	IA-11	Indoor Ambient Air	01/05/2023	01/06/2023
23A0328-03	SSD-1	Vapor Extraction	01/05/2023	01/06/2023
23A0328-04	SSD-2	Vapor Extraction	01/05/2023	01/06/2023
23A0328-05	SSD-3	Vapor Extraction	01/05/2023	01/06/2023
23A0328-06	SSD-6	Vapor Extraction	01/05/2023	01/06/2023
23A0328-07	SV-1R	Soil Vapor	01/05/2023	01/06/2023

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

Field Chain-of-Custody Record - AIR

YORK Project No. 23A0328

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

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc.	Company: Same	Company: Same	C314132	RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:		Standard (5-7 Day) X
			YOUR PO#:	

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

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

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

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

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

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SG-11	1/5/23 0910	AS	-30	-9	37799	6873	TO-15 + methane
IA-11	0917	AI	-30	-10	37405	13564	
SSD-1	1210	AE	-30	-6	23992		
SSD-2	1215		-30	-6	37386		
SSD-3	1220		-30	-5	34503		
SSD-6	1245		-30	-6	23156		
SV-1R	0900	AS	-30	-8	37790	6869	

Comments:

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

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	1/6/23 9:25	Client York	1-6-23 9:25	Client York	1-6-23
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TC Yahle/York	1/6/23 1405	KBlockus/York	1/6/23 2015	Victor D/York	1/6/23 20:15
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Victor D. York	1/6/23			Alanny Cortes	1/9/23 12:00

York Analytical Laboratories, Inc. - Stratford
SDG: 23A0328
CLASS: AIR
METHOD: EPA TO-15

DATA PACKAGE COVER PAGE

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 23A0328

Client: DT Consulting Services

Project: C314132 WIllow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SG-11	23A0328-01
IA-11	23A0328-02
SSD-1	23A0328-03
SSD-2	23A0328-04
SSD-3	23A0328-05
SSD-6	23A0328-06
SV-1R	23A0328-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 2/10/2023

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-11

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 23A0328-01 File ID: TQ223397.D

Sampled: 01/05/23 09:10 Prepared: 01/09/23 12:00 Analyzed: 01/09/23 22:19

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30345 Sequence: S3A0926 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	17.9	12	U	
71-55-6	1,1,1-Trichloroethane	17.9	9.7	U	
79-34-5	1,1,2,2-Tetrachloroethane	17.9	12	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	17.9	14	U	
79-00-5	1,1,2-Trichloroethane	17.9	9.7	U	
75-34-3	1,1-Dichloroethane	17.9	7.2	U	
75-35-4	1,1-Dichloroethylene	17.9	1.8	U	
120-82-1	1,2,4-Trichlorobenzene	17.9	13	U	UJ
95-63-6	1,2,4-Trimethylbenzene	17.9	8.8	U	
106-93-4	1,2-Dibromoethane	17.9	14	U	
95-50-1	1,2-Dichlorobenzene	17.9	11	U	
107-06-2	1,2-Dichloroethane	17.9	7.2	U	
78-87-5	1,2-Dichloropropane	17.9	8.2	U	
76-14-2	1,2-Dichlorotetrafluoroethane	17.9	1900	D	
108-67-8	1,3,5-Trimethylbenzene	17.9	8.8	U	
106-99-0	1,3-Butadiene	17.9	12	U	
541-73-1	1,3-Dichlorobenzene	17.9	11	U	
142-28-9	1,3-Dichloropropane	17.9	8.2	U	
106-46-7	1,4-Dichlorobenzene	17.9	11	U	
123-91-1	1,4-Dioxane	17.9	13	U	
78-93-3	2-Butanone	17.9	14	D	
591-78-6	2-Hexanone	17.9	15	U	
107-05-1	3-Chloropropene	17.9	28	U	
108-10-1	4-Methyl-2-pentanone	17.9	7.3	U	
67-64-1	Acetone	17.9	310	D	
107-13-1	Acrylonitrile	17.9	3.9	U	
71-43-2	Benzene	17.9	89	D	
100-44-7	Benzyl chloride	17.9	9.2	U	
75-27-4	Bromodichloromethane	17.9	12	U	
75-25-2	Bromoform	17.9	18	U	
74-83-9	Bromomethane	17.9	6.9	U	
75-15-0	Carbon disulfide	17.9	5.6	U	
56-23-5	Carbon tetrachloride	17.9	2.8	U	
108-90-7	Chlorobenzene	17.9	210	D	
75-00-3	Chloroethane	17.9	4.7	U	
67-66-3	Chloroform	17.9	8.7	U	
74-87-3	Chloromethane	17.9	3.7	U	
156-59-2	cis-1,2-Dichloroethylene	17.9	11	D	
10061-01-5	cis-1,3-Dichloropropylene	17.9	8.1	U	
110-82-7	Cyclohexane	17.9	700	D	

MKP 3/1/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SG-11

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 23A0328-01 File ID: TQ223397.D

Sampled: 01/05/23 09:10 Prepared: 01/09/23 12:00 Analyzed: 01/09/23 22:19

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30345 Sequence: S3A0926 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	17.9	15	U	
75-71-8	Dichlorodifluoromethane	17.9	350	D	
141-78-6	Ethyl acetate	17.9	13	U	
100-41-4	Ethyl Benzene	17.9	7.8	U	
87-68-3	Hexachlorobutadiene	17.9	19	U	
67-63-0	Isopropanol	17.9	59	D	
80-62-6	Methyl Methacrylate	17.9	120	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	17.9	6.4	U	
75-09-2	Methylene chloride	17.9	12	U	
142-82-5	n-Heptane	17.9	230	D	
110-54-3	n-Hexane	17.9	300	D	
95-47-6	o-Xylene	17.9	7.8	U	
179601-23-1	p- & m- Xylenes	17.9	16	U	
622-96-8	p-Ethyltoluene	17.9	8.8	U	
115-07-1	Propylene	17.9	3.1	U	
100-42-5	Styrene	17.9	7.6	U	
127-18-4	Tetrachloroethylene	17.9	12	U	
109-99-9	Tetrahydrofuran	17.9	11	U	
108-88-3	Toluene	17.9	15	D	
156-60-5	trans-1,2-Dichloroethylene	17.9	7.1	U	
10061-02-6	trans-1,3-Dichloropropylene	17.9	8.1	U	
79-01-6	Trichloroethylene	17.9	2.4	U	
75-69-4	Trichlorofluoromethane (Freon 11)	17.9	10	U	
108-05-4	Vinyl acetate	17.9	6.3	U	UJ
593-60-2	Vinyl bromide	17.9	7.8	U	
75-01-4	Vinyl Chloride	17.9	16	D	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Difluorobenzene	420139	13.804	522670	13.792	
ISTD: d5-Chlorobenzene	308164	19.059	434994	19.06	

* Values outside of QC limits

MKP 3/1/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-11

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 23A0328-02 File ID: TQ223394.D

Sampled: 01/05/23 09:17 Prepared: 01/09/23 12:00 Analyzed: 01/09/23 19:15

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30345 Sequence: S3A0926 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.06	0.73	U
71-55-6	1,1,1-Trichloroethane	1.06	0.58	U
79-34-5	1,1,2,2-Tetrachloroethane	1.06	0.73	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.06	0.81	U
79-00-5	1,1,2-Trichloroethane	1.06	0.58	U
75-34-3	1,1-Dichloroethane	1.06	0.43	U
75-35-4	1,1-Dichloroethylene	1.06	0.11	U
120-82-1	1,2,4-Trichlorobenzene	1.06	1.0	D
95-63-6	1,2,4-Trimethylbenzene	1.06	0.78	D
106-93-4	1,2-Dibromoethane	1.06	0.81	U
95-50-1	1,2-Dichlorobenzene	1.06	0.64	U
107-06-2	1,2-Dichloroethane	1.06	0.43	U
78-87-5	1,2-Dichloropropane	1.06	0.49	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.06	0.89	D
108-67-8	1,3,5-Trimethylbenzene	1.06	0.52	U
106-99-0	1,3-Butadiene	1.06	0.70	U
541-73-1	1,3-Dichlorobenzene	1.06	0.64	U
142-28-9	1,3-Dichloropropane	1.06	0.49	U
106-46-7	1,4-Dichlorobenzene	1.06	0.64	U
123-91-1	1,4-Dioxane	1.06	0.76	U
78-93-3	2-Butanone	1.06	3.8	D
591-78-6	2-Hexanone	1.06	0.87	U
107-05-1	3-Chloropropene	1.06	1.7	U
108-10-1	4-Methyl-2-pentanone	1.06	0.43	U
67-64-1	Acetone	1.06	30	D
107-13-1	Acrylonitrile	1.06	0.23	U
71-43-2	Benzene	1.06	0.91	D
100-44-7	Benzyl chloride	1.06	0.55	U
75-27-4	Bromodichloromethane	1.06	0.71	U
75-25-2	Bromoform	1.06	1.1	U
74-83-9	Bromomethane	1.06	0.41	U
75-15-0	Carbon disulfide	1.06	0.33	U
56-23-5	Carbon tetrachloride	1.06	0.40	D
108-90-7	Chlorobenzene	1.06	0.49	U
75-00-3	Chloroethane	1.06	0.28	U
67-66-3	Chloroform	1.06	0.52	U
74-87-3	Chloromethane	1.06	1.2	D
156-59-2	cis-1,2-Dichloroethylene	1.06	0.11	U
10061-01-5	cis-1,3-Dichloropropylene	1.06	0.48	U
110-82-7	Cyclohexane	1.06	0.36	U

J

MKP 3/1/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

IA-11

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Indoor Ambient Air Laboratory ID: 23A0328-02 File ID: TQ223394.D

Sampled: 01/05/23 09:17 Prepared: 01/09/23 12:00 Analyzed: 01/09/23 19:15

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30345 Sequence: S3A0926 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	1.06	0.90	U	
75-71-8	Dichlorodifluoromethane	1.06	2.7	D	
141-78-6	Ethyl acetate	1.06	0.76	U	
100-41-4	Ethyl Benzene	1.06	0.46	U	
87-68-3	Hexachlorobutadiene	1.06	1.1	U	
67-63-0	Isopropanol	1.06	4.4	D	
80-62-6	Methyl Methacrylate	1.06	0.65	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	1.06	0.38	U	
75-09-2	Methylene chloride	1.06	0.99	D	
142-82-5	n-Heptane	1.06	0.61	D	
110-54-3	n-Hexane	1.06	0.52	D	
95-47-6	o-Xylene	1.06	0.60	D	
179601-23-1	p- & m- Xylenes	1.06	1.4	D	
622-96-8	p-Ethyltoluene	1.06	0.57	D	
115-07-1	Propylene	1.06	0.18	U	
100-42-5	Styrene	1.06	0.45	U	
127-18-4	Tetrachloroethylene	1.06	0.72	U	
109-99-9	Tetrahydrofuran	1.06	8.8	D	
108-88-3	Toluene	1.06	13	D	
156-60-5	trans-1,2-Dichloroethylene	1.06	0.42	U	
10061-02-6	trans-1,3-Dichloropropylene	1.06	0.48	U	
79-01-6	Trichloroethylene	1.06	0.23	D	
75-69-4	Trichlorofluoromethane (Freon 11)	1.06	1.6	D	
108-05-4	Vinyl acetate	1.06	0.37	U	UJ
593-60-2	Vinyl bromide	1.06	0.46	U	
75-01-4	Vinyl Chloride	1.06	0.14	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Difluorobenzene	487258	13.799	522670	13.792	
ISTD: d5-Chlorobenzene	386245	19.06	434994	19.06	

* Values outside of QC limits

MKP 3/1/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23A0328-03 File ID: TQ223404.D

Sampled: 01/05/23 12:10 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 11:34

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30345 Sequence: S3A0926 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	3	2.1	U	
71-55-6	1,1,1-Trichloroethane	3	1.6	U	
79-34-5	1,1,2,2-Tetrachloroethane	3	2.1	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3	2.3	U	
79-00-5	1,1,2-Trichloroethane	3	1.6	U	
75-34-3	1,1-Dichloroethane	3	1.2	U	
75-35-4	1,1-Dichloroethylene	3	0.30	U	
120-82-1	1,2,4-Trichlorobenzene	3	2.2	U	UJ
95-63-6	1,2,4-Trimethylbenzene	3	1.5	U	
106-93-4	1,2-Dibromoethane	3	2.3	U	
95-50-1	1,2-Dichlorobenzene	3	1.8	U	
107-06-2	1,2-Dichloroethane	3	1.2	U	
78-87-5	1,2-Dichloropropane	3	1.4	U	
76-14-2	1,2-Dichlorotetrafluoroethane	3	5.7	D	
108-67-8	1,3,5-Trimethylbenzene	3	1.5	U	
106-99-0	1,3-Butadiene	3	2.0	U	
541-73-1	1,3-Dichlorobenzene	3	1.8	U	
142-28-9	1,3-Dichloropropane	3	1.4	U	
106-46-7	1,4-Dichlorobenzene	3	1.8	U	
123-91-1	1,4-Dioxane	3	2.2	U	
78-93-3	2-Butanone	3	23	D	
591-78-6	2-Hexanone	3	2.5	U	
107-05-1	3-Chloropropene	3	4.7	U	
108-10-1	4-Methyl-2-pentanone	3	1.2	U	
67-64-1	Acetone	3	66	D	
107-13-1	Acrylonitrile	3	0.65	U	
71-43-2	Benzene	3	1.1	D	
100-44-7	Benzyl chloride	3	1.6	U	
75-27-4	Bromodichloromethane	3	2.0	U	
75-25-2	Bromoform	3	3.1	U	
74-83-9	Bromomethane	3	1.2	U	
75-15-0	Carbon disulfide	3	0.93	U	
56-23-5	Carbon tetrachloride	3	0.47	U	
108-90-7	Chlorobenzene	3	1.4	U	
75-00-3	Chloroethane	3	0.79	U	
67-66-3	Chloroform	3	1.5	U	
74-87-3	Chloromethane	3	0.80	D	
156-59-2	cis-1,2-Dichloroethylene	3	0.30	U	
10061-01-5	cis-1,3-Dichloropropylene	3	1.4	U	
110-82-7	Cyclohexane	3	1.1	D	

MKP 3/1/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23A0328-03 File ID: TQ223404.D

Sampled: 01/05/23 12:10 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 11:34

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30345 Sequence: S3A0926 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	3	2.6	U	
75-71-8	Dichlorodifluoromethane	3	3.4	D	
141-78-6	Ethyl acetate	3	2.2	U	
100-41-4	Ethyl Benzene	3	1.3	D	
87-68-3	Hexachlorobutadiene	3	3.2	U	
67-63-0	Isopropanol	3	10	D	
80-62-6	Methyl Methacrylate	3	16	D	
1634-04-4	Methyl tert-butyl ether (MTBE)	3	1.1	U	
75-09-2	Methylene chloride	3	2.1	U	
142-82-5	n-Heptane	3	2.2	D	
110-54-3	n-Hexane	3	1.3	D	
95-47-6	o-Xylene	3	1.3	U	
179601-23-1	p- & m- Xylenes	3	2.6	D	
622-96-8	p-Ethyltoluene	3	1.5	U	
115-07-1	Propylene	3	0.52	U	
100-42-5	Styrene	3	1.3	U	
127-18-4	Tetrachloroethylene	3	2.0	U	
109-99-9	Tetrahydrofuran	3	86	D	
108-88-3	Toluene	3	390	D	
156-60-5	trans-1,2-Dichloroethylene	3	1.2	U	
10061-02-6	trans-1,3-Dichloropropylene	3	1.4	U	
79-01-6	Trichloroethylene	3	0.40	U	
75-69-4	Trichlorofluoromethane (Freon 11)	3	1.7	D	
108-05-4	Vinyl acetate	3	1.1	U	UJ
593-60-2	Vinyl bromide	3	1.3	U	
75-01-4	Vinyl Chloride	3	0.38	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Difluorobenzene	356885	13.799	522670	13.792	
ISTD: d5-Chlorobenzene	266726	19.06	434994	19.06	

* Values outside of QC limits

MKP 3/1/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23A0328-04 File ID: TQ223412.D

Sampled: 01/05/23 12:15 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 20:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30344 Sequence: S3A0925 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	3.38	2.3	U
71-55-6	1,1,1-Trichloroethane	3.38	1.8	U
79-34-5	1,1,2,2-Tetrachloroethane	3.38	2.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.38	2.6	U
79-00-5	1,1,2-Trichloroethane	3.38	1.8	U
75-34-3	1,1-Dichloroethane	3.38	1.4	U
75-35-4	1,1-Dichloroethylene	3.38	0.34	U
120-82-1	1,2,4-Trichlorobenzene	3.38	2.5	U
95-63-6	1,2,4-Trimethylbenzene	3.38	1.7	U
106-93-4	1,2-Dibromoethane	3.38	2.6	U
95-50-1	1,2-Dichlorobenzene	3.38	2.0	U
107-06-2	1,2-Dichloroethane	3.38	1.4	U
78-87-5	1,2-Dichloropropane	3.38	1.6	U
76-14-2	1,2-Dichlorotetrafluoroethane	3.38	2.4	D
108-67-8	1,3,5-Trimethylbenzene	3.38	1.7	U
106-99-0	1,3-Butadiene	3.38	2.2	U
541-73-1	1,3-Dichlorobenzene	3.38	2.0	U
142-28-9	1,3-Dichloropropane	3.38	1.6	U
106-46-7	1,4-Dichlorobenzene	3.38	2.0	U
123-91-1	1,4-Dioxane	3.38	2.4	U
78-93-3	2-Butanone	3.38	22	D
591-78-6	2-Hexanone	3.38	2.8	U
107-05-1	3-Chloropropene	3.38	5.3	U
108-10-1	4-Methyl-2-pentanone	3.38	1.4	U
67-64-1	Acetone	3.38	63	D
107-13-1	Acrylonitrile	3.38	0.73	U
71-43-2	Benzene	3.38	1.1	U
100-44-7	Benzyl chloride	3.38	1.7	U
75-27-4	Bromodichloromethane	3.38	2.3	U
75-25-2	Bromoform	3.38	3.5	U
74-83-9	Bromomethane	3.38	1.3	U
75-15-0	Carbon disulfide	3.38	1.1	U
56-23-5	Carbon tetrachloride	3.38	0.53	U
108-90-7	Chlorobenzene	3.38	1.6	U
75-00-3	Chloroethane	3.38	0.89	U
67-66-3	Chloroform	3.38	1.7	D
74-87-3	Chloromethane	3.38	1.1	D
156-59-2	cis-1,2-Dichloroethylene	3.38	0.34	U
10061-01-5	cis-1,3-Dichloropropylene	3.38	1.5	U
110-82-7	Cyclohexane	3.38	1.2	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23A0328-04 File ID: TQ223412.D

Sampled: 01/05/23 12:15 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 20:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30344 Sequence: S3A0925 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
124-48-1	Dibromochloromethane	3.38	2.9	U
75-71-8	Dichlorodifluoromethane	3.38	3.3	D
141-78-6	Ethyl acetate	3.38	2.4	U
100-41-4	Ethyl Benzene	3.38	1.5	U
87-68-3	Hexachlorobutadiene	3.38	3.6	U
67-63-0	Isopropanol	3.38	9.4	BD
80-62-6	Methyl Methacrylate	3.38	15	D
1634-04-4	Methyl tert-butyl ether (MTBE)	3.38	1.2	U
75-09-2	Methylene chloride	3.38	2.3	U
142-82-5	n-Heptane	3.38	2.1	D
110-54-3	n-Hexane	3.38	1.2	U
95-47-6	o-Xylene	3.38	1.5	U
179601-23-1	p- & m- Xylenes	3.38	2.9	U
622-96-8	p-Ethyltoluene	3.38	1.7	U
115-07-1	Propylene	3.38	0.58	U
100-42-5	Styrene	3.38	1.4	U
127-18-4	Tetrachloroethylene	3.38	3.9	D
109-99-9	Tetrahydrofuran	3.38	73	D
108-88-3	Toluene	3.38	360	D
156-60-5	trans-1,2-Dichloroethylene	3.38	1.3	U
10061-02-6	trans-1,3-Dichloropropylene	3.38	1.5	U
79-01-6	Trichloroethylene	3.38	0.45	U
75-69-4	Trichlorofluoromethane (Freon 11)	3.38	1.9	U
108-05-4	Vinyl acetate	3.38	1.2	U
593-60-2	Vinyl bromide	3.38	1.5	U
75-01-4	Vinyl Chloride	3.38	0.43	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Difluorobenzene	344591	13.805	377721	13.804	
ISTD: d5-Chlorobenzene	256996	19.06	316844	19.06	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23A0328-05 File ID: TQ223413.D

Sampled: 01/05/23 12:20 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 21:13

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30344 Sequence: S3A0925 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.7	3.9	U
71-55-6	1,1,1-Trichloroethane	5.7	3.1	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	3.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.7	4.4	U
79-00-5	1,1,2-Trichloroethane	5.7	3.1	U
75-34-3	1,1-Dichloroethane	5.7	2.3	U
75-35-4	1,1-Dichloroethylene	5.7	0.56	U
120-82-1	1,2,4-Trichlorobenzene	5.7	4.2	U
95-63-6	1,2,4-Trimethylbenzene	5.7	2.8	U
106-93-4	1,2-Dibromoethane	5.7	4.4	U
95-50-1	1,2-Dichlorobenzene	5.7	3.4	U
107-06-2	1,2-Dichloroethane	5.7	2.3	U
78-87-5	1,2-Dichloropropane	5.7	2.6	U
76-14-2	1,2-Dichlorotetrafluoroethane	5.7	4.0	U
108-67-8	1,3,5-Trimethylbenzene	5.7	2.8	U
106-99-0	1,3-Butadiene	5.7	3.8	U
541-73-1	1,3-Dichlorobenzene	5.7	3.4	U
142-28-9	1,3-Dichloropropane	5.7	2.6	U
106-46-7	1,4-Dichlorobenzene	5.7	3.4	U
123-91-1	1,4-Dioxane	5.7	4.1	U
78-93-3	2-Butanone	5.7	23	D
591-78-6	2-Hexanone	5.7	4.7	U
107-05-1	3-Chloropropene	5.7	8.9	U
108-10-1	4-Methyl-2-pentanone	5.7	2.3	U
67-64-1	Acetone	5.7	70	D
107-13-1	Acrylonitrile	5.7	1.2	U
71-43-2	Benzene	5.7	1.8	U
100-44-7	Benzyl chloride	5.7	2.9	U
75-27-4	Bromodichloromethane	5.7	3.8	U
75-25-2	Bromoform	5.7	5.9	U
74-83-9	Bromomethane	5.7	2.2	U
75-15-0	Carbon disulfide	5.7	1.8	U
56-23-5	Carbon tetrachloride	5.7	0.90	U
108-90-7	Chlorobenzene	5.7	2.6	U
75-00-3	Chloroethane	5.7	1.5	U
67-66-3	Chloroform	5.7	2.8	U
74-87-3	Chloromethane	5.7	1.2	U
156-59-2	cis-1,2-Dichloroethylene	5.7	0.56	U
10061-01-5	cis-1,3-Dichloropropylene	5.7	2.6	U
110-82-7	Cyclohexane	5.7	2.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23A0328-05	File ID:	TQ223413.D
Sampled:	01/05/23 12:20	Prepared:	01/09/23 12:00	Analyzed:	01/10/23 21:13
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BA30344	Sequence:	S3A0925	Calibration:	SL20033
Instrument:	TO15_AIR2				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
124-48-1	Dibromochloromethane	5.7	4.9	U
75-71-8	Dichlorodifluoromethane	5.7	2.8	D
141-78-6	Ethyl acetate	5.7	4.1	U
100-41-4	Ethyl Benzene	5.7	2.5	U
87-68-3	Hexachlorobutadiene	5.7	6.1	U
67-63-0	Isopropanol	5.7	18	BD
80-62-6	Methyl Methacrylate	5.7	19	D
1634-04-4	Methyl tert-butyl ether (MTBE)	5.7	2.1	U
75-09-2	Methylene chloride	5.7	4.0	U
142-82-5	n-Heptane	5.7	2.3	U
110-54-3	n-Hexane	5.7	2.0	U
95-47-6	o-Xylene	5.7	2.5	U
179601-23-1	p- & m- Xylenes	5.7	4.9	U
622-96-8	p-Ethyltoluene	5.7	2.8	U
115-07-1	Propylene	5.7	0.98	U
100-42-5	Styrene	5.7	2.4	U
127-18-4	Tetrachloroethylene	5.7	3.9	U
109-99-9	Tetrahydrofuran	5.7	74	D
108-88-3	Toluene	5.7	510	D
156-60-5	trans-1,2-Dichloroethylene	5.7	2.3	U
10061-02-6	trans-1,3-Dichloropropylene	5.7	2.6	U
79-01-6	Trichloroethylene	5.7	0.77	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.7	3.2	U
108-05-4	Vinyl acetate	5.7	2.0	U
593-60-2	Vinyl bromide	5.7	2.5	U
75-01-4	Vinyl Chloride	5.7	0.73	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Difluorobenzene	318749	13.798	377721	13.804	
ISTD: d5-Chlorobenzene	228620	19.06	316844	19.06	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23A0328-06 File ID: TQ223414.D

Sampled: 01/05/23 12:45 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 22:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30344 Sequence: S3A0925 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.6	1.1	U
71-55-6	1,1,1-Trichloroethane	1.6	0.87	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	1.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.6	1.2	U
79-00-5	1,1,2-Trichloroethane	1.6	0.87	U
75-34-3	1,1-Dichloroethane	1.6	0.65	U
75-35-4	1,1-Dichloroethylene	1.6	0.16	U
120-82-1	1,2,4-Trichlorobenzene	1.6	1.2	U
95-63-6	1,2,4-Trimethylbenzene	1.6	0.79	U
106-93-4	1,2-Dibromoethane	1.6	1.2	U
95-50-1	1,2-Dichlorobenzene	1.6	0.96	U
107-06-2	1,2-Dichloroethane	1.6	0.65	U
78-87-5	1,2-Dichloropropane	1.6	0.74	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.6	2.7	D
108-67-8	1,3,5-Trimethylbenzene	1.6	0.79	U
106-99-0	1,3-Butadiene	1.6	1.1	U
541-73-1	1,3-Dichlorobenzene	1.6	0.96	U
142-28-9	1,3-Dichloropropane	1.6	0.74	U
106-46-7	1,4-Dichlorobenzene	1.6	0.96	U
123-91-1	1,4-Dioxane	1.6	1.2	U
78-93-3	2-Butanone	1.6	1.9	D
591-78-6	2-Hexanone	1.6	1.3	U
107-05-1	3-Chloropropene	1.6	2.5	U
108-10-1	4-Methyl-2-pentanone	1.6	0.66	U
67-64-1	Acetone	1.6	7.6	D
107-13-1	Acrylonitrile	1.6	0.35	U
71-43-2	Benzene	1.6	0.56	D
100-44-7	Benzyl chloride	1.6	0.83	U
75-27-4	Bromodichloromethane	1.6	1.1	U
75-25-2	Bromoform	1.6	1.7	U
74-83-9	Bromomethane	1.6	0.62	U
75-15-0	Carbon disulfide	1.6	0.50	U
56-23-5	Carbon tetrachloride	1.6	0.25	U
108-90-7	Chlorobenzene	1.6	0.74	U
75-00-3	Chloroethane	1.6	0.42	U
67-66-3	Chloroform	1.6	0.78	U
74-87-3	Chloromethane	1.6	1.2	D
156-59-2	cis-1,2-Dichloroethylene	1.6	0.16	U
10061-01-5	cis-1,3-Dichloropropylene	1.6	0.73	U
110-82-7	Cyclohexane	1.6	0.55	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23A0328-06 File ID: TQ223414.D

Sampled: 01/05/23 12:45 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 22:16

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30344 Sequence: S3A0925 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
124-48-1	Dibromochloromethane	1.6	1.4	U
75-71-8	Dichlorodifluoromethane	1.6	7.1	D
141-78-6	Ethyl acetate	1.6	1.2	U
100-41-4	Ethyl Benzene	1.6	0.70	U
87-68-3	Hexachlorobutadiene	1.6	1.7	U
67-63-0	Isopropanol	1.6	6.9	BD
80-62-6	Methyl Methacrylate	1.6	0.66	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1.6	0.58	U
75-09-2	Methylene chloride	1.6	2.0	D
142-82-5	n-Heptane	1.6	0.66	U
110-54-3	n-Hexane	1.6	0.57	U
95-47-6	o-Xylene	1.6	0.70	U
179601-23-1	p- & m- Xylenes	1.6	1.4	U
622-96-8	p-Ethyltoluene	1.6	0.79	U
115-07-1	Propylene	1.6	0.28	U
100-42-5	Styrene	1.6	0.68	U
127-18-4	Tetrachloroethylene	1.6	1.1	U
109-99-9	Tetrahydrofuran	1.6	6.8	D
108-88-3	Toluene	1.6	1.6	D
156-60-5	trans-1,2-Dichloroethylene	1.6	0.64	U
10061-02-6	trans-1,3-Dichloropropylene	1.6	0.73	U
79-01-6	Trichloroethylene	1.6	0.22	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.6	1.5	D
108-05-4	Vinyl acetate	1.6	0.56	U
593-60-2	Vinyl bromide	1.6	0.70	U
75-01-4	Vinyl Chloride	1.6	0.20	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Difluorobenzene	294855	13.792	377721	13.804	
ISTD: d5-Chlorobenzene	222155	19.054	316844	19.06	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-1R

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 23A0328-07 File ID: TQ223415.D

Sampled: 01/05/23 09:00 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 23:19

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30344 Sequence: S3A0925 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.83	1.3	U
71-55-6	1,1,1-Trichloroethane	1.83	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.83	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.83	1.4	U
79-00-5	1,1,2-Trichloroethane	1.83	1.0	U
75-34-3	1,1-Dichloroethane	1.83	0.74	U
75-35-4	1,1-Dichloroethylene	1.83	0.18	U
120-82-1	1,2,4-Trichlorobenzene	1.83	1.4	U
95-63-6	1,2,4-Trimethylbenzene	1.83	2.2	D
106-93-4	1,2-Dibromoethane	1.83	1.4	U
95-50-1	1,2-Dichlorobenzene	1.83	1.1	U
107-06-2	1,2-Dichloroethane	1.83	0.74	U
78-87-5	1,2-Dichloropropane	1.83	0.84	U
76-14-2	1,2-Dichlorotetrafluoroethane	1.83	390	D
108-67-8	1,3,5-Trimethylbenzene	1.83	0.90	U
106-99-0	1,3-Butadiene	1.83	2.5	D
541-73-1	1,3-Dichlorobenzene	1.83	1.1	U
142-28-9	1,3-Dichloropropane	1.83	0.84	U
106-46-7	1,4-Dichlorobenzene	1.83	1.1	U
123-91-1	1,4-Dioxane	1.83	1.3	U
78-93-3	2-Butanone	1.83	16	D
591-78-6	2-Hexanone	1.83	1.6	D
107-05-1	3-Chloropropene	1.83	2.9	U
108-10-1	4-Methyl-2-pentanone	1.83	0.75	U
67-64-1	Acetone	1.83	27	D
107-13-1	Acrylonitrile	1.83	0.40	U
71-43-2	Benzene	1.83	1.7	D
100-44-7	Benzyl chloride	1.83	0.95	U
75-27-4	Bromodichloromethane	1.83	1.2	U
75-25-2	Bromoform	1.83	1.9	U
74-83-9	Bromomethane	1.83	0.71	U
75-15-0	Carbon disulfide	1.83	3.0	D
56-23-5	Carbon tetrachloride	1.83	0.29	U
108-90-7	Chlorobenzene	1.83	0.84	U
75-00-3	Chloroethane	1.83	0.48	U
67-66-3	Chloroform	1.83	0.89	U
74-87-3	Chloromethane	1.83	0.38	U
156-59-2	cis-1,2-Dichloroethylene	1.83	0.18	U
10061-01-5	cis-1,3-Dichloropropylene	1.83	0.83	U
110-82-7	Cyclohexane	1.83	32	D

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SV-1R

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0328

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Soil Vapor Laboratory ID: 23A0328-07 File ID: TQ223415.D

Sampled: 01/05/23 09:00 Prepared: 01/09/23 12:00 Analyzed: 01/10/23 23:19

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BA30344 Sequence: S3A0925 Calibration: SL20033 Instrument: TO15_AIR2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q
124-48-1	Dibromochloromethane	1.83	1.6	U
75-71-8	Dichlorodifluoromethane	1.83	31	D
141-78-6	Ethyl acetate	1.83	1.3	U
100-41-4	Ethyl Benzene	1.83	1.6	D
87-68-3	Hexachlorobutadiene	1.83	1.9	U
67-63-0	Isopropanol	1.83	7.7	BD
80-62-6	Methyl Methacrylate	1.83	0.75	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1.83	0.66	U
75-09-2	Methylene chloride	1.83	1.3	U
142-82-5	n-Heptane	1.83	3.4	D
110-54-3	n-Hexane	1.83	10	D
95-47-6	o-Xylene	1.83	2.0	D
179601-23-1	p- & m- Xylenes	1.83	3.7	D
622-96-8	p-Ethyltoluene	1.83	1.4	D
115-07-1	Propylene	1.83	28	D
100-42-5	Styrene	1.83	0.78	U
127-18-4	Tetrachloroethylene	1.83	9.8	D
109-99-9	Tetrahydrofuran	1.83	1.1	U
108-88-3	Toluene	1.83	3.7	D
156-60-5	trans-1,2-Dichloroethylene	1.83	0.72	U
10061-02-6	trans-1,3-Dichloropropylene	1.83	0.83	U
79-01-6	Trichloroethylene	1.83	0.25	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.83	1.4	D
108-05-4	Vinyl acetate	1.83	0.64	U
593-60-2	Vinyl bromide	1.83	0.80	U
75-01-4	Vinyl Chloride	1.83	0.23	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Difluorobenzene	318284	13.805	377721	13.804	
ISTD: d5-Chlorobenzene	278554	19.06	316844	19.06	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0328

CLASS: GC

METHOD: GC/FID

DATA PACKAGE COVER PAGE

GC/FID

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0328
Client: DT Consulting Services
Project: C314132 WIllow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SG-11	23A0328-01
IA-11	23A0328-02
SSD-1	23A0328-03
SSD-2	23A0328-04
SSD-3	23A0328-05
SSD-6	23A0328-06
SV-1R	23A0328-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 2/10/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SG-11

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	23A0328-01	File ID:	GC620114.D
Sampled:	01/05/23 09:10	Prepared:	01/14/23 10:25	Analyzed:	01/14/23 11:19
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30672	Sequence:	S3A1403	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	179	107000000	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

IA-11

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Indoor Ambient Air	Laboratory ID:	23A0328-02	File ID:	GC620110.D
Sampled:	01/05/23 09:17	Prepared:	01/14/23 10:25	Analyzed:	01/14/23 10:59
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30672	Sequence:	S3A1403	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.99	6110	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SSD-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23A0328-03	File ID:	GC620112.D
Sampled:	01/05/23 12:10	Prepared:	01/14/23 10:25	Analyzed:	01/14/23 11:11
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30672	Sequence:	S3A1403	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.5	228	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SSD-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23A0328-04	File ID:	GC620119.D
Sampled:	01/05/23 12:15	Prepared:	01/16/23 12:07	Analyzed:	01/16/23 13:57
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30724	Sequence:	S3A1626	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.69	32.6	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SSD-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23A0328-05	File ID:	GC620120.D
Sampled:	01/05/23 12:20	Prepared:	01/16/23 12:07	Analyzed:	01/16/23 14:01
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30724	Sequence:	S3A1626	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.42	64.1	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SSD-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23A0328-06	File ID:	GC620121.D
Sampled:	01/05/23 12:45	Prepared:	01/16/23 12:07	Analyzed:	01/16/23 14:06
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30724	Sequence:	S3A1626	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.6	137	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET
GC/FID

SV-1R

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Soil Vapor	Laboratory ID:	23A0328-07	File ID:	GC620122.D
Sampled:	01/05/23 09:00	Prepared:	01/16/23 12:07	Analyzed:	01/16/23 14:11
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BA30724	Sequence:	S3A1626	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q	
74-82-8	Methane	1.83	7710	D	J

* Values outside of QC limits

MKP 3/1/2023

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0328
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air		
Batch:	BA30345	Laboratory ID:	BA30345-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #		QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.28	92.8		70 - 130
1,1,1-Trichloroethane	10.0	12.2	122		70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.0	120		70 - 130
1,1,2-Trichloroethane	10.0	8.79	87.9		70 - 130
1,1-Dichloroethane	10.0	11.2	112		70 - 130
1,1-Dichloroethylene	10.0	12.0	120		70 - 130
1,2,4-Trichlorobenzene	10.0	5.99	59.9	*	70 - 130
1,2,4-Trimethylbenzene	10.0	8.47	84.7		70 - 130
1,2-Dibromoethane	10.0	9.02	90.2		70 - 130
1,2-Dichlorobenzene	10.0	8.74	87.4		70 - 130
1,2-Dichloroethane	10.0	11.5	115		70 - 130
1,2-Dichloropropane	10.0	10.3	103		70 - 130
1,2-Dichlorotetrafluoroethane	10.0	11.4	114		70 - 130
1,3,5-Trimethylbenzene	10.0	7.89	78.9		70 - 130
1,3-Butadiene	10.0	10.8	108		70 - 130
1,3-Dichlorobenzene	10.0	9.18	91.8		70 - 130
1,3-Dichloropropane	10.0	8.51	85.1		70 - 130
1,4-Dichlorobenzene	10.0	8.93	89.3		70 - 130
1,4-Dioxane	10.0	10.0	100		70 - 130
2-Butanone	10.0	10.4	104		70 - 130
2-Hexanone	10.0	7.89	78.9		70 - 130
3-Chloropropene	10.0	8.86	88.6		70 - 130
4-Methyl-2-pentanone	10.0	7.88	78.8		70 - 130
Acetone	10.0	11.4	114		70 - 130
Acrylonitrile	10.0	9.13	91.3		70 - 130
Benzene	10.0	11.0	110		70 - 130
Benzyl chloride	10.0	8.91	89.1		70 - 130
Bromodichloromethane	10.0	9.56	95.6		70 - 130
Bromoform	10.0	9.58	95.8		70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0328
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air		
Batch:	BA30345	Laboratory ID:	BA30345-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	13.7	137 *	70 - 130
Carbon disulfide	10.0	9.35	93.5	70 - 130
Carbon tetrachloride	10.0	12.2	122	70 - 130
Chlorobenzene	10.0	10.6	106	70 - 130
Chloroethane	10.0	12.1	121	70 - 130
Chloroform	10.0	9.93	99.3	70 - 130
Chloromethane	10.0	9.35	93.5	70 - 130
cis-1,2-Dichloroethylene	10.0	10.7	107	70 - 130
cis-1,3-Dichloropropylene	10.0	9.24	92.4	70 - 130
Cyclohexane	10.0	11.0	110	70 - 130
Dibromochloromethane	10.0	9.97	99.7	70 - 130
Dichlorodifluoromethane	10.0	11.5	115	70 - 130
Ethyl acetate	10.0	8.54	85.4	70 - 130
Ethyl Benzene	10.0	10.4	104	70 - 130
Hexachlorobutadiene	10.0	8.14	81.4	70 - 130
Isopropanol	10.0	11.4	114	70 - 130
Methyl Methacrylate	10.0	8.06	80.6	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	9.66	96.6	70 - 130
Methylene chloride	10.0	11.1	111	70 - 130
n-Heptane	10.0	8.72	87.2	70 - 130
n-Hexane	10.0	11.1	111	70 - 130
o-Xylene	10.0	9.83	98.3	70 - 130
p- & m- Xylenes	20.0	19.4	96.8	70 - 130
p-Ethyltoluene	10.0	8.43	84.3	70 - 130
Propylene	10.0	10.7	107	70 - 130
Styrene	10.0	8.78	87.8	70 - 130
Tetrachloroethylene	10.0	10.5	105	70 - 130
Tetrahydrofuran	10.0	10.5	105	70 - 130
Toluene	10.0	8.60	86.0	70 - 130
trans-1,2-Dichloroethylene	10.0	11.2	112	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0328
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air		
Batch:	BA30345	Laboratory ID:	BA30345-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
trans-1,3-Dichloropropylene	10.0	9.03	90.3	70 - 130
Trichloroethylene	10.0	10.5	105	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	12.7	127	70 - 130
Vinyl acetate	10.0	6.82	68.2 *	70 - 130
Vinyl bromide	10.0	12.4	124	70 - 130
Vinyl Chloride	10.0	11.0	110	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30344-BLK1	File ID:	TQ223411.D
Prepared:	01/10/23 14:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/10/23 18:31	Instrument:	TO15_AIR2		
Batch:	BA30344	Sequence:	S3A0925	Calibration:	SL20033

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.69	U
71-55-6	1,1,1-Trichloroethane	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.77	U
79-00-5	1,1,2-Trichloroethane	0.55	U
75-34-3	1,1-Dichloroethane	0.40	U
75-35-4	1,1-Dichloroethylene	0.099	U
120-82-1	1,2,4-Trichlorobenzene	0.74	U
95-63-6	1,2,4-Trimethylbenzene	0.49	U
106-93-4	1,2-Dibromoethane	0.77	U
95-50-1	1,2-Dichlorobenzene	0.60	U
107-06-2	1,2-Dichloroethane	0.40	U
78-87-5	1,2-Dichloropropane	0.46	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.70	U
108-67-8	1,3,5-Trimethylbenzene	0.49	U
106-99-0	1,3-Butadiene	0.66	U
541-73-1	1,3-Dichlorobenzene	0.60	U
142-28-9	1,3-Dichloropropane	0.46	U
106-46-7	1,4-Dichlorobenzene	0.60	U
123-91-1	1,4-Dioxane	0.72	U
78-93-3	2-Butanone	0.29	U
591-78-6	2-Hexanone	0.82	U
107-05-1	3-Chloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	0.41	U
67-64-1	Acetone	0.48	J
107-13-1	Acrylonitrile	0.22	U
71-43-2	Benzene	0.32	U
100-44-7	Benzyl chloride	0.52	U
75-27-4	Bromodichloromethane	0.67	U
75-25-2	Bromoform	1.0	U

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30344-BLK1	File ID:	TQ223411.D
Prepared:	01/10/23 14:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/10/23 18:31	Instrument:	TO15_AIR2		
Batch:	BA30344	Sequence:	S3A0925	Calibration:	SL20033

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.66	
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30345-BLK1	File ID:	TQ223393.D
Prepared:	01/09/23 12:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/09/23 18:05	Instrument:	TO15_AIR2		
Batch:	BA30345	Sequence:	S3A0926	Calibration:	SL20033

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.69	U
71-55-6	1,1,1-Trichloroethane	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.77	U
79-00-5	1,1,2-Trichloroethane	0.55	U
75-34-3	1,1-Dichloroethane	0.40	U
75-35-4	1,1-Dichloroethylene	0.099	U
120-82-1	1,2,4-Trichlorobenzene	0.74	U
95-63-6	1,2,4-Trimethylbenzene	0.49	U
106-93-4	1,2-Dibromoethane	0.77	U
95-50-1	1,2-Dichlorobenzene	0.60	U
107-06-2	1,2-Dichloroethane	0.40	U
78-87-5	1,2-Dichloropropane	0.46	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.70	U
108-67-8	1,3,5-Trimethylbenzene	0.49	U
106-99-0	1,3-Butadiene	0.66	U
541-73-1	1,3-Dichlorobenzene	0.60	U
142-28-9	1,3-Dichloropropane	0.46	U
106-46-7	1,4-Dichlorobenzene	0.60	U
123-91-1	1,4-Dioxane	0.72	U
78-93-3	2-Butanone	0.29	U
591-78-6	2-Hexanone	0.82	U
107-05-1	3-Chloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	0.41	U
67-64-1	Acetone	0.48	J
107-13-1	Acrylonitrile	0.22	U
71-43-2	Benzene	0.32	U
100-44-7	Benzyl chloride	0.52	U
75-27-4	Bromodichloromethane	0.67	U
75-25-2	Bromoform	1.0	U

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0328
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BA30345-BLK1	File ID:	TQ223393.D
Prepared:	01/09/23 12:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	01/09/23 18:05	Instrument:	TO15_AIR2		
Batch:	BA30345	Sequence:	S3A0926	Calibration:	SL20033

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	J
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0328
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Instrument ID:	TO15_AIR2	Calibration:	SL20033
Lab File ID:	TQ223361.D	Calibration Date:	12/08/22 03:23
Sequence:	S3A0926	Injection Date:	01/09/23
Lab Sample ID:	S3A0926-CCV1	Injection Time:	14:45

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	8.26	0.5603469	0.4626202		-17.4	30	
1,1,1-Trichloroethane	A	10.0	11.0	1.125676	1.050636		10.3	30	
1,1,2,2-Tetrachloroethane	A	10.0	9.61	1.168251	0.8780075		-3.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.1	1.29077	1.180868		11.2	30	
1,1,2-Trichloroethane	A	10.0	8.11	0.4555278	0.3696061		-18.9	30	
1,1-Dichloroethane	A	10.0	10.8	1.367265	1.204729		8.0	30	
1,1-Dichloroethylene	A	10.0	11.4	1.88071	1.033606		14.1	30	
1,2,4-Trichlorobenzene	A	10.0	5.77	0.2052492	0.118735		-42.3	30	*
1,2,4-Trimethylbenzene	A	10.0	7.96	1.438621	1.145174		-20.4	30	
1,2-Dibromoethane	A	10.0	8.44	0.5969841	0.5038399		-15.6	30	
1,2-Dichlorobenzene	A	10.0	8.37	0.8251087	0.6906348		-16.3	30	
1,2-Dichloroethane	A	10.0	10.8	0.8450808	0.755955		7.9	30	
1,2-Dichloropropane	A	10.0	9.47	0.492807	0.3760709		-5.3	30	
1,2-Dichlorotetrafluoroethane	A	10.0	10.4	1.984629	1.736652		3.8	30	
1,3,5-Trimethylbenzene	A	10.0	7.43	1.519604	1.12865		-25.7	30	
1,3-Butadiene	A	10.0	10.4	0.7814433	0.660069		3.9	30	
1,3-Dichlorobenzene	A	10.0	8.45	0.8144122	0.6885428		-15.5	30	
1,3-Dichloropropane	A	10.0	7.99	0.6433004	0.5138921		-20.1	30	
1,4-Dichlorobenzene	A	10.0	8.38	0.8114399	0.6796071		-16.2	30	
1,4-Dioxane	A	10.0	9.31	0.2405894	0.1899592		-6.9	30	
2-Butanone	A	10.0	9.76	2.119504	1.712479		-2.4	30	
2-Hexanone	A	10.0	7.62	1.100708	0.8391815		-23.8	30	
3-Chloropropene	A	10.0	8.08	1.170188	0.9455411		-19.2	30	
4-Methyl-2-pentanone	A	10.0	7.59	1.23598	0.9378327		-24.1	30	
Acetone	A	10.0	10.7	1.594225	1.22421		7.0	30	
Acrylonitrile	A	10.0	8.39	0.6716149	0.5632896		-16.1	30	
Benzene	A	10.0	10.2	2.365618	1.96833		1.8	30	
Benzyl chloride	A	10.0	8.23	0.814674	0.7549483		-17.7	30	
Bromodichloromethane	A	10.0	8.62	0.5946176	0.5123768		-13.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0328
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Instrument ID:	TO15_AIR2	Calibration:	SL20033
Lab File ID:	TQ223361.D	Calibration Date:	12/08/22 03:23
Sequence:	S3A0926	Injection Date:	01/09/23
Lab Sample ID:	S3A0926-CCV1	Injection Time:	14:45

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Toluene	A	10.0	8.11	1.355596	1.099889		-18.9	30	
trans-1,2-Dichloroethylene	A	10.0	10.7	1.040156	0.9141373		6.7	30	
trans-1,3-Dichloropropylene	A	10.0	8.12	0.4078866	0.3312759		-18.8	30	
Trichloroethylene	A	10.0	9.78	0.6955447	0.3754262		-2.2	30	
Trichlorofluoromethane (Freon 11)	A	10.0	11.8	1.287516	1.215671		18.1	30	
Vinyl acetate	A	10.0	6.23	2.274968	1.418405		-37.7	30	*
Vinyl bromide	A	10.0	11.2	0.5791024	0.544926		12.3	30	
Vinyl Chloride	A	10.0	10.1	1.492016	0.7726729		1.0	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

DUPLICATES

GC/FID

SV-1R

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: DT Consulting Services
Matrix: Air
Batch: BA30724
Preparation: PREP for GASES by GC
Source Sample Name: SV-1R

SDG: 23A0328
Project: C314132 WIllow Brook Rentals LLC
Laboratory ID: BA30724-DUP1
Lab Source ID: 23A0328-07
Initial/Final: 40 mL / 40 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ppmv)	C	DUPLICATE CONCENTRATION (ppmv)	C	RPD %	Q	METHOD
Methane	25	7710		11600		39.9	*	GC/FID

* Values outside of QC limits

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals LLC
10-14 Tucker Dr.
Poughkeepsie, NY
Project # C314132

SDG: 23A0356
8 Water Samples and 1 Field Blank

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 23A0356 – Willow Brook Rentals LLC

The data associated with this Sample Delivery Group (SDG) 23A0356, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/7/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals LLC 10-14 Tucker Dr., Poughkeepsie, NY Project #: C314132
SAMPLING DATE:	January 06, 2023
SAMPLE TYPE:	8 water samples and 1 field blank
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	23A0356

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 8 water samples and 1 field blank collected on January 06, 2023. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, PFASs, Pesticides, PCBs, Metals, and TCN.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 23A0356. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-11. These tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 23A0356, nine samples were analyzed and results were reported for 1913 analytes. Thirty-seven results were rejected. Even though some results were flagged with a "J" as estimated, all other results (98.1 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	1,4-Dioxane	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect, they are rejected
MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	2-Butanone 2-Hexanone	R non-detects J detects	ICAL RF < 0.10	Since the results are non-detect (except MW-2 for 2-Butanone), they are rejected
MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	Bromomethane Chloromethane Cyclohexane Dichlorodifluoromethane Iodomethane TAA TBA Vinyl chloride	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit and/or LCS < QC limits	Data are estimated

Table 6-2 SVOCs – Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	Caprolactum	R non-detects J detects	LCS rec < 0 %	Since the results are non-detect, they are rejected
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	2,4-Dintrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Nitroaniline 2-Nitrophenol 3-Nitroaniline 4,6-Dinitro-2-methylphenol 4-Nitroaniline	J detects UJ non-detects	ICAL % RSD and/or ICV % D and/or CCV % D > QC limits.	Data are estimated

Table 6-3 SVOCs - SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	N-Nitrosodimethylamine	R non-detects J detects	LCS rec < 0 %	Since the results are non-detect, they are rejected
MW-1 MW-3 MW-6 MW-7	Bis-(2-ethylhexyl)phthalate	J detects	Detected in method blank	Data are estimated
MW-4 MW-5 MW-1 Dup	Bis-(2-ethylhexyl)phthalate	CRQL-U	Detected in method blank	Data changed to non-detect
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	Hexachloroethane	J detects UJ non-detects	ICV % D > QC limits	Data are estimated

Table 6-4 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-5	N-MeFOSA N-MeFOSE	J detects UJ non-detect	Surr rec < QC limit	Data are estimated
Field Blank	PFBA N-MeFOSA N-MeFOSE	J detects UJ non-detect	Surr rec < QC limit	Data are estimated
MW-6	PFHpA PFHxS PFOA	J detects	Dup RPD > QC limit	Data are estimated
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup Field Blank	FHpPA FPePA FPrPA	J detects UJ non-detects	LCS rec < QC limit	Data are estimated
MW-4 MW-1 Dup	N-EtFOSA	CRQL-U	Detected in FB	Data changed to non-detect
MW-1	FOSA	J detects UJ non-detects	IS area < QC limit	Data are estimated

MW-5	FOSA N-EtFOSE N-MeFOSE	J detects UJ non-detects	IS area < QC limit	Data are estimated
MW-6	FOSA	J detects UJ non-detects	IS area < QC limit	Data are estimated
Field Blank	PFPeA N-EtFOSE N-MeFOSE N-MeFOSA	J detects UJ non-detects	IS area < QC limit	Data are estimated
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup Field Blank	PFHxS NFDHA N-MeFOSA N-EtFOSA	J detects UJ non-detects	CCV % D > QC limit	Data are estimated

Table 6-6 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-7 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-8 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	Al	J- detects UJ non-detects	LCS rec < QC limit	Data are biased low
MW-1 Dup	K	J- detects UJ non-detects	MS rec < QC limit and Serial dilution > 15 %	Data are biased low
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	Al, Ba, Ca, Cr, Cu, Mg, Mn, K, Ag, Na, and V	J- detects UJ non-detects	CCV < QC limit	Data are biased low

Table 6-9 ICP/MS Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-1 MW-3 MW-4 MW-5 MW-6 MW-7 MW-1 Dup	Se	J- detects UJ non-detects	CCV > QC limit and Interference check < QC limit and CRDL Std > QC limit	Data are biased low

Table 6-10 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-11 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 02/15/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 23A0356

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

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

Report Date: 02/15/2023
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 23A0356

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 06, 2023 and listed below. The project was identified as your project: **C314132 Willow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23A0356-01	MW-1	Water	01/05/2023	01/06/2023
23A0356-02	MW-2	Water	01/05/2023	01/06/2023
23A0356-03	MW-3	Water	01/05/2023	01/06/2023
23A0356-04	MW-4	Water	01/05/2023	01/06/2023
23A0356-05	MW-5	Water	01/05/2023	01/06/2023
23A0356-06	MW-6	Water	01/05/2023	01/06/2023
23A0356-07	MW-7	Water	01/05/2023	01/06/2023
23A0356-08	MW-1 Dup	Water	01/05/2023	01/06/2023
23A0356-10	Field Blank	Water	01/05/2023	01/06/2023

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 23A0356

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same	C314132	RUSH - Next Day ☐
Address:	Address:	Address:		RUSH - Two Day ☐
Phone.:	Phone.:	Phone.:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Three Day ☐
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day ☐
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) ☒

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

Deborah Thompson
Deborah Thompson
Samples Collected by: (print AND sign your name)

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

Samples From: New York ☒; New Jersey ☐; Connecticut ☐; Pennsylvania ☐; Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	1/5/23 0920 am	8260, 8270, TAL Metals,	(3)40ml
MW-2 *		1045 am	pesticides / PCBs, PFAs (1633)	(4)1L
MW-3		1132 am	cyanide + 1,4 dioxane	(3)250ml
MW-4		1215 pm		
MW-5		130 pm		
MW-6		210 pm		
MW-7		300 pm		
MW-1 Dup.		415 pm		
Trip Blank	O	420 pm		(3)40ml
Field Blank	I	430 pm	PFAs	(3)250

Comments: * MW-2 VOCs (8260) only. Limited sample quantity.

Samples iced/chilled at time of lab pickup? circle (Yes) or No

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

Special Instruction: Field Filtered ☐ Lab to Filter ☐

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	1/6/23	Client York	1-6-23 9:25	Client York	1-6-23 1405
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlackman	1/6/23 1405 3.4 Degrees C

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York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: VOA

METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-2	23A0356-02
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 2/14/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-01 File ID: QV6247837.D

Sampled: 01/05/23 09:20 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 20:01

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.360	J	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	~~0.500~~	U	R
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	R
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	16.5		
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.530		
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-01 File ID: QV6247837.D

Sampled: 01/05/23 09:20 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 20:01

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	2.56		J
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-01 | File ID: QV6247837.D

Sampled: 01/05/23 09:20 | Prepared: 01/11/23 06:19 | Analyzed: 01/11/23 20:01

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BA30520 | Sequence: S3A1404 | Calibration: SA30003 | Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	UJ
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.80	98.0	69 - 130	
SURR: Toluene-d8	10.0	9.54	95.4	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.56	95.6	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	266570	5.73	302322	5.73	
ISTD: Chlorobenzene-d5	981583	8.763	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	392839	11.743	457597	11.746	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-02 File ID: QV6247839.D

Sampled: 01/05/23 10:45 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 20:55

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.660		
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.290	J	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	1.40		
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	3.86		J
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	R
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	39.8		
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	7.13		
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-02 File ID: QV6247839.D

Sampled: 01/05/23 10:45 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 20:55

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	83.9		
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	1.60		
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	0.680	J	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	2.35		
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-2

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-02 | File ID: QV6247839.D

Sampled: 01/05/23 10:45 | Prepared: 01/11/23 06:19 | Analyzed: 01/11/23 20:55

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BA30520 | Sequence: S3A1404 | Calibration: SA30003 | Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	UJ
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.1	101	69 - 130	
SURR: Toluene-d8	10.0	9.53	95.3	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.63	96.3	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	256808	5.728	302322	5.73	
ISTD: Chlorobenzene-d5	943757	8.763	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	377501	11.74	457597	11.746	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: QV6247841.D

Sampled: 01/05/23 11:32 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 21:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	1.83		
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	1.67		
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.440	J	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	7.31		
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	~~0.500~~	U	R
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	R
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.26		
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.820		
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: QV6247841.D

Sampled: 01/05/23 11:32 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 21:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	92.6		
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.980		
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	1.69		
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.310	J	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.360	J	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	1.36		
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: QV6247841.D

Sampled: 01/05/23 11:32 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 21:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.480	J
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.2	102	69 - 130	
SURR: Toluene-d8	10.0	9.50	95.0	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.51	95.1	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	245076	5.733	302322	5.73	
ISTD: Chlorobenzene-d5	903733	8.766	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	366297	11.745	457597	11.746	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: QV6247843.D

Sampled: 01/05/23 12:15 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 22:45

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	1.66		
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.400	J	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	2.51		
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	~~0.500~~	U	R
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	R
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.33		
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: QV6247843.D

Sampled: 01/05/23 12:15 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 22:45

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	35.9		
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.300	J	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	0.580	J	
105-05-5	p-Diethylbenzene	1	0.350	J	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	0.850		
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-04 | File ID: QV6247843.D

Sampled: 01/05/23 12:15 | Prepared: 01/11/23 06:19 | Analyzed: 01/11/23 22:45

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BA30520 | Sequence: S3A1404 | Calibration: SA30003 | Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	UJ
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.3	103	69 - 130	
SURR: Toluene-d8	10.0	9.50	95.0	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.40	94.0	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	234816	5.733	302322	5.73	
ISTD: Chlorobenzene-d5	865393	8.766	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	355038	11.745	457597	11.746	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-05 File ID: QV6247845.D

Sampled: 01/05/23 13:30 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 23:40

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	~~0.500~~	U	R
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	R
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-05 File ID: QV6247845.D

Sampled: 01/05/23 13:30 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 23:40

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-05 File ID: QV6247845.D

Sampled: 01/05/23 13:30 Prepared: 01/11/23 06:19 Analyzed: 01/11/23 23:40

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	UJ
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
SURR: Toluene-d8	10.0	9.65	96.5	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.46	94.6	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	217961	5.733	302322	5.73	
ISTD: Chlorobenzene-d5	801202	8.766	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	325164	11.746	457597	11.746	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-06 File ID: QV6247847.D

Sampled: 01/05/23 14:10 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 00:36

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	~~0.500~~	U	R
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	R
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.630		
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-06 File ID: QV6247847.D

Sampled: 01/05/23 14:10 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 00:36

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	4.14		
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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EPA 8260C

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-06 File ID: QV6247847.D

Sampled: 01/05/23 14:10 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 00:36

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	UJ
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	
SURR: Toluene-d8	10.0	9.51	95.1	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.48	94.8	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	206827	5.73	302322	5.73	
ISTD: Chlorobenzene-d5	757576	8.766	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	302718	11.743	457597	11.746	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: QV6247849.D

Sampled: 01/05/23 15:00 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 01:31

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	~~0.500~~	U	R
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	R
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: QV6247849.D

Sampled: 01/05/23 15:00 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 01:31

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.420	J	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	1.12		
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-07 | File ID: QV6247849.D

Sampled: 01/05/23 15:00 | Prepared: 01/11/23 06:19 | Analyzed: 01/12/23 01:31

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BA30520 | Sequence: S3A1404 | Calibration: SA30003 | Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	UJ
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	
SURR: Toluene-d8	10.0	9.61	96.1	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.37	93.7	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	187546	5.733	302322	5.73	
ISTD: Chlorobenzene-d5	684851	8.768	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	278097	11.745	457597	11.746	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: QV6247851.D

Sampled: 01/05/23 16:15 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 02:26

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.720		
123-91-1	1,4-Dioxane	1	~~80.0~~	U	UJ
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	~~0.500~~	U	UJ
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	~~0.500~~	U	UJ
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	19.1		
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.620		
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: QV6247851.D

Sampled: 01/05/23 16:15 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 02:26

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	4.96		J
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	UJ
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: QV6247851.D

Sampled: 01/05/23 16:15 Prepared: 01/11/23 06:19 Analyzed: 01/12/23 02:26

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BA30520 Sequence: S3A1404 Calibration: SA30003 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	
75-01-4	Vinyl Chloride	1	0.500	U	UJ
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
SURR: Toluene-d8	10.0	9.54	95.4	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.23	92.3	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	176895	5.736	302322	5.73	
ISTD: Chlorobenzene-d5	644478	8.768	1148800	8.766	
ISTD: 1,2-Dichlorobenzene-d4	266812	11.745	457597	11.746	

* Values outside of QC limits

MKP 3/7/2023

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: SVOA

METHOD: EPA 8270D

DATA PACKAGE COVER PAGE

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

Client: DT Consulting Services

Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 2/14/2023

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-01 File ID: SV3013268.D

Sampled: 01/05/23 09:20 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 11:42

Solids: Preparation: EPA 3510C Initial/Final: 975 mL / 1 mL

Batch: BA30307 Sequence: S3A1020 Calibration: SL20020 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.13	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.13	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.13	U	
95-95-4	2,4,5-Trichlorophenol	1	5.13	U	
88-06-2	2,4,6-Trichlorophenol	1	5.13	U	
120-83-2	2,4-Dichlorophenol	1	5.13	U	
105-67-9	2,4-Dimethylphenol	1	5.13	U	
51-28-5	2,4-Dinitrophenol	1	5.13	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.13	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.13	U	UJ
91-58-7	2-Chloronaphthalene	1	5.13	U	
95-57-8	2-Chlorophenol	1	5.13	U	
91-57-6	2-Methylnaphthalene	1	5.13	U	
95-48-7	2-Methylphenol	1	5.13	U	
88-74-4	2-Nitroaniline	1	5.13	U	UJ
88-75-5	2-Nitrophenol	1	5.13	U	UJ
65794-96-9	3- & 4-Methylphenols	1	5.13	U	
91-94-1	3,3-Dichlorobenzidine	1	5.13	U	
99-09-2	3-Nitroaniline	1	5.13	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.13	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.13	U	
59-50-7	4-Chloro-3-methylphenol	1	5.13	U	
106-47-8	4-Chloroaniline	1	5.13	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.13	U	
100-01-6	4-Nitroaniline	1	5.13	U	UJ
100-02-7	4-Nitrophenol	1	5.13	U	
98-86-2	Acetophenone	1	5.13	U	
100-52-7	Benzaldehyde	1	5.13	U	
85-68-7	Benzyl butyl phthalate	1	5.13	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.13	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.13	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.13	U	
105-60-2	Caprolactam	1	5.13	U	R
86-74-8	Carbazole	1	5.13	U	
132-64-9	Dibenzofuran	1	5.13	U	
84-66-2	Diethyl phthalate	1	5.13	U	
131-11-3	Dimethyl phthalate	1	5.13	U	
84-74-2	Di-n-butyl phthalate	1	5.13	U	
117-84-0	Di-n-octyl phthalate	1	5.13	U	
77-47-4	Hexachlorocyclopentadiene	1	10.3	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-01	File ID:	SV3013268.D
Sampled:	01/05/23 09:20	Prepared:	01/09/23 08:14	Analyzed:	01/10/23 11:42
Solids:		Preparation:	EPA 3510C	Initial/Final:	975 mL / 1 mL
Batch:	BA30307	Sequence:	S3A1020	Calibration:	SL20020
Instrument:	BNA #3				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.13	U
621-64-7	N-nitroso-di-n-propylamine	1	5.13	U
86-30-6	N-Nitrosodiphenylamine	1	5.13	U
108-95-2	Phenol	1	5.13	U
2312-35-8	Propargite	1	5.13	U
110-86-1	Pyridine	1	5.13	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	51.3	16.3	31.7	19.7 - 63.1	
SURR: Phenol-d6	51.3	9.14	17.8	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.6	21.8	84.9	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.6	17.6	68.6	39.9 - 105	
SURR: 2,4,6-Tribromophenol	51.3	48.5	94.5	39.3 - 151	
SURR: Terphenyl-d14	25.6	20.8	81.0	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1880213	5.453	1895710	5.451	
ISTD: Naphthalene-d8	7815577	6.394	8786239	6.392	
ISTD: Acenaphthene-d10	4877464	8.062	4858795	8.061	
ISTD: Phenanthrene-d10	10019350	10.199	9368632	10.2	
ISTD: Chrysene-d12	10209380	15.748	10307590	15.751	
ISTD: Perylene-d12	11802900	18.874	11363940	18.874	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: SV3013269.D

Sampled: 01/05/23 11:32 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 12:15

Solids: Preparation: EPA 3510C Initial/Final: 975 mL / 1 mL

Batch: BA30307 Sequence: S3A1020 Calibration: SL20020 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.13	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.13	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.13	U	
95-95-4	2,4,5-Trichlorophenol	1	5.13	U	
88-06-2	2,4,6-Trichlorophenol	1	5.13	U	
120-83-2	2,4-Dichlorophenol	1	5.13	U	
105-67-9	2,4-Dimethylphenol	1	5.13	U	
51-28-5	2,4-Dinitrophenol	1	5.13	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.13	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.13	U	UJ
91-58-7	2-Chloronaphthalene	1	5.13	U	
95-57-8	2-Chlorophenol	1	5.13	U	
91-57-6	2-Methylnaphthalene	1	5.13	U	
95-48-7	2-Methylphenol	1	5.13	U	
88-74-4	2-Nitroaniline	1	5.13	U	UJ
88-75-5	2-Nitrophenol	1	5.13	U	UJ
65794-96-9	3- & 4-Methylphenols	1	5.13	U	
91-94-1	3,3-Dichlorobenzidine	1	5.13	U	
99-09-2	3-Nitroaniline	1	5.13	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.13	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.13	U	
59-50-7	4-Chloro-3-methylphenol	1	5.13	U	
106-47-8	4-Chloroaniline	1	5.13	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.13	U	
100-01-6	4-Nitroaniline	1	5.13	U	UJ
100-02-7	4-Nitrophenol	1	5.13	U	
98-86-2	Acetophenone	1	5.13	U	
100-52-7	Benzaldehyde	1	5.13	U	
85-68-7	Benzyl butyl phthalate	1	5.13	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.13	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.13	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.13	U	
105-60-2	Caprolactam	1	5.13	U	R
86-74-8	Carbazole	1	5.13	U	
132-64-9	Dibenzofuran	1	5.13	U	
84-66-2	Diethyl phthalate	1	5.13	U	
131-11-3	Dimethyl phthalate	1	5.13	U	
84-74-2	Di-n-butyl phthalate	1	5.13	U	
117-84-0	Di-n-octyl phthalate	1	5.13	U	
77-47-4	Hexachlorocyclopentadiene	1	10.3	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-03 | File ID: SV3013269.D

Sampled: 01/05/23 11:32 | Prepared: 01/09/23 08:14 | Analyzed: 01/10/23 12:15

Solids: | Preparation: EPA 3510C | Initial/Final: 975 mL / 1 mL

Batch: BA30307 | Sequence: S3A1020 | Calibration: SL20020 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.13	U
621-64-7	N-nitroso-di-n-propylamine	1	5.13	U
86-30-6	N-Nitrosodiphenylamine	1	5.13	U
108-95-2	Phenol	1	5.13	U
2312-35-8	Propargite	1	5.13	U
110-86-1	Pyridine	1	5.13	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	51.3	11.9	23.2	19.7 - 63.1	
SURR: Phenol-d6	51.3	7.06	13.8	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.6	16.9	65.8	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.6	13.3	51.8	39.9 - 105	
SURR: 2,4,6-Tribromophenol	51.3	35.3	68.8	39.3 - 151	
SURR: Terphenyl-d14	25.6	14.4	56.0	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	2003372	5.454	1895710	5.451	
ISTD: Naphthalene-d8	8410259	6.394	8786239	6.392	
ISTD: Acenaphthene-d10	5128313	8.062	4858795	8.061	
ISTD: Phenanthrene-d10	10171060	10.2	9368632	10.2	
ISTD: Chrysene-d12	10328660	15.749	10307590	15.751	
ISTD: Perylene-d12	11804180	18.874	11363940	18.874	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: SV3013270.D

Sampled: 01/05/23 12:15 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 12:47

Solids: Preparation: EPA 3510C Initial/Final: 900 mL / 1 mL

Batch: BA30307 Sequence: S3A1020 Calibration: SL20020 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.56	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.56	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.56	U	
95-95-4	2,4,5-Trichlorophenol	1	5.56	U	
88-06-2	2,4,6-Trichlorophenol	1	5.56	U	
120-83-2	2,4-Dichlorophenol	1	5.56	U	
105-67-9	2,4-Dimethylphenol	1	5.56	U	
51-28-5	2,4-Dinitrophenol	1	5.56	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.56	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.56	U	UJ
91-58-7	2-Chloronaphthalene	1	5.56	U	
95-57-8	2-Chlorophenol	1	5.56	U	
91-57-6	2-Methylnaphthalene	1	5.56	U	
95-48-7	2-Methylphenol	1	5.56	U	
88-74-4	2-Nitroaniline	1	5.56	U	UJ
88-75-5	2-Nitrophenol	1	5.56	U	UJ
65794-96-9	3- & 4-Methylphenols	1	5.56	U	
91-94-1	3,3-Dichlorobenzidine	1	5.56	U	
99-09-2	3-Nitroaniline	1	5.56	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.56	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.56	U	
59-50-7	4-Chloro-3-methylphenol	1	5.56	U	
106-47-8	4-Chloroaniline	1	5.56	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.56	U	
100-01-6	4-Nitroaniline	1	5.56	U	UJ
100-02-7	4-Nitrophenol	1	5.56	U	
98-86-2	Acetophenone	1	5.56	U	
100-52-7	Benzaldehyde	1	5.56	U	
85-68-7	Benzyl butyl phthalate	1	5.56	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.56	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.56	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.56	U	
105-60-2	Caprolactam	1	5.56	U	R
86-74-8	Carbazole	1	5.56	U	
132-64-9	Dibenzofuran	1	5.56	U	
84-66-2	Diethyl phthalate	1	5.56	U	
131-11-3	Dimethyl phthalate	1	5.56	U	
84-74-2	Di-n-butyl phthalate	1	5.56	U	
117-84-0	Di-n-octyl phthalate	1	5.56	U	
77-47-4	Hexachlorocyclopentadiene	1	11.1	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-04	File ID:	SV3013270.D
Sampled:	01/05/23 12:15	Prepared:	01/09/23 08:14	Analyzed:	01/10/23 12:47
Solids:		Preparation:	EPA 3510C	Initial/Final:	900 mL / 1 mL
Batch:	BA30307	Sequence:	S3A1020	Calibration:	SL20020
Instrument:	BNA #3				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.56	U
621-64-7	N-nitroso-di-n-propylamine	1	5.56	U
86-30-6	N-Nitrosodiphenylamine	1	5.56	U
108-95-2	Phenol	1	5.56	U
2312-35-8	Propargite	1	5.56	U
110-86-1	Pyridine	1	5.56	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	55.6	17.5	31.4	19.7 - 63.1	
SURR: Phenol-d6	55.6	9.96	17.9	10.1 - 41.7	
SURR: Nitrobenzene-d5	27.8	20.1	72.2	50.2 - 113	
SURR: 2-Fluorobiphenyl	27.8	16.4	59.0	39.9 - 105	
SURR: 2,4,6-Tribromophenol	55.6	44.2	79.6	39.3 - 151	
SURR: Terphenyl-d14	27.8	19.2	69.1	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1834417	5.454	1895710	5.451	
ISTD: Naphthalene-d8	7668159	6.395	8786239	6.392	
ISTD: Acenaphthene-d10	4782712	8.062	4858795	8.061	
ISTD: Phenanthrene-d10	9801705	10.199	9368632	10.2	
ISTD: Chrysene-d12	9931340	15.749	10307590	15.751	
ISTD: Perylene-d12	11440120	18.875	11363940	18.874	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-05 File ID: SV3013271.D

Sampled: 01/05/23 13:30 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 13:19

Solids: Preparation: EPA 3510C Initial/Final: 975 mL / 1 mL

Batch: BA30307 Sequence: S3A1020 Calibration: SL20020 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.13	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.13	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.13	U	
95-95-4	2,4,5-Trichlorophenol	1	5.13	U	
88-06-2	2,4,6-Trichlorophenol	1	5.13	U	
120-83-2	2,4-Dichlorophenol	1	5.13	U	
105-67-9	2,4-Dimethylphenol	1	5.13	U	
51-28-5	2,4-Dinitrophenol	1	5.13	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.13	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.13	U	UJ
91-58-7	2-Chloronaphthalene	1	5.13	U	
95-57-8	2-Chlorophenol	1	5.13	U	
91-57-6	2-Methylnaphthalene	1	5.13	U	
95-48-7	2-Methylphenol	1	5.13	U	
88-74-4	2-Nitroaniline	1	5.13	U	UJ
88-75-5	2-Nitrophenol	1	5.13	U	UJ
65794-96-9	3- & 4-Methylphenols	1	5.13	U	
91-94-1	3,3-Dichlorobenzidine	1	5.13	U	
99-09-2	3-Nitroaniline	1	5.13	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.13	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.13	U	
59-50-7	4-Chloro-3-methylphenol	1	5.13	U	
106-47-8	4-Chloroaniline	1	5.13	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.13	U	
100-01-6	4-Nitroaniline	1	5.13	U	UJ
100-02-7	4-Nitrophenol	1	5.13	U	
98-86-2	Acetophenone	1	5.13	U	
100-52-7	Benzaldehyde	1	5.13	U	
85-68-7	Benzyl butyl phthalate	1	5.13	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.13	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.13	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.13	U	
105-60-2	Caprolactam	1	5.13	U	R
86-74-8	Carbazole	1	5.13	U	
132-64-9	Dibenzofuran	1	5.13	U	
84-66-2	Diethyl phthalate	1	5.13	U	
131-11-3	Dimethyl phthalate	1	5.13	U	
84-74-2	Di-n-butyl phthalate	1	5.13	U	
117-84-0	Di-n-octyl phthalate	1	5.13	U	
77-47-4	Hexachlorocyclopentadiene	1	10.3	U	

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-05	File ID:	SV3013271.D
Sampled:	01/05/23 13:30	Prepared:	01/09/23 08:14	Analyzed:	01/10/23 13:19
Solids:		Preparation:	EPA 3510C	Initial/Final:	975 mL / 1 mL
Batch:	BA30307	Sequence:	S3A1020	Calibration:	SL20020
Instrument:	BNA #3				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.13	U
621-64-7	N-nitroso-di-n-propylamine	1	5.13	U
86-30-6	N-Nitrosodiphenylamine	1	5.13	U
108-95-2	Phenol	1	5.13	U
2312-35-8	Propargite	1	5.13	U
110-86-1	Pyridine	1	5.13	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	51.3	17.1	33.4	19.7 - 63.1	
SURR: Phenol-d6	51.3	9.45	18.4	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.6	21.9	85.3	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.6	16.7	65.2	39.9 - 105	
SURR: 2,4,6-Tribromophenol	51.3	48.8	95.2	39.3 - 151	
SURR: Terphenyl-d14	25.6	21.6	84.2	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1839580	5.453	1895710	5.451	
ISTD: Naphthalene-d8	7580196	6.394	8786239	6.392	
ISTD: Acenaphthene-d10	4700980	8.062	4858795	8.061	
ISTD: Phenanthrene-d10	9626416	10.198	9368632	10.2	
ISTD: Chrysene-d12	9749819	15.747	10307590	15.751	
ISTD: Perylene-d12	11469620	18.872	11363940	18.874	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-06 File ID: SV3013272.D

Sampled: 01/05/23 14:10 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 13:52

Solids: Preparation: EPA 3510C Initial/Final: 900 mL / 1 mL

Batch: BA30307 Sequence: S3A1020 Calibration: SL20020 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.56	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.56	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.56	U	
95-95-4	2,4,5-Trichlorophenol	1	5.56	U	
88-06-2	2,4,6-Trichlorophenol	1	5.56	U	
120-83-2	2,4-Dichlorophenol	1	5.56	U	
105-67-9	2,4-Dimethylphenol	1	5.56	U	
51-28-5	2,4-Dinitrophenol	1	5.56	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.56	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.56	U	UJ
91-58-7	2-Chloronaphthalene	1	5.56	U	
95-57-8	2-Chlorophenol	1	5.56	U	
91-57-6	2-Methylnaphthalene	1	5.56	U	
95-48-7	2-Methylphenol	1	5.56	U	
88-74-4	2-Nitroaniline	1	5.56	U	UJ
88-75-5	2-Nitrophenol	1	5.56	U	UJ
65794-96-9	3- & 4-Methylphenols	1	5.56	U	
91-94-1	3,3-Dichlorobenzidine	1	5.56	U	
99-09-2	3-Nitroaniline	1	5.56	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.56	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.56	U	
59-50-7	4-Chloro-3-methylphenol	1	5.56	U	
106-47-8	4-Chloroaniline	1	5.56	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.56	U	
100-01-6	4-Nitroaniline	1	5.56	U	UJ
100-02-7	4-Nitrophenol	1	5.56	U	
98-86-2	Acetophenone	1	5.56	U	
100-52-7	Benzaldehyde	1	5.56	U	
85-68-7	Benzyl butyl phthalate	1	5.56	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.56	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.56	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.56	U	
105-60-2	Caprolactam	1	5.56	U	R
86-74-8	Carbazole	1	5.56	U	
132-64-9	Dibenzofuran	1	5.56	U	
84-66-2	Diethyl phthalate	1	5.56	U	
131-11-3	Dimethyl phthalate	1	5.56	U	
84-74-2	Di-n-butyl phthalate	1	5.56	U	
117-84-0	Di-n-octyl phthalate	1	5.56	U	
77-47-4	Hexachlorocyclopentadiene	1	11.1	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-06 | File ID: SV3013272.D

Sampled: 01/05/23 14:10 | Prepared: 01/09/23 08:14 | Analyzed: 01/10/23 13:52

Solids: | Preparation: EPA 3510C | Initial/Final: 900 mL / 1 mL

Batch: BA30307 | Sequence: S3A1020 | Calibration: SL20020 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.56	U
621-64-7	N-nitroso-di-n-propylamine	1	5.56	U
86-30-6	N-Nitrosodiphenylamine	1	5.56	U
108-95-2	Phenol	1	5.56	U
2312-35-8	Propargite	1	5.56	U
110-86-1	Pyridine	1	5.56	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	55.6	20.1	36.3	19.7 - 63.1	
SURR: Phenol-d6	55.6	11.1	20.0	10.1 - 41.7	
SURR: Nitrobenzene-d5	27.8	26.6	95.8	50.2 - 113	
SURR: 2-Fluorobiphenyl	27.8	19.7	71.0	39.9 - 105	
SURR: 2,4,6-Tribromophenol	55.6	56.4	102	39.3 - 151	
SURR: Terphenyl-d14	27.8	24.6	88.7	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1680659	5.455	1895710	5.451	
ISTD: Naphthalene-d8	7037342	6.395	8786239	6.392	
ISTD: Acenaphthene-d10	4362612	8.064	4858795	8.061	
ISTD: Phenanthrene-d10	9086512	10.2	9368632	10.2	
ISTD: Chrysene-d12	9387591	15.748	10307590	15.751	
ISTD: Perylene-d12	11015040	18.873	11363940	18.874	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: SV3013273.D

Sampled: 01/05/23 15:00 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 14:26

Solids: Preparation: EPA 3510C Initial/Final: 950 mL / 1 mL

Batch: BA30307 Sequence: S3A1020 Calibration: SL20020 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.26	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.26	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.26	U	
95-95-4	2,4,5-Trichlorophenol	1	5.26	U	
88-06-2	2,4,6-Trichlorophenol	1	5.26	U	
120-83-2	2,4-Dichlorophenol	1	5.26	U	
105-67-9	2,4-Dimethylphenol	1	5.26	U	
51-28-5	2,4-Dinitrophenol	1	5.26	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.26	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.26	U	UJ
91-58-7	2-Chloronaphthalene	1	5.26	U	
95-57-8	2-Chlorophenol	1	5.26	U	
91-57-6	2-Methylnaphthalene	1	5.26	U	
95-48-7	2-Methylphenol	1	5.26	U	
88-74-4	2-Nitroaniline	1	5.26	U	UJ
88-75-5	2-Nitrophenol	1	5.26	U	UJ
65794-96-9	3- & 4-Methylphenols	1	5.26	U	
91-94-1	3,3-Dichlorobenzidine	1	5.26	U	
99-09-2	3-Nitroaniline	1	5.26	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.26	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.26	U	
59-50-7	4-Chloro-3-methylphenol	1	5.26	U	
106-47-8	4-Chloroaniline	1	5.26	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.26	U	
100-01-6	4-Nitroaniline	1	5.26	U	UJ
100-02-7	4-Nitrophenol	1	5.26	U	
98-86-2	Acetophenone	1	5.26	U	
100-52-7	Benzaldehyde	1	5.26	U	
85-68-7	Benzyl butyl phthalate	1	5.26	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.26	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.26	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.26	U	
105-60-2	Caprolactam	1	5.26	U	R
86-74-8	Carbazole	1	5.26	U	
132-64-9	Dibenzofuran	1	5.26	U	
84-66-2	Diethyl phthalate	1	5.26	U	
131-11-3	Dimethyl phthalate	1	5.26	U	
84-74-2	Di-n-butyl phthalate	1	5.26	U	
117-84-0	Di-n-octyl phthalate	1	5.26	U	
77-47-4	Hexachlorocyclopentadiene	1	10.5	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-07	File ID:	SV3013273.D
Sampled:	01/05/23 15:00	Prepared:	01/09/23 08:14	Analyzed:	01/10/23 14:26
Solids:		Preparation:	EPA 3510C	Initial/Final:	950 mL / 1 mL
Batch:	BA30307	Sequence:	S3A1020	Calibration:	SL20020
Instrument:	BNA #3				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.26	U
621-64-7	N-nitroso-di-n-propylamine	1	5.26	U
86-30-6	N-Nitrosodiphenylamine	1	5.26	U
108-95-2	Phenol	1	5.26	U
2312-35-8	Propargite	1	5.26	U
110-86-1	Pyridine	1	5.26	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	52.6	17.3	32.8	19.7 - 63.1	
SURR: Phenol-d6	52.6	9.38	17.8	10.1 - 41.7	
SURR: Nitrobenzene-d5	26.3	23.2	88.3	50.2 - 113	
SURR: 2-Fluorobiphenyl	26.3	18.6	70.8	39.9 - 105	
SURR: 2,4,6-Tribromophenol	52.6	48.7	92.5	39.3 - 151	
SURR: Terphenyl-d14	26.3	20.0	76.2	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1736278	5.455	1895710	5.451	
ISTD: Naphthalene-d8	7151591	6.395	8786239	6.392	
ISTD: Acenaphthene-d10	4370495	8.064	4858795	8.061	
ISTD: Phenanthrene-d10	8823155	10.2	9368632	10.2	
ISTD: Chrysene-d12	9392822	15.749	10307590	15.751	
ISTD: Perylene-d12	11422690	18.875	11363940	18.874	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: SV3013306.D

Sampled: 01/05/23 16:15 Prepared: 01/11/23 13:35 Analyzed: 01/12/23 16:52

Solids: Preparation: EPA 3510C Initial/Final: 975 mL / 1 mL

Batch: BA30456 Sequence: S3A1303 Calibration: SL20020 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.13	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.13	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.13	U	
95-95-4	2,4,5-Trichlorophenol	1	5.13	U	
88-06-2	2,4,6-Trichlorophenol	1	5.13	U	
120-83-2	2,4-Dichlorophenol	1	5.13	U	
105-67-9	2,4-Dimethylphenol	1	5.13	U	
51-28-5	2,4-Dinitrophenol	1	5.13	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.13	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.13	U	UJ
91-58-7	2-Chloronaphthalene	1	5.13	U	
95-57-8	2-Chlorophenol	1	5.13	U	
91-57-6	2-Methylnaphthalene	1	5.13	U	
95-48-7	2-Methylphenol	1	5.13	U	
88-74-4	2-Nitroaniline	1	5.13	U	UJ
88-75-5	2-Nitrophenol	1	5.13	U	UJ
65794-96-9	3- & 4-Methylphenols	1	5.13	U	
91-94-1	3,3-Dichlorobenzidine	1	5.13	U	
99-09-2	3-Nitroaniline	1	5.13	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.13	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.13	U	
59-50-7	4-Chloro-3-methylphenol	1	5.13	U	
106-47-8	4-Chloroaniline	1	5.13	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.13	U	
100-01-6	4-Nitroaniline	1	5.13	U	UJ
100-02-7	4-Nitrophenol	1	5.13	U	
98-86-2	Acetophenone	1	5.13	U	
100-52-7	Benzaldehyde	1	5.13	U	
85-68-7	Benzyl butyl phthalate	1	5.13	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.13	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.13	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.13	U	
105-60-2	Caprolactam	1	~~5.13~~	U	R
86-74-8	Carbazole	1	5.13	U	
132-64-9	Dibenzofuran	1	5.13	U	
84-66-2	Diethyl phthalate	1	5.13	U	
131-11-3	Dimethyl phthalate	1	5.13	U	
84-74-2	Di-n-butyl phthalate	1	5.13	U	
117-84-0	Di-n-octyl phthalate	1	5.13	U	
77-47-4	Hexachlorocyclopentadiene	1	10.3	U	

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-08 | File ID: SV3013306.D

Sampled: 01/05/23 16:15 | Prepared: 01/11/23 13:35 | Analyzed: 01/12/23 16:52

Solids: | Preparation: EPA 3510C | Initial/Final: 975 mL / 1 mL

Batch: BA30456 | Sequence: S3A1303 | Calibration: SL20020 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.13	U
621-64-7	N-nitroso-di-n-propylamine	1	5.13	U
86-30-6	N-Nitrosodiphenylamine	1	5.13	U
108-95-2	Phenol	1	5.13	U
2312-35-8	Propargite	1	5.13	U
110-86-1	Pyridine	1	5.13	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	51.3	15.4	30.0	19.7 - 63.1	
SURR: Phenol-d6	51.3	8.97	17.5	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.6	21.3	83.2	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.6	16.6	64.8	39.9 - 105	
SURR: 2,4,6-Tribromophenol	51.3	45.6	89.0	39.3 - 151	
SURR: Terphenyl-d14	25.6	19.4	75.5	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	2058688	5.451	2000943	5.45	
ISTD: Naphthalene-d8	8700230	6.392	9284352	6.391	
ISTD: Acenaphthene-d10	5377704	8.061	5110448	8.061	
ISTD: Phenanthrene-d10	10695550	10.206	9976205	10.209	
ISTD: Chrysene-d12	10551000	15.819	10030370	15.9	
ISTD: Perylene-d12	12097570	18.96	11021350	18.967	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
CLASS: SVOA
METHOD: EPA 8270D SIM

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-7	23A0356-07RE1
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 2/14/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-01 | File ID: SV5A0925.D

Sampled: 01/05/23 09:20 | Prepared: 01/09/23 08:14 | Analyzed: 01/10/23 11:07

Solids: | Preparation: EPA 3510C | Initial/Final: 975 mL / 1 mL

Batch: BA30307 | Sequence: S3A1119 | Calibration: SA30005 | Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.133		
208-96-8	Acenaphthylene	1	0.0513	U	
120-12-7	Anthracene	1	0.0513		
1912-24-9	Atrazine	1	0.513	U	
56-55-3	Benzo(a)anthracene	1	0.0513	U	
50-32-8	Benzo(a)pyrene	1	0.0513	U	
205-99-2	Benzo(b)fluoranthene	1	0.0513	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0513	U	
207-08-9	Benzo(k)fluoranthene	1	0.0513	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	1.44	B	J
218-01-9	Chrysene	1	0.0513	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0513	U	
206-44-0	Fluoranthene	1	0.0513	U	
86-73-7	Fluorene	1	0.113		
118-74-1	Hexachlorobenzene	1	0.0205	U	
87-68-3	Hexachlorobutadiene	1	0.513	U	
67-72-1	Hexachloroethane	1	0.513	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0513	U	
91-20-3	Naphthalene	1	0.174		
98-95-3	Nitrobenzene	1	0.256	U	
62-75-9	N-Nitrosodimethylamine	1	0.513	U	R
87-86-5	Pentachlorophenol	1	0.256	U	
85-01-8	Phenanthrene	1	0.133		
129-00-0	Pyrene	1	0.0513	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	10496950	7.99	9050891	7.98	
ISTD: Naphthalene-d8	25217960	9.56	23050960	9.56	
ISTD: Acenaphthene-d10	11918920	11.97	11430860	11.97	
ISTD: Phenanthrene-d10	18014440	14.05	18180430	14.05	
ISTD: Chrysene-d12	11278300	17.84	10868370	17.84	
ISTD: Perylene-d12	11580690	19.75	9654621	19.75	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-03 | File ID: SV5A0926.D

Sampled: 01/05/23 11:32 | Prepared: 01/09/23 08:14 | Analyzed: 01/10/23 11:39

Solids: | Preparation: EPA 3510C | Initial/Final: 975 mL / 1 mL

Batch: BA30307 | Sequence: S3A1119 | Calibration: SA30005 | Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	2.03		
208-96-8	Acenaphthylene	1	0.0513	U	
120-12-7	Anthracene	1	0.185		
1912-24-9	Atrazine	1	0.513	U	
56-55-3	Benzo(a)anthracene	1	0.0615		
50-32-8	Benzo(a)pyrene	1	0.0513	U	
205-99-2	Benzo(b)fluoranthene	1	0.0513	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0513	U	
207-08-9	Benzo(k)fluoranthene	1	0.0513	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	1.66	B	J
218-01-9	Chrysene	1	0.0513	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0513	U	
206-44-0	Fluoranthene	1	0.0821		
86-73-7	Fluorene	1	0.0513	U	
118-74-1	Hexachlorobenzene	1	0.0205	U	
87-68-3	Hexachlorobutadiene	1	0.513	U	
67-72-1	Hexachloroethane	1	0.513	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0513	U	
91-20-3	Naphthalene	1	0.256		
98-95-3	Nitrobenzene	1	0.256	U	
62-75-9	N-Nitrosodimethylamine	1	~~0.513~~	U	R
87-86-5	Pentachlorophenol	1	0.256	U	
85-01-8	Phenanthrene	1	1.36		
129-00-0	Pyrene	1	0.0513	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	10949770	7.99	9050891	7.98	
ISTD: Naphthalene-d8	24574300	9.56	23050960	9.56	
ISTD: Acenaphthene-d10	11720880	11.97	11430860	11.97	
ISTD: Phenanthrene-d10	17899060	14.06	18180430	14.05	
ISTD: Chrysene-d12	12933190	17.85	10868370	17.84	
ISTD: Perylene-d12	13091100	19.76	9654621	19.75	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: SV5A0927.D

Sampled: 01/05/23 12:15 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 12:12

Solids: Preparation: EPA 3510C Initial/Final: 900 mL / 1 mL

Batch: BA30307 Sequence: S3A1119 Calibration: SA30005 Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.200		
208-96-8	Acenaphthylene	1	0.0556	U	
120-12-7	Anthracene	1	0.0667		
1912-24-9	Atrazine	1	0.556	U	
56-55-3	Benzo(a)anthracene	1	0.0556	U	
50-32-8	Benzo(a)pyrene	1	0.0556	U	
205-99-2	Benzo(b)fluoranthene	1	0.0556	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0556	U	
207-08-9	Benzo(k)fluoranthene	1	0.0556	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.711 UJ ~~0.711~~	B	UJ
218-01-9	Chrysene	1	0.0556	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0556	U	
206-44-0	Fluoranthene	1	0.0556	U	
86-73-7	Fluorene	1	0.200		
118-74-1	Hexachlorobenzene	1	0.0222	U	
87-68-3	Hexachlorobutadiene	1	0.556	U	
67-72-1	Hexachloroethane	1	0.556	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0556	U	
91-20-3	Naphthalene	1	0.189		
98-95-3	Nitrobenzene	1	0.278	U	
62-75-9	N-Nitrosodimethylamine	1	~~0.556~~	U	R
87-86-5	Pentachlorophenol	1	0.278	U	
85-01-8	Phenanthrene	1	0.122		
129-00-0	Pyrene	1	0.0556	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	10795700	7.99	9050891	7.98	
ISTD: Naphthalene-d8	25623250	9.56	23050960	9.56	
ISTD: Acenaphthene-d10	11941650	11.97	11430860	11.97	
ISTD: Phenanthrene-d10	17535370	14.05	18180430	14.05	
ISTD: Chrysene-d12	11235230	17.84	10868370	17.84	
ISTD: Perylene-d12	11468880	19.76	9654621	19.75	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-05 | File ID: SV5A0928.D

Sampled: 01/05/23 13:30 | Prepared: 01/09/23 08:14 | Analyzed: 01/10/23 12:45

Solids: | Preparation: EPA 3510C | Initial/Final: 975 mL / 1 mL

Batch: BA30307 | Sequence: S3A1119 | Calibration: SA30005 | Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.0513	U	
208-96-8	Acenaphthylene	1	0.0513	U	
120-12-7	Anthracene	1	0.0513	U	
1912-24-9	Atrazine	1	0.513	U	
56-55-3	Benzo(a)anthracene	1	0.0513	U	
50-32-8	Benzo(a)pyrene	1	0.0513	U	
205-99-2	Benzo(b)fluoranthene	1	0.0513	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0513	U	
207-08-9	Benzo(k)fluoranthene	1	0.0513	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.708 UJ ~~0.708~~	B	UJ
218-01-9	Chrysene	1	0.0513	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0513	U	
206-44-0	Fluoranthene	1	0.0513	U	
86-73-7	Fluorene	1	0.226		
118-74-1	Hexachlorobenzene	1	0.0205	U	
87-68-3	Hexachlorobutadiene	1	0.513	U	
67-72-1	Hexachloroethane	1	0.513	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0513	U	
91-20-3	Naphthalene	1	0.0513	U	
98-95-3	Nitrobenzene	1	0.256	U	
62-75-9	N-Nitrosodimethylamine	1	~~0.513~~	U	R
87-86-5	Pentachlorophenol	1	0.256	U	
85-01-8	Phenanthrene	1	0.0513	U	
129-00-0	Pyrene	1	0.0513	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	10946580	7.99	9050891	7.98	
ISTD: Naphthalene-d8	27000060	9.56	23050960	9.56	
ISTD: Acenaphthene-d10	12734220	11.97	11430860	11.97	
ISTD: Phenanthrene-d10	18576070	14.05	18180430	14.05	
ISTD: Chrysene-d12	11274190	17.84	10868370	17.84	
ISTD: Perylene-d12	11183320	19.76	9654621	19.75	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 23A0356

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 23A0356-06 | File ID: SV5A0929.D

Sampled: 01/05/23 14:10 | Prepared: 01/09/23 08:14 | Analyzed: 01/10/23 13:30

Solids: | Preparation: EPA 3510C | Initial/Final: 900 mL / 1 mL

Batch: BA30307 | Sequence: S3A1119 | Calibration: SA30005 | Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.0556	U	
208-96-8	Acenaphthylene	1	0.0556	U	
120-12-7	Anthracene	1	0.0556	U	
1912-24-9	Atrazine	1	0.556	U	
56-55-3	Benzo(a)anthracene	1	0.0556	U	
50-32-8	Benzo(a)pyrene	1	0.0556	U	
205-99-2	Benzo(b)fluoranthene	1	0.0556	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0556	U	
207-08-9	Benzo(k)fluoranthene	1	0.0556	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	3.91	B	J
218-01-9	Chrysene	1	0.0556	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0556	U	
206-44-0	Fluoranthene	1	0.0556	U	
86-73-7	Fluorene	1	0.0556	U	
118-74-1	Hexachlorobenzene	1	0.0222	U	
87-68-3	Hexachlorobutadiene	1	0.556	U	
67-72-1	Hexachloroethane	1	0.556	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0556	U	
91-20-3	Naphthalene	1	0.0556		
98-95-3	Nitrobenzene	1	0.278	U	
62-75-9	N-Nitrosodimethylamine	1	~~0.556~~	U	R
87-86-5	Pentachlorophenol	1	0.278	U	
85-01-8	Phenanthrene	1	0.0889		
129-00-0	Pyrene	1	0.0556	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	10559120	7.99	9050891	7.98	
ISTD: Naphthalene-d8	26290170	9.56	23050960	9.56	
ISTD: Acenaphthene-d10	12401240	11.97	11430860	11.97	
ISTD: Phenanthrene-d10	18077400	14.05	18180430	14.05	
ISTD: Chrysene-d12	11019170	17.84	10868370	17.84	
ISTD: Perylene-d12	10814500	19.76	9654621	19.75	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: SV5A0930.D

Sampled: 01/05/23 15:00 Prepared: 01/09/23 08:14 Analyzed: 01/10/23 14:02

Solids: Preparation: EPA 3510C Initial/Final: 950 mL / 1 mL

Batch: BA30307 Sequence: S3A1119 Calibration: SA30005 Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.421		
208-96-8	Acenaphthylene	1	0.0526	U	
120-12-7	Anthracene	1	0.0526	U	
1912-24-9	Atrazine	1	0.526	U	
56-55-3	Benzo(a)anthracene	1	0.0526	U	
50-32-8	Benzo(a)pyrene	1	0.0526	U	
205-99-2	Benzo(b)fluoranthene	1	0.0526	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0526	U	
207-08-9	Benzo(k)fluoranthene	1	0.0526	U	
218-01-9	Chrysene	1	0.0526	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0526	U	
206-44-0	Fluoranthene	1	0.0737		
86-73-7	Fluorene	1	0.0737		
118-74-1	Hexachlorobenzene	1	0.0211	U	
87-68-3	Hexachlorobutadiene	1	0.526	U	
67-72-1	Hexachloroethane	1	0.526	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0526	U	
91-20-3	Naphthalene	1	0.0526	U	
98-95-3	Nitrobenzene	1	0.263	U	
62-75-9	N-Nitrosodimethylamine	1	~~0.526~~	U	R
87-86-5	Pentachlorophenol	1	0.263	U	
85-01-8	Phenanthrene	1	0.0526	U	
129-00-0	Pyrene	1	0.0526		

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	10552370	7.99	9050891	7.98	
ISTD: Naphthalene-d8	25748430	9.56	23050960	9.56	
ISTD: Acenaphthene-d10	11843490	11.97	11430860	11.97	
ISTD: Phenanthrene-d10	17493820	14.05	18180430	14.05	
ISTD: Chrysene-d12	11157610	17.84	10868370	17.84	
ISTD: Perylene-d12	11177270	19.76	9654621	19.75	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-07RE1	File ID:	SV5A0945.D
Sampled:	01/05/23 15:00	Prepared:	01/09/23 08:14	Analyzed:	01/11/23 13:42
Solids:		Preparation:	EPA 3510C	Initial/Final:	950 mL / 1 mL
Batch:	BA30307	Sequence:	S3A1203	Calibration:	SA30005
Instrument:	BNA #5				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
117-81-7	Bis(2-ethylhexyl)phthalate	2	7.98	BD

J

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	8090767	7.97	9738171	7.98	
ISTD: Naphthalene-d8	20225610	9.55	24485050	9.55	
ISTD: Acenaphthene-d10	9799209	11.96	11981570	11.96	
ISTD: Phenanthrene-d10	14687170	14.05	18344910	14.05	
ISTD: Chrysene-d12	8464404	17.84	9507778	17.84	
ISTD: Perylene-d12	8418547	19.76	7831094	19.75	

* Values outside of QC limits

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: SV5A0962.D

Sampled: 01/05/23 16:15 Prepared: 01/11/23 13:35 Analyzed: 01/12/23 15:33

Solids: Preparation: EPA 3510C Initial/Final: 975 mL / 1 mL

Batch: BA30456 Sequence: S3A1307 Calibration: SA30005 Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.164		
208-96-8	Acenaphthylene	1	0.0513	U	
120-12-7	Anthracene	1	0.0513		
1912-24-9	Atrazine	1	0.513	U	
56-55-3	Benzo(a)anthracene	1	0.0513		
50-32-8	Benzo(a)pyrene	1	0.0513	U	
205-99-2	Benzo(b)fluoranthene	1	0.0513	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0513	U	
207-08-9	Benzo(k)fluoranthene	1	0.0513	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.626 UJ ~~0.626~~	B	UJ
218-01-9	Chrysene	1	0.0513	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0513	U	
206-44-0	Fluoranthene	1	0.0513	U	
86-73-7	Fluorene	1	0.133		
118-74-1	Hexachlorobenzene	1	0.0205	U	
87-68-3	Hexachlorobutadiene	1	0.513	U	
67-72-1	Hexachloroethane	1	0.513	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0513	U	
91-20-3	Naphthalene	1	0.164		
98-95-3	Nitrobenzene	1	0.256	U	
62-75-9	N-Nitrosodimethylamine	1	~~0.513~~	U	R
87-86-5	Pentachlorophenol	1	0.256	U	
85-01-8	Phenanthrene	1	0.164		
129-00-0	Pyrene	1	0.0513	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	7340668	7.97	7000974	7.96	
ISTD: Naphthalene-d8	17742650	9.56	17458720	9.55	
ISTD: Acenaphthene-d10	8820840	11.97	8605147	11.97	
ISTD: Phenanthrene-d10	13731900	14.05	13386750	14.05	
ISTD: Chrysene-d12	9006285	17.85	8419418	17.85	
ISTD: Perylene-d12	9150729	19.77	7819460	19.76	

* Values outside of QC limits

MKP 3/7/2023

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: SVOA

METHOD: EPA 8270D SIM

No data validation qualifiers were added

MKP 3/7/2023

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

Client: DT Consulting Services

Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 2/14/2023

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-01	File ID:	E800068626.D
Sampled:	01/05/23 09:20	Prepared:	01/11/23 08:45	Analyzed:	01/12/23 13:16
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BA30472	Sequence:	S3A1314	Calibration:	SK20027
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.92	73.0	36.6 - 118	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,2-Dichlorobenzene-d4	414971	9.173	381785	9.173	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-03	File ID:	E800068627.D
Sampled:	01/05/23 11:32	Prepared:	01/11/23 08:45	Analyzed:	01/12/23 13:33
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BA30472	Sequence:	S3A1314	Calibration:	SK20027
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	1.02	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.71	67.8	36.6 - 118	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,2-Dichlorobenzene-d4	432632	9.173	381785	9.173	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-04	File ID:	E800068628.D
Sampled:	01/05/23 12:15	Prepared:	01/11/23 08:45	Analyzed:	01/12/23 13:50
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BA30472	Sequence:	S3A1314	Calibration:	SK20027
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.448	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.36	58.9	36.6 - 118	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,2-Dichlorobenzene-d4	434740	9.173	381785	9.173	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-05	File ID:	E800068629.D
Sampled:	01/05/23 13:30	Prepared:	01/11/23 08:45	Analyzed:	01/12/23 14:07
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BA30472	Sequence:	S3A1314	Calibration:	SK20027
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.98	74.5	36.6 - 118	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,2-Dichlorobenzene-d4	426998	9.173	381785	9.173	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-06	File ID:	E800068630.D
Sampled:	01/05/23 14:10	Prepared:	01/11/23 08:45	Analyzed:	01/12/23 14:24
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BA30472	Sequence:	S3A1314	Calibration:	SK20027
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.73	68.2	36.6 - 118	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,2-Dichlorobenzene-d4	421832	9.173	381785	9.173	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-07	File ID:	E800068631.D
Sampled:	01/05/23 15:00	Prepared:	01/11/23 08:45	Analyzed:	01/12/23 14:41
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BA30472	Sequence:	S3A1314	Calibration:	SK20027
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.40	60.0	36.6 - 118	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,2-Dichlorobenzene-d4	425840	9.173	381785	9.173	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-1 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-08	File ID:	E800068632.D
Sampled:	01/05/23 16:15	Prepared:	01/11/23 08:45	Analyzed:	01/12/23 14:59
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BA30472	Sequence:	S3A1314	Calibration:	SK20027
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.83	70.8	36.6 - 118	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,2-Dichlorobenzene-d4	423463	9.173	381785	9.173	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
CLASS: PFAS
METHOD: EPA 1633 Draft 2

DATA PACKAGE COVER PAGE

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

Client: DT Consulting Services

Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08
Field Blank	23A0356-10

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 2/15/2023

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-01	File ID:	QQQ23133.d
Sampled:	01/05/23 09:20	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:06
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	280.58 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	6.29		
307-24-4	Perfluorohexanoic acid (PFHxA)	1	9.10		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	3.40		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	2.13		UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	7.27		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	14.2		
375-95-1	Perfluorononanoic acid (PFNA)	1	1.11	J	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.78	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.78	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.78	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.78	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.78	U	
2355-31-9	N-MeFOSAA	1	1.78	U	
2991-50-6	N-EtFOSAA	1	1.78	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	8.54		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.78	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.78	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.78	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.13	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.13	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	6.32	J	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.56	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.56	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.56	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.56	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.78	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.13	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.13	U	
763051-92-9	11CL-PF3OUdS	1	7.13	U	
756426-58-1	9CL-PF3ONS	1	7.13	U	
919005-14-4	ADONA	1	7.13	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.78	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.78	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.46	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	22.3	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	22.3	U	UJ
24448-09-7	N-MeFOSE	1	17.8	U	
31506-32-8	N-MeFOSA	1	1.78	U	UJ
1691-99-2	N-EtFOSE	1	17.8	U	
4151-50-2	N-EtFOSA	1	0.178	U	UJ

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-01	File ID:	QQQ23133.d
Sampled:	01/05/23 09:20	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:06
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	280.58 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	41.5	24.0	57.8	25 - 150	
M5PFHxA	44.6	22.4	50.3	25 - 150	
M4PFHpA	44.6	19.1	42.8	25 - 150	
M3PFHxS	42.2	30.0	71.1	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	44.6	21.2	47.5	25 - 150	
M6PFDA	22.3	13.1	58.8	25 - 150	
M7PFUdA	22.3	12.1	54.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	22.3	10.6	47.5	25 - 150	
M2PFTeDA	22.3	9.19	41.3	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	178	76.5	43.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	42.7	31.6	74.1	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.1	41.9	47.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	44.6	10.6	23.9	10 - 150	
d3-N-MeFOSAA	89.1	55.5	62.3	25 - 150	
d5-N-EtFOSAA	89.1	58.6	65.8	25 - 150	
M2-6:2 FTS	84.7	44.6	52.6	25 - 200	
M2-8:2 FTS	85.5	43.3	50.6	25 - 200	
M9PFNA	22.3	13.1	58.7	25 - 150	
M2-4:2 FTS	83.6	43.7	52.3	25 - 150	
d-N-MeFOSA	44.6	14.9	33.5	25 - 150	
d-N-EtFOSA	44.6	30.9	69.4	25 - 150	
M3HFPO-DA	178	68.1	38.2	25 - 150	
d9-N-EtFOSE	446	195	43.9	25 - 150	
d7-N-MeFOSE	446	161	36.2	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	49750.71	1.078583	51393.73	1.078583	
MPFDA	20612.01	8.3456	21926.46	8.419733	
MPFHxA	72039.06	5.78745	71951.72	5.8152	
MPFHxS	4952.859	6.6735	4331.479	6.719717	
MPFNA	23274.58	7.82635	23499.05	7.8913	
MPFOA	62444.51	7.231367	63936.53	7.286867	
MPFOS	10998.58	7.853034	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3225.733	7.816683	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	24083.41	7.230883	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	60806.21	4.0904	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	67017.91	1.076283	185775.8	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	21273.32	9.18715	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3403.71	7.85265	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	3777.052	8.98905	19829.24	9.0539	*
M7PFUdA-EIS	24185.61	8.797684	45671.73	8.872766	
M6PFDA-EIS	14042.07	8.345183	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-01	File ID:	QQQ23133.d
Sampled:	01/05/23 09:20	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:06
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	280.58 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	41906.92	5.786433	95763.06	5.804934	
M4PFHpA-EIS	8995.026	6.572834	21412.51	6.6102	
M3PFHxS-EIS	8169.148	6.674033	12760.05	6.711017	
M3PFBS-EIS	10789.35	4.9378	20099.1	4.95625	
M3-HFPO-DA-EIS	21871.66	6.049167	60868.45	6.076883	
M2PFTeDA-EIS	11762.31	9.879017	24376.31	9.9437	
M2-8-2FTS-EIS	20783.1	8.3258	37510.51	8.390667	
M2-6-2FTS-EIS	15617.58	7.18365	26865.83	7.23915	
M2-4-2FTS-EIS	23413.32	5.72065	42811.21	5.7484	
d9-NEtFOSE-EIS	4012.466	10.12157	10289.56	10.1866	
d7-NMeFOSE-EIS	4225.422	9.8639	12998.28	9.9285	
d5-NEtFOSA-EIS	913.504	10.14353	121.1629	10.06057	*
d5-N-EtFOSAA-EIS	21661.89	8.768467	33596.31	8.843984	
d3-NMeFOSA-EIS	836.7321	9.85835	2503.835	9.92295	
d3-N-MeFOSAA-EIS	23301.25	8.546866	40068.17	8.621	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-03	File ID:	QQQ23134.d
Sampled:	01/05/23 11:32	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:22
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	261.88 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	5.72		
307-24-4	Perfluorohexanoic acid (PFHxA)	1	12.3		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	9.44		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	17.6		J
335-67-1	Perfluorooctanoic acid (PFOA)	1	42.5		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	160		
375-95-1	Perfluorononanoic acid (PFNA)	1	1.18	J	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.91	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.91	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.91	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.91	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.00	J	
2355-31-9	N-MeFOSAA	1	3.12		
2991-50-6	N-EtFOSAA	1	19.4		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	8.01		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.91	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	6.05		
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.91	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.64	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.64	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	11.6		
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.82	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.82	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.82	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.82	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	3.36		
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.64	U	
13252-13-6	HFPO-DA (Gen-X)	1	4.94	J	
763051-92-9	11CL-PF3OUdS	1	7.64	U	
756426-58-1	9CL-PF3ONS	1	7.64	U	
919005-14-4	ADONA	1	7.64	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.91	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.91	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	2.31	J	J
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	10.7	J	J
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.9	U	UJ
24448-09-7	N-MeFOSE	1	19.1	U	
31506-32-8	N-MeFOSA	1	1.91	U	UJ
1691-99-2	N-EtFOSE	1	8.52	J	
4151-50-2	N-EtFOSA	1	ND		UJ

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-03	File ID:	QQQ23134.d
Sampled:	01/05/23 11:32	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:22
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	261.88 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	44.5	30.1	67.6	25 - 150	
M5PFHxA	47.7	35.3	74.0	25 - 150	
M4PFHpA	47.7	31.2	65.4	25 - 150	
M3PFHxS	45.2	37.4	82.7	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	47.7	36.0	75.4	25 - 150	
M6PFDA	23.9	17.3	72.3	25 - 150	
M7PFUdA	23.9	13.9	58.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	23.9	11.6	48.5	25 - 150	
M2PFTeDA	23.9	7.06	29.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	191	121	63.5	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	45.7	40.7	89.0	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	95.5	77.1	80.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	47.7	18.0	37.8	10 - 150	
d3-N-MeFOSAA	95.5	57.4	60.2	25 - 150	
d5-N-EtFOSAA	95.5	55.3	57.9	25 - 150	
M2-6:2 FTS	90.8	116	128	25 - 200	
M2-8:2 FTS	91.6	59.5	65.0	25 - 200	
M9PFNA	23.9	20.0	83.8	25 - 150	
M2-4:2 FTS	89.5	132	147	25 - 150	
d-N-MeFOSA	47.7	16.9	35.3	25 - 150	
d-N-EtFOSA	47.7	29.6	62.0	25 - 150	
M3HFPO-DA	191	119	62.3	25 - 150	
d9-N-EtFOSE	477	155	32.4	25 - 150	
d7-N-MeFOSE	477	146	30.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	51002.34	1.0694	51393.73	1.078583	
MPFDA	20493.05	8.354867	21926.46	8.419733	
MPFHxA	60142.71	5.7597	71951.72	5.8152	
MPFHxS	4951.223	6.626783	4331.479	6.719717	
MPFNA	23801.59	7.7985	23499.05	7.8913	
MPFOA	43466.61	7.194366	63936.53	7.286867	
MPFOS	10779.93	7.843767	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4704.483	7.8074	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	26593.88	7.193883	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	87194.41	4.108783	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	101453.3	1.067117	185775.8	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	21581.41	9.224216	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3983.603	7.843383	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	5860.031	9.007584	19829.24	9.0539	
M7PFUdA-EIS	25784.36	8.81625	45671.73	8.872766	
M6PFDA-EIS	17171.38	8.35445	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-03	File ID:	QQQ23134.d
Sampled:	01/05/23 11:32	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:22
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	261.88 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	51424.21	5.758683	95763.06	5.804934	
M4PFHpA-EIS	11416.65	6.526533	21412.51	6.6102	
M3PFHxS-EIS	9536.975	6.618017	12760.05	6.711017	
M3PFBS-EIS	12596.99	4.928583	20099.1	4.95625	
M3-HFPO-DA-EIS	29769.49	6.012217	60868.45	6.076883	
M2PFTeDA-EIS	8374.445	9.915934	24376.31	9.9437	
M2-8-2FTS-EIS	26691.22	8.3258	37510.51	8.390667	
M2-6-2FTS-EIS	38089.16	7.137383	26865.83	7.23915	
M2-4-2FTS-EIS	65913.57	5.70215	42811.21	5.7484	*
d9-NEtFOSE-EIS	2917.765	10.15898	10289.56	10.1866	
d7-NMeFOSE-EIS	3819.666	9.891583	12998.28	9.9285	
d5-NEtFOSA-EIS	689.363	10.17075	121.1629	10.06057	*
d5-N-EtFOSAA-EIS	18689.57	8.7875	33596.31	8.843984	
d3-NMeFOSA-EIS	870.0096	9.886033	2503.835	9.92295	
d3-N-MeFOSAA-EIS	22053.98	8.556133	40068.17	8.621	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-04	File ID:	QQQ23135.d
Sampled:	01/05/23 12:15	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:38
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	280.79 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	2.81		
307-24-4	Perfluorohexanoic acid (PFHxA)	1	8.00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	3.91		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	6.78		J
335-67-1	Perfluorooctanoic acid (PFOA)	1	16.1		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	75.5		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.719	J	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.78	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.78	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.78	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.78	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.78	U	
2355-31-9	N-MeFOSAA	1	1.78	U	
2991-50-6	N-EtFOSAA	1	19.2		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	8.99		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.78	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	2.05		
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.78	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.12	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.12	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	8.09		
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.56	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.56	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.56	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.56	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.35	J	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.12	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.12	U	
763051-92-9	11CL-PF3OUdS	1	7.12	U	
756426-58-1	9CL-PF3ONS	1	7.12	U	
919005-14-4	ADONA	1	7.12	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.78	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.78	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.45	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	22.3	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	22.3	U	UJ
24448-09-7	N-MeFOSE	1	17.8	U	
31506-32-8	N-MeFOSA	1	1.78	U	UJ
1691-99-2	N-EtFOSE	1	5.30	J	
4151-50-2	N-EtFOSA	1	1.98 UJ ~~1.98~~	B	UJ

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-04	File ID:	QQQ23135.d
Sampled:	01/05/23 12:15	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:38
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	280.79 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	41.5	33.4	80.6	25 - 150	
M5PFHxA	44.5	38.2	85.7	25 - 150	
M4PFHpA	44.5	30.2	67.7	25 - 150	
M3PFHxS	42.2	39.4	93.3	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	44.5	36.9	82.8	25 - 150	
M6PFDA	22.3	16.4	73.7	25 - 150	
M7PFUdA	22.3	12.7	57.0	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	22.3	8.86	39.8	25 - 150	
M2PFTeDA	22.3	7.27	32.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	178	153	85.7	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	42.6	39.7	93.1	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.0	76.4	85.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	44.5	35.4	79.5	10 - 150	
d3-N-MeFOSAA	89.0	51.6	57.9	25 - 150	
d5-N-EtFOSAA	89.0	47.4	53.2	25 - 150	
M2-6:2 FTS	84.7	98.4	116	25 - 200	
M2-8:2 FTS	85.5	53.1	62.1	25 - 200	
M9PFNA	22.3	20.3	91.1	25 - 150	
M2-4:2 FTS	83.5	113	136	25 - 150	
d-N-MeFOSA	44.5	18.1	40.6	25 - 150	
d-N-EtFOSA	44.5	31.1	69.8	25 - 150	
M3HFPO-DA	178	128	72.1	25 - 150	
d9-N-EtFOSE	445	138	31.0	25 - 150	
d7-N-MeFOSE	445	165	37.1	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	52315.91	1.078583	51393.73	1.078583	
MPFDA	19404.83	8.317817	21926.46	8.419733	
MPFHxA	71834.76	5.76895	71951.72	5.8152	
MPFHxS	4740.995	6.626783	4331.479	6.719717	
MPFNA	22884.86	7.7702	23499.05	7.8913	
MPFOA	51838.92	7.175867	63936.53	7.286867	
MPFOS	9969.48	7.815917	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4921.431	7.769767	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	34860.61	7.175367	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	110567.8	4.099583	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	140541.1	1.085467	185775.8	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	16793.01	9.21495	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3850.814	7.815533	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	11407.94	8.98905	19829.24	9.0539	
M7PFUdA-EIS	23871.8	8.797684	45671.73	8.872766	
M6PFDA-EIS	16553.7	8.317384	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-04	File ID:	QQQ23135.d
Sampled:	01/05/23 12:15	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:38
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	280.79 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	71142.43	5.767933	95763.06	5.804934	
M4PFHpA-EIS	14127.58	6.535783	21412.51	6.6102	
M3PFHxS-EIS	10265.96	6.627267	12760.05	6.711017	
M3PFBS-EIS	14394.29	4.9378	20099.1	4.95625	
M3-HFPO-DA-EIS	41122.52	6.02145	60868.45	6.076883	
M2PFTeDA-EIS	8747.703	9.92515	24376.31	9.9437	
M2-8-2FTS-EIS	24425.53	8.298017	37510.51	8.390667	
M2-6-2FTS-EIS	33025.44	7.137383	26865.83	7.23915	
M2-4-2FTS-EIS	58131.49	5.7114	42811.21	5.7484	
d9-NEtFOSE-EIS	2577.223	10.16818	10289.56	10.1866	
d7-NMeFOSE-EIS	3928.942	9.900817	12998.28	9.9285	
d5-NEtFOSA-EIS	165.6235	10.05135	121.1629	10.06057	
d5-N-EtFOSAA-EIS	15897.92	8.7592	33596.31	8.843984	
d3-NMeFOSA-EIS	923.7821	9.89525	2503.835	9.92295	
d3-N-MeFOSAA-EIS	19636.26	8.528316	40068.17	8.621	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-05	File ID:	QQQ23136.d
Sampled:	01/05/23 13:30	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:54
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	268.54 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	2.63		
307-24-4	Perfluorohexanoic acid (PFHxA)	1	3.60		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	2.16		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.801	J	J
335-67-1	Perfluorooctanoic acid (PFOA)	1	4.58		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	7.63		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.570	J	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.86	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.86	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.86	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.86	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.86	U	
2355-31-9	N-MeFOSAA	1	1.86	U	
2991-50-6	N-EtFOSAA	1	1.86	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	4.25		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.86	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.86	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.86	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.45	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.45	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	4.19	J	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.72	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.72	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.72	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.72	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.86	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.45	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.45	U	
763051-92-9	11CL-PF3OUdS	1	7.45	U	
756426-58-1	9CL-PF3ONS	1	7.45	U	
919005-14-4	ADONA	1	7.45	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.86	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.86	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.65	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.3	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.3	U	UJ
24448-09-7	N-MeFOSE	1	18.6	U	UJ
31506-32-8	N-MeFOSA	1	1.86	U	UJ
1691-99-2	N-EtFOSE	1	18.6	U	UJ
4151-50-2	N-EtFOSA	1	14.0	B	J

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-05	File ID:	QQQ23136.d
Sampled:	01/05/23 13:30	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:54
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	268.54 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001	Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	43.4	35.8	82.5	25 - 150	
M5PFHxA	46.5	37.0	79.5	25 - 150	
M4PFHpA	46.5	34.5	74.0	25 - 150	
M3PFHxS	44.1	40.0	90.6	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	46.5	34.3	73.6	25 - 150	
M6PFDA	23.3	19.3	83.0	25 - 150	
M7PFUdA	23.3	14.6	62.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	23.3	12.3	52.7	25 - 150	
M2PFTeDA	23.3	12.7	54.4	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	186	148	79.6	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	44.6	41.1	92.2	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	93.1	76.7	82.4	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	46.5	5.33	11.4	10 - 150	
d3-N-MeFOSAA	93.1	63.8	68.6	25 - 150	
d5-N-EtFOSAA	93.1	57.4	61.7	25 - 150	
M2-6:2 FTS	88.5	62.3	70.4	25 - 200	
M2-8:2 FTS	89.4	55.3	61.9	25 - 200	
M9PFNA	23.3	19.8	84.9	25 - 150	
M2-4:2 FTS	87.3	78.4	89.7	25 - 150	
d-N-MeFOSA	46.5	9.19	19.7	25 - 150	*
d-N-EtFOSA	46.5	22.8	48.9	25 - 150	
M3HFPO-DA	186	131	70.6	25 - 150	
d9-N-EtFOSE	465	127	27.3	25 - 150	
d7-N-MeFOSE	465	89.9	19.3	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	51625.52	1.060217	51393.73	1.078583	
MPFDA	18720.17	8.354867	21926.46	8.419733	
MPFHxA	69679.99	5.7782	71951.72	5.8152	
MPFHxS	4754.577	6.663816	4331.479	6.719717	
MPFNA	21945.87	7.807783	23499.05	7.8913	
MPFOA	60466.86	7.212867	63936.53	7.286867	
MPFOS	10637.22	7.853034	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4406.726	7.8074	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	36138.7	7.212383	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	103051.7	4.099583	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	128759.8	1.057933	185775.8	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	21452.18	9.233483	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4070.555	7.85265	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1751.653	9.01685	19829.24	9.0539	*
M7PFUdA-EIS	25345.56	8.825533	45671.73	8.872766	
M6PFDA-EIS	17996.42	8.35445	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-05	File ID:	QQQ23136.d
Sampled:	01/05/23 13:30	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 19:54
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	268.54 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	64002.48	5.777184	95763.06	5.804934	
M4PFHpA-EIS	14974.54	6.563567	21412.51	6.6102	
M3PFHxS-EIS	9996.315	6.6643	12760.05	6.711017	
M3PFBS-EIS	14813.85	4.947017	20099.1	4.95625	
M3-HFPO-DA-EIS	39039.84	6.039933	60868.45	6.076883	
M2PFTeDA-EIS	14057.65	9.92515	24376.31	9.9437	
M2-8-2FTS-EIS	24426.59	8.335067	37510.51	8.390667	
M2-6-2FTS-EIS	20064.4	7.1744	26865.83	7.23915	
M2-4-2FTS-EIS	38573.38	5.72065	42811.21	5.7484	
d9-NEtFOSE-EIS	2422.573	10.15898	10289.56	10.1866	*
d7-NMeFOSE-EIS	2183.278	9.900817	12998.28	9.9285	*
d5-NEtFOSA-EIS	66.13802	10.079	121.1629	10.06057	
d5-N-EtFOSAA-EIS	19640.28	8.7875	33596.31	8.843984	
d3-NMeFOSA-EIS	475.7233	9.89525	2503.835	9.92295	*
d3-N-MeFOSAA-EIS	24800.71	8.5654	40068.17	8.621	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-06	File ID:	QQQ23137.d
Sampled:	01/05/23 14:10	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:10
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	276.54 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001	Instrument:	LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.14	J	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	1.80	J	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.23	J	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.17	J	J
335-67-1	Perfluorooctanoic acid (PFOA)	1	1.80	J	J
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	2.64		
375-95-1	Perfluorononanoic acid (PFNA)	1	1.81	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.81	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.81	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.81	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.81	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.81	U	
2355-31-9	N-MeFOSAA	1	1.81	U	
2991-50-6	N-EtFOSAA	1	1.81	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	2.09	J	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.81	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.81	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.81	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.23	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.23	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	3.90	J	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.62	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.62	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.62	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.62	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.81	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.23	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.23	U	
763051-92-9	11CL-PF3OUdS	1	7.23	U	
756426-58-1	9CL-PF3ONS	1	7.23	U	
919005-14-4	ADONA	1	7.23	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.81	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.81	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.52	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	22.6	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	22.6	U	UJ
24448-09-7	N-MeFOSE	1	18.1	U	
31506-32-8	N-MeFOSA	1	1.81	U	UJ
1691-99-2	N-EtFOSE	1	18.1	U	
4151-50-2	N-EtFOSA	1	0.181	U	UJ

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-06	File ID:	QQQ23137.d
Sampled:	01/05/23 14:10	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:10
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	276.54 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	42.1	31.8	75.5	25 - 150	
M5PFHxA	45.2	35.8	79.2	25 - 150	
M4PFHpA	45.2	29.3	64.9	25 - 150	
M3PFHxS	42.9	34.8	81.3	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	45.2	32.5	72.0	25 - 150	
M6PFDA	22.6	15.7	69.7	25 - 150	
M7PFUdA	22.6	14.9	66.1	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	22.6	12.5	55.5	25 - 150	
M2PFTeDA	22.6	9.89	43.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	181	140	77.5	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	43.3	42.0	97.0	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	90.4	69.2	76.6	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	45.2	9.27	20.5	10 - 150	
d3-N-MeFOSAA	90.4	66.8	73.9	25 - 150	
d5-N-EtFOSAA	90.4	72.5	80.2	25 - 150	
M2-6:2 FTS	86.0	51.9	60.4	25 - 200	
M2-8:2 FTS	86.8	59.5	68.6	25 - 200	
M9PFNA	22.6	17.3	76.4	25 - 150	
M2-4:2 FTS	84.8	49.2	58.0	25 - 150	
d-N-MeFOSA	45.2	18.7	41.5	25 - 150	
d-N-EtFOSA	45.2	30.5	67.4	25 - 150	
M3HFPO-DA	181	120	66.2	25 - 150	
d9-N-EtFOSE	452	185	41.0	25 - 150	
d7-N-MeFOSE	452	181	40.1	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	51125.61	1.060217	51393.73	1.078583	
MPFDA	22222.26	8.428984	21926.46	8.419733	
MPFHxA	68841.32	5.75045	71951.72	5.8152	
MPFHxS	4974.488	6.663816	4331.479	6.719717	
MPFNA	23720.74	7.882033	23499.05	7.8913	
MPFOA	60126.12	7.259117	63936.53	7.286867	
MPFOS	10447.58	7.927283	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4278.112	7.881633	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	35131.13	7.258633	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	94619.77	4.0812	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	124160.3	1.057933	185775.8	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	26808.29	9.270567	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4208.012	7.9269	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	3084.772	9.0726	19829.24	9.0539	*
M7PFUdA-EIS	31720.91	8.882033	45671.73	8.872766	
M6PFDA-EIS	17931.4	8.428567	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-06	File ID:	QQQ23137.d
Sampled:	01/05/23 14:10	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:10
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	276.54 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	63009.54	5.749434	95763.06	5.804934	
M4PFHpA-EIS	12975.69	6.563567	21412.51	6.6102	
M3PFHxS-EIS	9382.353	6.674033	12760.05	6.711017	
M3PFBS-EIS	14144.17	4.918684	20099.1	4.95625	
M3-HFPO-DA-EIS	36188.75	6.02145	60868.45	6.076883	
M2PFTeDA-EIS	13421.92	9.952917	24376.31	9.9437	
M2-8-2FTS-EIS	28309.11	8.409184	37510.51	8.390667	
M2-6-2FTS-EIS	18005.78	7.22065	26865.83	7.23915	
M2-4-2FTS-EIS	26086.16	5.6929	42811.21	5.7484	
d9-NEtFOSE-EIS	3573.405	10.1866	10289.56	10.1866	
d7-NMeFOSE-EIS	4456.586	9.9285	12998.28	9.9285	
d5-NEtFOSA-EIS	453.4169	10.19838	121.1629	10.06057	*
d5-N-EtFOSAA-EIS	25081.64	8.853267	33596.31	8.843984	
d3-NMeFOSA-EIS	985.1779	9.92295	2503.835	9.92295	
d3-N-MeFOSAA-EIS	26263.3	8.630267	40068.17	8.621	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-07	File ID:	QQQ23139.d
Sampled:	01/05/23 15:00	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:42
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	275.19 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.55	J	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	2.77		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.69	J	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.673	J	J
335-67-1	Perfluorooctanoic acid (PFOA)	1	4.86		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	6.61		
375-95-1	Perfluorononanoic acid (PFNA)	1	1.82	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.82	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.82	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.82	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.82	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.82	U	
2355-31-9	N-MeFOSAA	1	1.82	U	
2991-50-6	N-EtFOSAA	1	3.19		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	2.58	J	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.03	J	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.82	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.82	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.27	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.27	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	5.51	J	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.63	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.63	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.63	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.63	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.82	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.27	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.27	U	
763051-92-9	11CL-PF3OUdS	1	7.27	U	
756426-58-1	9CL-PF3ONS	1	7.27	U	
919005-14-4	ADONA	1	7.27	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.82	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.82	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.54	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	22.7	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	22.7	U	UJ
24448-09-7	N-MeFOSE	1	18.2	U	
31506-32-8	N-MeFOSA	1	1.82	U	UJ
1691-99-2	N-EtFOSE	1	18.2	U	
4151-50-2	N-EtFOSA	1	ND		UJ

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-07	File ID:	QQQ23139.d
Sampled:	01/05/23 15:00	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:42
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	275.19 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	42.3	41.6	98.2	25 - 150	
M5PFHxA	45.4	50.6	111	25 - 150	
M4PFHpA	45.4	43.1	94.8	25 - 150	
M3PFHxS	43.1	47.8	111	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	45.4	47.5	105	25 - 150	
M6PFDA	22.7	24.4	107	25 - 150	
M7PFUdA	22.7	22.5	99.2	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	22.7	17.8	78.4	25 - 150	
M2PFTeDA	22.7	13.8	60.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	182	175	96.5	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	43.5	52.3	120	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	90.8	103	113	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	45.4	18.2	40.1	10 - 150	
d3-N-MeFOSAA	90.8	80.2	88.3	25 - 150	
d5-N-EtFOSAA	90.8	79.1	87.1	25 - 150	
M2-6:2 FTS	86.4	72.8	84.3	25 - 200	
M2-8:2 FTS	87.2	74.2	85.1	25 - 200	
M9PFNA	22.7	27.3	120	25 - 150	
M2-4:2 FTS	85.2	90.5	106	25 - 150	
d-N-MeFOSA	45.4	19.8	43.6	25 - 150	
d-N-EtFOSA	45.4	35.1	77.3	25 - 150	
M3HFPO-DA	182	180	99.2	25 - 150	
d9-N-EtFOSE	454	226	49.7	25 - 150	
d7-N-MeFOSE	454	224	49.4	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	52091.65	1.0694	51393.73	1.078583	
MPFDA	19899.92	8.428984	21926.46	8.419733	
MPFHxA	68133.16	5.7597	71951.72	5.8152	
MPFHxS	4811.98	6.682734	4331.479	6.719717	
MPFNA	23365.08	7.8913	23499.05	7.8913	
MPFOA	57898.38	7.277617	63936.53	7.286867	
MPFOS	10441.66	7.936567	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6618.122	7.890917	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	49116.98	7.277133	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	138541	4.053633	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	157604.9	1.067117	185775.8	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	33906.24	9.270567	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	5208.76	7.9269	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	6018.805	9.063334	19829.24	9.0539	
M7PFUdA-EIS	42621.4	8.882033	45671.73	8.872766	
M6PFDA-EIS	24723.33	8.428567	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-07	File ID:	QQQ23139.d
Sampled:	01/05/23 15:00	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:42
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	275.19 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	87721.2	5.758683	95763.06	5.804934	
M4PFHpA-EIS	18753.91	6.5821	21412.51	6.6102	
M3PFHxS-EIS	12383.34	6.683283	12760.05	6.711017	
M3PFBS-EIS	17803.43	4.90025	20099.1	4.95625	
M3-HFPO-DA-EIS	53648.09	6.0307	60868.45	6.076883	
M2PFTeDA-EIS	16686.85	9.934484	24376.31	9.9437	
M2-8-2FTS-EIS	33978.86	8.409184	37510.51	8.390667	
M2-6-2FTS-EIS	24320.38	7.2299	26865.83	7.23915	
M2-4-2FTS-EIS	46168.03	5.70215	42811.21	5.7484	
d9-NEtFOSE-EIS	4309.086	10.16818	10289.56	10.1866	
d7-NMeFOSE-EIS	5482.857	9.919267	12998.28	9.9285	
d5-NEtFOSA-EIS	987.4418	10.18917	121.1629	10.06057	*
d5-N-EtFOSAA-EIS	27235.59	8.853267	33596.31	8.843984	
d3-NMeFOSA-EIS	1037.202	9.913716	2503.835	9.92295	
d3-N-MeFOSAA-EIS	31358.04	8.630267	40068.17	8.621	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-1 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-08	File ID:	QQQ23140.d
Sampled:	01/05/23 16:15	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:58
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	270.89 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	6.57		
307-24-4	Perfluorohexanoic acid (PFHxA)	1	8.16		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	2.60		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.63	J	J
335-67-1	Perfluorooctanoic acid (PFOA)	1	8.33		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	15.4		
375-95-1	Perfluorononanoic acid (PFNA)	1	1.00	J	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.85	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.85	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.85	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.85	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.85	U	
2355-31-9	N-MeFOSAA	1	1.85	U	
2991-50-6	N-EtFOSAA	1	1.50	J	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	7.74		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.943	J	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.85	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.85	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.38	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.38	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	5.86	J	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.69	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.69	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.69	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.69	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.85	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.38	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.38	U	
763051-92-9	11CL-PF3OUdS	1	7.38	U	
756426-58-1	9CL-PF3ONS	1	7.38	U	
919005-14-4	ADONA	1	7.38	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.85	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.85	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.61	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.1	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.1	U	UJ
24448-09-7	N-MeFOSE	1	18.5	U	
31506-32-8	N-MeFOSA	1	1.85	U	UJ
1691-99-2	N-EtFOSE	1	18.5	U	
4151-50-2	N-EtFOSA	1	1.67 UJ ~~1.67~~	B	UJ

MKP 3/7/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-1 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-08	File ID:	QQQ23140.d
Sampled:	01/05/23 16:15	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:58
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	270.89 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001	Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	43.0	40.0	93.1	25 - 150	
M5PFHxA	46.1	46.5	101	25 - 150	
M4PFHpA	46.1	40.0	86.7	25 - 150	
M3PFHxS	43.7	45.3	103	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	46.1	42.5	92.0	25 - 150	
M6PFDA	23.1	27.3	118	25 - 150	
M7PFUdA	23.1	21.5	93.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	23.1	18.8	81.6	25 - 150	
M2PFTeDA	23.1	13.1	56.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	185	202	109	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	44.2	51.7	117	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	92.3	93.6	101	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	46.1	43.5	94.3	10 - 150	
d3-N-MeFOSAA	92.3	85.3	92.5	25 - 150	
d5-N-EtFOSAA	92.3	87.1	94.4	25 - 150	
M2-6:2 FTS	87.8	74.1	84.5	25 - 200	
M2-8:2 FTS	88.6	66.1	74.6	25 - 200	
M9PFNA	23.1	24.9	108	25 - 150	
M2-4:2 FTS	86.6	90.9	105	25 - 150	
d-N-MeFOSA	46.1	29.0	62.9	25 - 150	
d-N-EtFOSA	46.1	38.9	84.3	25 - 150	
M3HFPO-DA	185	165	89.5	25 - 150	
d9-N-EtFOSE	461	262	56.8	25 - 150	
d7-N-MeFOSE	461	285	61.7	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	55773.11	1.05105	51393.73	1.078583	
MPFDA	21297.14	8.428984	21926.46	8.419733	
MPFHxA	80063.42	5.78745	71951.72	5.8152	
MPFHxS	5515.76	6.710484	4331.479	6.719717	
MPFNA	23551.87	7.909867	23499.05	7.8913	
MPFOA	67071.63	7.2967	63936.53	7.286867	
MPFOS	10711.42	7.94585	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	5996.494	7.9002	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	50103.65	7.296283	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	145735.3	4.072017	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	191378.2	1.04875	185775.8	1.076283	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	37765.34	9.2613	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	5195.511	7.945317	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	14536.37	9.0539	19829.24	9.0539	
M7PFUdA-EIS	42917.91	8.872766	45671.73	8.872766	
M6PFDA-EIS	29145.08	8.428567	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

MW-1 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-08	File ID:	QQQ23140.d
Sampled:	01/05/23 16:15	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 20:58
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	270.89 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	93231.47	5.786433	95763.06	5.804934	
M4PFHpA-EIS	20153.43	6.60095	21412.51	6.6102	
M3PFHxS-EIS	13235.18	6.711017	12760.05	6.711017	
M3PFBS-EIS	19333.54	4.928583	20099.1	4.95625	
M3-HFPO-DA-EIS	56871.95	6.0584	60868.45	6.076883	
M2PFTeDA-EIS	16640.88	9.915934	24376.31	9.9437	
M2-8-2FTS-EIS	34123.56	8.409184	37510.51	8.390667	
M2-6-2FTS-EIS	27928.66	7.2484	26865.83	7.23915	
M2-4-2FTS-EIS	52355.95	5.7299	42811.21	5.7484	
d9-NEtFOSE-EIS	5065.37	10.14002	10289.56	10.1866	
d7-NMeFOSE-EIS	7021.774	9.900817	12998.28	9.9285	
d5-NEtFOSA-EIS	1087.09	10.16155	121.1629	10.06057	*
d5-N-EtFOSAA-EIS	30287.14	8.853267	33596.31	8.843984	
d3-NMeFOSA-EIS	1538.1	9.895267	2503.835	9.92295	
d3-N-MeFOSAA-EIS	33680.02	8.630267	40068.17	8.621	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-10	File ID:	QQQ23141.d
Sampled:	01/05/23 16:30	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 21:15
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	281.05 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001	Instrument:	LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.78	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	1.78	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.78	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.78	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	1.78	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.78	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	1.78	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.78	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.78	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.78	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.78	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.78	U	
2355-31-9	N-MeFOSAA	1	1.78	U	
2991-50-6	N-EtFOSAA	1	1.78	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	3.56	U	UJ
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.78	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.78	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.78	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.12	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.12	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.40	J	J
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.56	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.56	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.56	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.56	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.78	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.12	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.12	U	
763051-92-9	11CL-PF3OUdS	1	7.12	U	
756426-58-1	9CL-PF3ONS	1	7.12	U	
919005-14-4	ADONA	1	7.12	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.78	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.78	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.45	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	22.2	U	UJ
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	22.2	U	UJ
24448-09-7	N-MeFOSE	1	17.8	U	UJ
31506-32-8	N-MeFOSA	1	2.08		J
1691-99-2	N-EtFOSE	1	17.8	U	UJ
4151-50-2	N-EtFOSA	1	5.65	B	J

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-10	File ID:	QQQ23141.d
Sampled:	01/05/23 16:30	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 21:15
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	281.05 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001	Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	41.5	40.3	97.2	25 - 150	
M5PFHxA	44.5	46.7	105	25 - 150	
M4PFHpA	44.5	45.8	103	25 - 150	
M3PFHxS	42.2	49.1	116	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	44.5	42.2	94.8	25 - 150	
M6PFDA	22.2	22.3	100	25 - 150	
M7PFUdA	22.2	19.7	88.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	22.2	18.4	82.8	25 - 150	
M2PFTeDA	22.2	15.2	68.4	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	178	8.90	5.00	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	42.6	47.4	111	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.0	47.2	53.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	44.5	17.5	39.3	10 - 150	
d3-N-MeFOSAA	89.0	79.9	89.9	25 - 150	
d5-N-EtFOSAA	89.0	87.3	98.1	25 - 150	
M2-6:2 FTS	84.6	74.6	88.1	25 - 200	
M2-8:2 FTS	85.4	74.5	87.3	25 - 200	
M9PFNA	22.2	25.1	113	25 - 150	
M2-4:2 FTS	83.4	66.4	79.6	25 - 150	
d-N-MeFOSA	44.5	5.94	13.4	25 - 150	*
d-N-EtFOSA	44.5	24.2	54.5	25 - 150	
M3HFPO-DA	178	164	92.2	25 - 150	
d9-N-EtFOSE	445	89.0	20.0	25 - 150	*
d7-N-MeFOSE	445	112	25.3	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	47951.42	1.060217	51393.73	1.078583	
MPFDA	21301.46	8.447516	21926.46	8.419733	
MPFHxA	68971.78	5.80595	71951.72	5.8152	
MPFHxS	4620.431	6.719717	4331.479	6.719717	
MPFNA	23064.73	7.91915	23499.05	7.8913	
MPFOA	61209.36	7.305967	63936.53	7.286867	
MPFOS	10703.41	7.955133	11299.72	7.927283	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	6144.477	7.918766	6882.336	7.890917	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	47134.91	7.305533	51756.62	7.286383	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	65623.97	4.0904	149245.3	4.108783	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	7475.542	1.057933	185775.8	1.076283	*
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	38352.87	9.279834	44062.63	9.2613	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4943.432	7.963867	5224.512	7.9269	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	6052.755	9.0726	19829.24	9.0539	
M7PFUdA-EIS	40800.33	8.891316	45671.73	8.872766	
M6PFDA-EIS	24705.68	8.4471	27211.09	8.4193	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 2

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-10	File ID:	QQQ23141.d
Sampled:	01/05/23 16:30	Prepared:	01/10/23 15:06	Analyzed:	01/13/23 21:15
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	281.05 mL / 5 mL
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M5PFHxA-EIS	83676.84	5.804934	95763.06	5.804934	
M4PFHpA-EIS	20607.36	6.619467	21412.51	6.6102	
M3PFHxS-EIS	12477.07	6.720267	12760.05	6.711017	
M3PFBS-EIS	16912.42	4.947017	20099.1	4.95625	
M3-HFPO-DA-EIS	50506.52	6.076883	60868.45	6.076883	
M2PFTeDA-EIS	20120.87	9.9437	24376.31	9.9437	
M2-8-2FTS-EIS	33453.87	8.427716	37510.51	8.390667	
M2-6-2FTS-EIS	24419.29	7.2669	26865.83	7.23915	
M2-4-2FTS-EIS	33244.8	5.73915	42811.21	5.7484	
d9-NEtFOSE-EIS	1760.25	10.1774	10289.56	10.1866	*
d7-NMeFOSE-EIS	2874.972	9.9285	12998.28	9.9285	*
d5-NEtFOSA-EIS	161.3219	10.10667	121.1629	10.06057	
d5-N-EtFOSAA-EIS	31450.11	8.86255	33596.31	8.843984	
d3-NMeFOSA-EIS	322.991	9.92295	2503.835	9.92295	*
d3-N-MeFOSAA-EIS	32702.77	8.639533	40068.17	8.621	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: PEST

METHOD: EPA 8081B

No data validation qualifiers were added

MKP 3/7/2023

DATA PACKAGE COVER PAGE

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 2/14/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-01	File ID:	P60035826.D
Sampled:	01/05/23 09:20	Prepared:	01/09/23 08:11	Analyzed:	01/13/23 05:01
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	800 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1316	Calibration:	SA30021
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00500	U
72-55-9	4,4'-DDE	1	0.00500	U
50-29-3	4,4'-DDT	1	0.00500	U
309-00-2	Aldrin	1	0.00500	U
319-84-6	alpha-BHC	1	0.00500	U
5103-71-9	alpha-Chlordane	1	0.00500	U
319-85-7	beta-BHC	1	0.00500	U
319-86-8	delta-BHC	1	0.00500	U
60-57-1	Dieldrin	1	0.00250	U
959-98-8	Endosulfan I	1	0.00500	U
33213-65-9	Endosulfan II	1	0.00500	U
1031-07-8	Endosulfan sulfate	1	0.00500	U
72-20-8	Endrin	1	0.00500	U
7421-93-4	Endrin aldehyde	1	0.0125	U
53494-70-5	Endrin ketone	1	0.0125	U
58-89-9	gamma-BHC (Lindane)	1	0.00500	U
5566-34-7	gamma-Chlordane	1	0.0125	U
76-44-8	Heptachlor	1	0.00500	U
1024-57-3	Heptachlor epoxide	1	0.00500	U
72-43-5	Methoxychlor	1	0.00500	U
8001-35-2	Toxaphene	1	0.125	U
12789-03-6	Chlordane, total	1	0.250	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.250	0.150	59.9	30 - 150	
Tetrachloro-m-xylene	0.250	0.127	50.7	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: P60035827.D

Sampled: 01/05/23 11:32 Prepared: 01/09/23 08:11 Analyzed: 01/13/23 05:19

Solids: Preparation: EPA SW846-3510C Low Le Initial/Final: 950 mL / 1 mL

Batch: BA30305 Sequence: S3A1316 Calibration: SA30021 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00421	U
72-55-9	4,4'-DDE	1	0.00421	U
50-29-3	4,4'-DDT	1	0.00421	U
309-00-2	Aldrin	1	0.00421	U
319-84-6	alpha-BHC	1	0.00421	U
5103-71-9	alpha-Chlordane	1	0.00421	U
319-85-7	beta-BHC	1	0.00421	U
319-86-8	delta-BHC	1	0.00421	U
60-57-1	Dieldrin	1	0.00211	U
959-98-8	Endosulfan I	1	0.00421	U
33213-65-9	Endosulfan II	1	0.00421	U
1031-07-8	Endosulfan sulfate	1	0.00421	U
72-20-8	Endrin	1	0.00421	U
7421-93-4	Endrin aldehyde	1	0.0105	U
53494-70-5	Endrin ketone	1	0.0105	U
58-89-9	gamma-BHC (Lindane)	1	0.00421	U
5566-34-7	gamma-Chlordane	1	0.0105	U
76-44-8	Heptachlor	1	0.00421	U
1024-57-3	Heptachlor epoxide	1	0.00421	U
72-43-5	Methoxychlor	1	0.00421	U
8001-35-2	Toxaphene	1	0.105	U
12789-03-6	Chlordane, total	1	0.211	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.211	0.109	52.0	30 - 150	
Tetrachloro-m-xylene	0.211	0.109	51.7	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-04	File ID:	P60035828.D
Sampled:	01/05/23 12:15	Prepared:	01/09/23 08:11	Analyzed:	01/13/23 05:37
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	900 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1316	Calibration:	SA30021
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00444	U
72-55-9	4,4'-DDE	1	0.00444	U
50-29-3	4,4'-DDT	1	0.00444	U
309-00-2	Aldrin	1	0.00444	U
319-84-6	alpha-BHC	1	0.00444	U
5103-71-9	alpha-Chlordane	1	0.00444	U
319-85-7	beta-BHC	1	0.00444	U
319-86-8	delta-BHC	1	0.00444	U
60-57-1	Dieldrin	1	0.00222	U
959-98-8	Endosulfan I	1	0.00444	U
33213-65-9	Endosulfan II	1	0.00444	U
1031-07-8	Endosulfan sulfate	1	0.00444	U
72-20-8	Endrin	1	0.00444	U
7421-93-4	Endrin aldehyde	1	0.0111	U
53494-70-5	Endrin ketone	1	0.0111	U
58-89-9	gamma-BHC (Lindane)	1	0.00444	U
5566-34-7	gamma-Chlordane	1	0.0111	U
76-44-8	Heptachlor	1	0.00444	U
1024-57-3	Heptachlor epoxide	1	0.00444	U
72-43-5	Methoxychlor	1	0.00444	U
8001-35-2	Toxaphene	1	0.111	U
12789-03-6	Chlordane, total	1	0.222	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.222	0.106	47.8	30 - 150	
Tetrachloro-m-xylene	0.222	0.101	45.4	30 - 150	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-05	File ID:	P60035829.D
Sampled:	01/05/23 13:30	Prepared:	01/09/23 08:11	Analyzed:	01/13/23 05:55
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	950 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1316	Calibration:	SA30021
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00421	U
72-55-9	4,4'-DDE	1	0.00421	U
50-29-3	4,4'-DDT	1	0.00421	U
309-00-2	Aldrin	1	0.00421	U
319-84-6	alpha-BHC	1	0.00421	U
5103-71-9	alpha-Chlordane	1	0.00421	U
319-85-7	beta-BHC	1	0.00421	U
319-86-8	delta-BHC	1	0.00421	U
60-57-1	Dieldrin	1	0.00211	U
959-98-8	Endosulfan I	1	0.00421	U
33213-65-9	Endosulfan II	1	0.00421	U
1031-07-8	Endosulfan sulfate	1	0.00421	U
72-20-8	Endrin	1	0.00421	U
7421-93-4	Endrin aldehyde	1	0.0105	U
53494-70-5	Endrin ketone	1	0.0105	U
58-89-9	gamma-BHC (Lindane)	1	0.00421	U
5566-34-7	gamma-Chlordane	1	0.0105	U
76-44-8	Heptachlor	1	0.00421	U
1024-57-3	Heptachlor epoxide	1	0.00421	U
72-43-5	Methoxychlor	1	0.00421	U
8001-35-2	Toxaphene	1	0.105	U
12789-03-6	Chlordane, total	1	0.211	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.211	0.127	60.4	30 - 150	
Tetrachloro-m-xylene	0.211	0.129	61.2	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-06	File ID:	P60035830.D
Sampled:	01/05/23 14:10	Prepared:	01/09/23 08:11	Analyzed:	01/13/23 06:13
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1316	Calibration:	SA30021
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00400	U
72-55-9	4,4'-DDE	1	0.00400	U
50-29-3	4,4'-DDT	1	0.00400	U
309-00-2	Aldrin	1	0.00400	U
319-84-6	alpha-BHC	1	0.00400	U
5103-71-9	alpha-Chlordane	1	0.00400	U
319-85-7	beta-BHC	1	0.00400	U
319-86-8	delta-BHC	1	0.00400	U
60-57-1	Dieldrin	1	0.00200	U
959-98-8	Endosulfan I	1	0.00400	U
33213-65-9	Endosulfan II	1	0.00400	U
1031-07-8	Endosulfan sulfate	1	0.00400	U
72-20-8	Endrin	1	0.00400	U
7421-93-4	Endrin aldehyde	1	0.0100	U
53494-70-5	Endrin ketone	1	0.0100	U
58-89-9	gamma-BHC (Lindane)	1	0.00400	U
5566-34-7	gamma-Chlordane	1	0.0100	U
76-44-8	Heptachlor	1	0.00400	U
1024-57-3	Heptachlor epoxide	1	0.00400	U
72-43-5	Methoxychlor	1	0.00400	U
8001-35-2	Toxaphene	1	0.100	U
12789-03-6	Chlordane, total	1	0.200	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.200	0.125	62.5	30 - 150	
Tetrachloro-m-xylene	0.200	0.113	56.5	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: P60035833.D

Sampled: 01/05/23 15:00 Prepared: 01/09/23 08:11 Analyzed: 01/13/23 07:07

Solids: Preparation: EPA SW846-3510C Low Le Initial/Final: 1000 mL / 1 mL

Batch: BA30305 Sequence: S3A1316 Calibration: SA30021 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00400	U
72-55-9	4,4'-DDE	1	0.00400	U
50-29-3	4,4'-DDT	1	0.00400	U
309-00-2	Aldrin	1	0.00400	U
319-84-6	alpha-BHC	1	0.00400	U
5103-71-9	alpha-Chlordane	1	0.00400	U
319-85-7	beta-BHC	1	0.00400	U
319-86-8	delta-BHC	1	0.00400	U
60-57-1	Dieldrin	1	0.00200	U
959-98-8	Endosulfan I	1	0.00400	U
33213-65-9	Endosulfan II	1	0.00400	U
1031-07-8	Endosulfan sulfate	1	0.00400	U
72-20-8	Endrin	1	0.00400	U
7421-93-4	Endrin aldehyde	1	0.0100	U
53494-70-5	Endrin ketone	1	0.0100	U
58-89-9	gamma-BHC (Lindane)	1	0.00400	U
5566-34-7	gamma-Chlordane	1	0.0100	U
76-44-8	Heptachlor	1	0.00400	U
1024-57-3	Heptachlor epoxide	1	0.00400	U
72-43-5	Methoxychlor	1	0.00400	U
8001-35-2	Toxaphene	1	0.100	U
12789-03-6	Chlordane, total	1	0.200	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.200	0.0998	49.9	30 - 150	
Tetrachloro-m-xylene	0.200	0.0863	43.2	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: P60035834.D

Sampled: 01/05/23 16:15 Prepared: 01/09/23 08:11 Analyzed: 01/13/23 07:25

Solids: Preparation: EPA SW846-3510C Low Le Initial/Final: 950 mL / 1 mL

Batch: BA30305 Sequence: S3A1316 Calibration: SA30021 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00421	U
72-55-9	4,4'-DDE	1	0.00421	U
50-29-3	4,4'-DDT	1	0.00421	U
309-00-2	Aldrin	1	0.00421	U
319-84-6	alpha-BHC	1	0.00421	U
5103-71-9	alpha-Chlordane	1	0.00421	U
319-85-7	beta-BHC	1	0.00421	U
319-86-8	delta-BHC	1	0.00421	U
60-57-1	Dieldrin	1	0.00211	U
959-98-8	Endosulfan I	1	0.00421	U
33213-65-9	Endosulfan II	1	0.00421	U
1031-07-8	Endosulfan sulfate	1	0.00421	U
72-20-8	Endrin	1	0.00421	U
7421-93-4	Endrin aldehyde	1	0.0105	U
53494-70-5	Endrin ketone	1	0.0105	U
58-89-9	gamma-BHC (Lindane)	1	0.00421	U
5566-34-7	gamma-Chlordane	1	0.0105	U
76-44-8	Heptachlor	1	0.00421	U
1024-57-3	Heptachlor epoxide	1	0.00421	U
72-43-5	Methoxychlor	1	0.00421	U
8001-35-2	Toxaphene	1	0.105	U
12789-03-6	Chlordane, total	1	0.211	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.211	0.117	55.4	30 - 150	
Tetrachloro-m-xylene	0.211	0.106	50.4	30 - 150	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: ARO

METHOD: EPA 8082A

No data validation qualifiers were added

MKP 3/7/2023

DATA PACKAGE COVER PAGE

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 2/14/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-01	File ID:	P1113808.D
Sampled:	01/05/23 09:20	Prepared:	01/09/23 08:11	Analyzed:	01/11/23 02:44
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	800 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1114	Calibration:	SA30014
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0625	U
11104-28-2	Aroclor 1221	1	0.0625	U
11141-16-5	Aroclor 1232	1	0.0625	U
53469-21-9	Aroclor 1242	1	0.0625	U
12672-29-6	Aroclor 1248	1	0.0625	U
11097-69-1	Aroclor 1254	1	0.0625	U
11096-82-5	Aroclor 1260	1	0.0625	U
1336-36-3	Total PCBs	1	0.0625	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.250	0.155	62.0	30 - 120	
Decachlorobiphenyl	0.250	0.170	68.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-03	File ID:	P1113809.D
Sampled:	01/05/23 11:32	Prepared:	01/09/23 08:11	Analyzed:	01/11/23 02:57
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	950 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1114	Calibration:	SA30014
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0526	U
11104-28-2	Aroclor 1221	1	0.0526	U
11141-16-5	Aroclor 1232	1	0.0526	U
53469-21-9	Aroclor 1242	1	0.0526	U
12672-29-6	Aroclor 1248	1	0.0526	U
11097-69-1	Aroclor 1254	1	0.0526	U
11096-82-5	Aroclor 1260	1	0.0526	U
1336-36-3	Total PCBs	1	0.0526	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.211	0.114	54.0	30 - 120	
Decachlorobiphenyl	0.211	0.116	55.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: P1113810.D

Sampled: 01/05/23 12:15 Prepared: 01/09/23 08:11 Analyzed: 01/11/23 03:11

Solids: Preparation: EPA SW846-3510C Low Le Initial/Final: 900 mL / 1 mL

Batch: BA30305 Sequence: S3A1114 Calibration: SA30014 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0556	U
11104-28-2	Aroclor 1221	1	0.0556	U
11141-16-5	Aroclor 1232	1	0.0556	U
53469-21-9	Aroclor 1242	1	0.0556	U
12672-29-6	Aroclor 1248	1	0.0556	U
11097-69-1	Aroclor 1254	1	0.0556	U
11096-82-5	Aroclor 1260	1	0.0556	U
1336-36-3	Total PCBs	1	0.0556	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.222	0.121	54.5	30 - 120	
Decachlorobiphenyl	0.222	0.128	57.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-05	File ID:	P1113811.D
Sampled:	01/05/23 13:30	Prepared:	01/09/23 08:11	Analyzed:	01/11/23 03:25
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	950 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1114	Calibration:	SA30014
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0526	U
11104-28-2	Aroclor 1221	1	0.0526	U
11141-16-5	Aroclor 1232	1	0.0526	U
53469-21-9	Aroclor 1242	1	0.0526	U
12672-29-6	Aroclor 1248	1	0.0526	U
11097-69-1	Aroclor 1254	1	0.0526	U
11096-82-5	Aroclor 1260	1	0.0526	U
1336-36-3	Total PCBs	1	0.0526	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.211	0.158	75.0	30 - 120	
Decachlorobiphenyl	0.211	0.174	82.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-06	File ID:	P1113814.D
Sampled:	01/05/23 14:10	Prepared:	01/09/23 08:11	Analyzed:	01/11/23 04:06
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1114	Calibration:	SA30014
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0500	U
11104-28-2	Aroclor 1221	1	0.0500	U
11141-16-5	Aroclor 1232	1	0.0500	U
53469-21-9	Aroclor 1242	1	0.0500	U
12672-29-6	Aroclor 1248	1	0.0500	U
11097-69-1	Aroclor 1254	1	0.0500	U
11096-82-5	Aroclor 1260	1	0.0500	U
1336-36-3	Total PCBs	1	0.0500	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.200	0.150	75.0	30 - 120	
Decachlorobiphenyl	0.200	0.137	68.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-07	File ID:	P1113815.D
Sampled:	01/05/23 15:00	Prepared:	01/09/23 08:11	Analyzed:	01/11/23 04:19
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1114	Calibration:	SA30014
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0500	U
11104-28-2	Aroclor 1221	1	0.0500	U
11141-16-5	Aroclor 1232	1	0.0500	U
53469-21-9	Aroclor 1242	1	0.0500	U
12672-29-6	Aroclor 1248	1	0.0500	U
11097-69-1	Aroclor 1254	1	0.0500	U
11096-82-5	Aroclor 1260	1	0.0500	U
1336-36-3	Total PCBs	1	0.0500	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.200	0.102	51.0	30 - 120	
Decachlorobiphenyl	0.200	0.119	59.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-1 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	23A0356-08	File ID:	P1113816.D
Sampled:	01/05/23 16:15	Prepared:	01/09/23 08:11	Analyzed:	01/11/23 04:33
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	950 mL / 1 mL
Batch:	BA30305	Sequence:	S3A1114	Calibration:	SA30014
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0526	U
11104-28-2	Aroclor 1221	1	0.0526	U
11141-16-5	Aroclor 1232	1	0.0526	U
53469-21-9	Aroclor 1242	1	0.0526	U
12672-29-6	Aroclor 1248	1	0.0526	U
11097-69-1	Aroclor 1254	1	0.0526	U
11096-82-5	Aroclor 1260	1	0.0526	U
1336-36-3	Total PCBs	1	0.0526	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.211	0.129	61.5	30 - 120	
Decachlorobiphenyl	0.211	0.135	64.0	30 - 120	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: METALS

METHOD: EPA 6020B

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EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 2/14/2023
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-01 File ID: QBIMX011123A-024

Sampled: 01/05/23 09:20 Prepared: 01/09/23 09:49 Analyzed: 01/11/23 12:19

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30323 Sequence: S3A1128 Calibration: 01/11/23 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.56	1		EPA 6020B	
7440-38-2	Arsenic	1.46	1		EPA 6020B	
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	4.68	1		EPA 6020B	J
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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EPA 6020B

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: QBIMX011123A-025

Sampled: 01/05/23 11:32 Prepared: 01/09/23 09:49 Analyzed: 01/11/23 12:23

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30323 Sequence: S3A1128 Calibration: 01/11/23 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	1.11	1	U	EPA 6020B	
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	5.78	1		EPA 6020B	J
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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EPA 6020B

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: QBIMX011123A-026

Sampled: 01/05/23 12:15 Prepared: 01/09/23 09:49 Analyzed: 01/11/23 12:26

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30323 Sequence: S3A1128 Calibration: 01/11/23 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	6.50	1		EPA 6020B	
7440-41-7	Beryllium	0.466	1		EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	7.49	1		EPA 6020B	J
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-05 File ID: QBIMX011123A-029

Sampled: 01/05/23 13:30 Prepared: 01/09/23 09:49 Analyzed: 01/11/23 12:36

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30323 Sequence: S3A1128 Calibration: 01/11/23 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	3.11	1		EPA 6020B	
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	4.36	1		EPA 6020B	J
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-06 File ID: QBIMX011123A-030

Sampled: 01/05/23 14:10 Prepared: 01/09/23 09:49 Analyzed: 01/11/23 12:40

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30323 Sequence: S3A1128 Calibration: 01/11/23 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	1.11	1	U	EPA 6020B	
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	4.79	1		EPA 6020B	J
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

MKP 3/7/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: QBIMX011123A-031

Sampled: 01/05/23 15:00 Prepared: 01/09/23 09:49 Analyzed: 01/11/23 12:43

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30323 Sequence: S3A1128 Calibration: 01/11/23 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	2.16	1		EPA 6020B	
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	4.47	1		EPA 6020B	J
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: QBIMX011123A-032

Sampled: 01/05/23 16:15 Prepared: 01/09/23 09:49 Analyzed: 01/11/23 12:46

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30323 Sequence: S3A1128 Calibration: 01/11/23 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.44	1		EPA 6020B	
7440-38-2	Arsenic	1.50	1		EPA 6020B	
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	3.28	1		EPA 6020B	J
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: METALS

METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 2/14/2023
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-01 File ID: QBI011123ARE_1-081

Sampled: 01/05/23 09:20 Prepared: 01/10/23 08:28 Analyzed: 01/11/23 14:11

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30383 Sequence: S3A1207 Calibration: 01/11/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.0556	1	U	EPA 6010D	UJ
7440-39-3	Barium	0.170	1		EPA 6010D	J-
7440-70-2	Calcium	106	1		EPA 6010D	J-
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	UJ
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	UJ
7439-89-6	Iron	6.46	1		EPA 6010D	
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	23.9	1		EPA 6010D	J-
7439-96-5	Manganese	3.22	1		EPA 6010D	J-
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	1.99	1	B	EPA 6010D	J-
7440-22-4	Silver	0.00556	1	U	EPA 6010D	UJ
7440-23-5	Sodium	42.5	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	UJ
7440-66-6	Zinc	0.0278	1	U	EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: QBI011123ARE_1-082

Sampled: 01/05/23 11:32 Prepared: 01/10/23 08:28 Analyzed: 01/11/23 14:14

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30383 Sequence: S3A1207 Calibration: 01/11/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.172	1		EPA 6010D	J-
7440-39-3	Barium	0.488	1		EPA 6010D	J-
7440-70-2	Calcium	97.2	1		EPA 6010D	J-
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	UJ
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	UJ
7439-89-6	Iron	39.2	1		EPA 6010D	
7439-92-1	Lead	0.00880	1		EPA 6010D	
7439-95-4	Magnesium	45.3	1		EPA 6010D	J-
7439-96-5	Manganese	0.448	1		EPA 6010D	J-
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	8.52	1	B	EPA 6010D	J-
7440-22-4	Silver	0.00556	1	U	EPA 6010D	UJ
7440-23-5	Sodium	119	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	UJ
7440-66-6	Zinc	0.0314	1		EPA 6010D	

MKP 3/7/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: QBI011123ARE_1-099

Sampled: 01/05/23 12:15 Prepared: 01/10/23 08:28 Analyzed: 01/11/23 15:05

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30383 Sequence: S3A1207 Calibration: 01/11/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	12.2	1		EPA 6010D	J-
7440-39-3	Barium	0.385	1		EPA 6010D	J-
7440-70-2	Calcium	93.5	1		EPA 6010D	J-
7440-47-3	Chromium	0.0158	1		EPA 6010D	J-
7440-48-4	Cobalt	0.0135	1		EPA 6010D	
7440-50-8	Copper	0.0311	1		EPA 6010D	J-
7439-89-6	Iron	51.7	1		EPA 6010D	
7439-92-1	Lead	0.0428	1		EPA 6010D	
7439-95-4	Magnesium	27.3	1		EPA 6010D	J-
7439-96-5	Manganese	1.79	1		EPA 6010D	J-
7440-02-0	Nickel	0.0251	1		EPA 6010D	
7440-09-7	Potassium	6.17	1	B	EPA 6010D	J-
7440-22-4	Silver	0.00556	1	U	EPA 6010D	UJ
7440-23-5	Sodium	167	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0150	1		EPA 6010D	J-
7440-66-6	Zinc	0.114	1		EPA 6010D	

MKP 3/7/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-05 File ID: QBI011123ARE_1-100

Sampled: 01/05/23 13:30 Prepared: 01/10/23 08:28 Analyzed: 01/11/23 15:08

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30383 Sequence: S3A1207 Calibration: 01/11/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.0627	1		EPA 6010D	J-
7440-39-3	Barium	0.300	1		EPA 6010D	J-
7440-70-2	Calcium	136	1		EPA 6010D	J-
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	UJ
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	UJ
7439-89-6	Iron	10.7	1		EPA 6010D	
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	29.4	1		EPA 6010D	J-
7439-96-5	Manganese	2.17	1		EPA 6010D	J-
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	4.08	1	B	EPA 6010D	J-
7440-22-4	Silver	0.00556	1	U	EPA 6010D	UJ
7440-23-5	Sodium	418	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	UJ
7440-66-6	Zinc	0.0278	1	U	EPA 6010D	

MKP 3/7/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-06 File ID: QBI011123ARE_1-101

Sampled: 01/05/23 14:10 Prepared: 01/10/23 08:28 Analyzed: 01/11/23 15:10

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30383 Sequence: S3A1207 Calibration: 01/11/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.0556	1	U	EPA 6010D	UJ
7440-39-3	Barium	0.110	1		EPA 6010D	J-
7440-70-2	Calcium	62.3	1		EPA 6010D	J-
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	UJ
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	UJ
7439-89-6	Iron	0.278	1	U	EPA 6010D	
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	13.6	1		EPA 6010D	J-
7439-96-5	Manganese	1.85	1		EPA 6010D	J-
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	1.81	1	B	EPA 6010D	J-
7440-22-4	Silver	0.00556	1	U	EPA 6010D	UJ
7440-23-5	Sodium	143	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	UJ
7440-66-6	Zinc	0.0278	1	U	EPA 6010D	

MKP 3/7/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: QBI011123ARE_1-102

Sampled: 01/05/23 15:00 Prepared: 01/10/23 08:28 Analyzed: 01/11/23 15:13

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30383 Sequence: S3A1207 Calibration: 01/11/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.0890	1		EPA 6010D	J-
7440-39-3	Barium	0.283	1		EPA 6010D	J-
7440-70-2	Calcium	161	1		EPA 6010D	J-
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	UJ
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	UJ
7439-89-6	Iron	13.8	1		EPA 6010D	
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	40.6	1		EPA 6010D	J-
7439-96-5	Manganese	3.34	1		EPA 6010D	J-
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	1.94	1	B	EPA 6010D	J-
7440-22-4	Silver	0.00556	1	U	EPA 6010D	UJ
7440-23-5	Sodium	123	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	UJ
7440-66-6	Zinc	0.0332	1		EPA 6010D	

MKP 3/7/2023

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: QBI011123ARE_1-105

Sampled: 01/05/23 16:15 Prepared: 01/10/23 08:28 Analyzed: 01/11/23 15:22

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BA30383 Sequence: S3A1207 Calibration: 01/11/23 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.0556	1	U	EPA 6010D	UJ
7440-39-3	Barium	0.193	1		EPA 6010D	J-
7440-70-2	Calcium	110	1		EPA 6010D	J-
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	UJ
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	UJ
7439-89-6	Iron	8.25	1		EPA 6010D	
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	24.9	1		EPA 6010D	J-
7439-96-5	Manganese	3.15	1		EPA 6010D	J-
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	2.26	1	B	EPA 6010D	J-
7440-22-4	Silver	0.00556	1	U	EPA 6010D	UJ
7440-23-5	Sodium	50.5	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	UJ
7440-66-6	Zinc	0.0278	1	U	EPA 6010D	

MKP 3/7/2023

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: HG

METHOD: EPA 7470

No data validation qualifiers were added

MKP 3/7/2023

DATA PACKAGE COVER PAGE

EPA 7470

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

Client: DT Consulting Services

Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 2/15/2023

Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-01 File ID: QBHg01132023A-010

Sampled: 01/05/23 09:20 Prepared: 01/13/23 09:58 Analyzed: 01/13/23 09:58

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BA30626 Sequence: Calibration: 01/13/23 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-03 File ID: QBHg01132023A-011

Sampled: 01/05/23 11:32 Prepared: 01/13/23 09:58 Analyzed: 01/13/23 09:58

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BA30626 Sequence: Calibration: 01/13/23 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-04 File ID: QBHg01132023A-012

Sampled: 01/05/23 12:15 Prepared: 01/13/23 09:58 Analyzed: 01/13/23 09:58

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BA30626 Sequence: Calibration: 01/13/23 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-05 File ID: QBHg01132023A-015

Sampled: 01/05/23 13:30 Prepared: 01/13/23 09:58 Analyzed: 01/13/23 09:58

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BA30626 Sequence: Calibration: 01/13/23 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-06 File ID: QBHg01132023A-016

Sampled: 01/05/23 14:10 Prepared: 01/13/23 09:58 Analyzed: 01/13/23 09:58

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BA30626 Sequence: Calibration: 01/13/23 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-07 File ID: QBHg01132023A-017

Sampled: 01/05/23 15:00 Prepared: 01/13/23 09:58 Analyzed: 01/13/23 09:58

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BA30626 Sequence: Calibration: 01/13/23 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID: QBHg01132023A-018

Sampled: 01/05/23 16:15 Prepared: 01/13/23 09:58 Analyzed: 01/13/23 09:58

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BA30626 Sequence: Calibration: 01/13/23 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

CLASS: WET

METHOD: SM 4500 CN C-2016 / E-2016

No data validation qualifiers were added

MKP 3/7/2023

DATA PACKAGE COVER PAGE

SM 4500 CN C-2016 / E-2016

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

Client: DT Consulting Services

Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-1	23A0356-01
MW-3	23A0356-03
MW-4	23A0356-04
MW-5	23A0356-05
MW-6	23A0356-06
MW-7	23A0356-07
MW-1 Dup	23A0356-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 2/14/2023

Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-01 File ID:

Sampled: 01/05/23 09:20 Prepared: 01/09/23 09:11 Analyzed: 01/09/23 16:58

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BA30315 Sequence: Calibration: 01/09/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I

INORGANIC ANALYSIS DATA SHEET

SM 4500 CN C-2016 / E-2016

MW-3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Water
Laboratory ID: 23A0356-03
File ID:
Sampled: 01/05/23 11:32
Prepared: 01/09/23 09:11
Analyzed: 01/09/23 16:58
Solids: 0.00
Preparation: Analysis Preparation
Initial/Final: 50 mL / 50 mL
Batch: BA30315
Sequence:
Calibration: 01/09/23 1
Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I

INORGANIC ANALYSIS DATA SHEET

SM 4500 CN C-2016 / E-2016

MW-4

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Water
Laboratory ID: 23A0356-04
File ID:
Sampled: 01/05/23 12:15
Prepared: 01/09/23 09:11
Analyzed: 01/09/23 16:58
Solids: 0.00
Preparation: Analysis Preparation
Initial/Final: 50 mL / 50 mL
Batch: BA30315
Sequence:
Calibration: 01/09/23 1
Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I

INORGANIC ANALYSIS DATA SHEET

SM 4500 CN C-2016 / E-2016

MW-5

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Water
Laboratory ID: 23A0356-05
File ID:
Sampled: 01/05/23 13:30
Prepared: 01/09/23 09:11
Analyzed: 01/09/23 16:58
Solids: 0.00
Preparation: Analysis Preparation
Initial/Final: 50 mL / 50 mL
Batch: BA30315
Sequence:
Calibration: 01/09/23 1
Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I

INORGANIC ANALYSIS DATA SHEET

SM 4500 CN C-2016 / E-2016

MW-6

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Water
Laboratory ID: 23A0356-06
File ID:
Sampled: 01/05/23 14:10
Prepared: 01/09/23 09:11
Analyzed: 01/09/23 16:58
Solids: 0.00
Preparation: Analysis Preparation
Initial/Final: 50 mL / 50 mL
Batch: BA30315
Sequence:
Calibration: 01/09/23 1
Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I

INORGANIC ANALYSIS DATA SHEET

SM 4500 CN C-2016 / E-2016

MW-7

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Water
Laboratory ID: 23A0356-07
File ID:
Sampled: 01/05/23 15:00
Prepared: 01/09/23 09:11
Analyzed: 01/09/23 16:58
Solids: 0.00
Preparation: Analysis Preparation
Initial/Final: 50 mL / 50 mL
Batch: BA30315
Sequence:
Calibration: 01/09/23 1
Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23A0356

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 23A0356-08 File ID:

Sampled: 01/05/23 16:15 Prepared: 01/09/23 09:11 Analyzed: 01/09/23 16:58

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BA30315 Sequence: Calibration: 01/09/23 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30520	Laboratory ID:	BA30520-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Acrolein	10.0	8.65	86.5	10 - 153
Acrylonitrile	10.0	10.5	105	51 - 150
Benzene	10.0	10.2	102	85 - 126
Bromobenzene	10.0	9.53	95.3	78 - 129
Bromochloromethane	10.0	9.90	99.0	77 - 128
Bromodichloromethane	10.0	9.20	92.0	79 - 128
Bromoform	10.0	9.43	94.3	78 - 133
Bromomethane	10.0	0.750	7.50 *	43 - 168
Carbon disulfide	10.0	10.4	104	68 - 146
Carbon tetrachloride	10.0	10.6	106	77 - 141
Chlorobenzene	10.0	10.2	102	88 - 120
Chloroethane	10.0	10.1	101	65 - 136
Chloroform	10.0	10.3	103	82 - 128
Chloromethane	10.0	5.94	59.4	43 - 155
cis-1,2-Dichloroethylene	10.0	9.62	96.2	83 - 129
cis-1,3-Dichloropropylene	10.0	9.29	92.9	80 - 131
Cyclohexane	10.0	4.47	44.7 *	63 - 149
Dibromochloromethane	10.0	9.00	90.0	80 - 130
Dibromomethane	10.0	9.56	95.6	72 - 134
Dichlorodifluoromethane	10.0	6.82	68.2	44 - 144
Diisopropyl ether (DIPE)	10.0	9.71	97.1	70 - 130
Ethyl Benzene	10.0	9.72	97.2	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.3	103	70 - 130
Hexachlorobutadiene	10.0	7.60	76.0	67 - 146
Iodomethane	10.0	1.49	14.9 *	70 - 130
Isopropylbenzene	10.0	10.3	103	76 - 140
Methyl acetate	10.0	10.0	100	51 - 139
Methyl Methacrylate	10.0	9.14	91.4	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.1	101	76 - 135
Methylcyclohexane	10.0	8.84	88.4	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30520	Laboratory ID:	BA30520-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Methylene chloride	10.0	8.95	89.5		55 - 137
Naphthalene	10.0	10.1	101		70 - 147
n-Butylbenzene	10.0	9.12	91.2		79 - 132
n-Propylbenzene	10.0	10.1	101		78 - 133
o-Xylene	10.0	9.73	97.3		78 - 130
p- & m- Xylenes	20.0	19.6	98.0		77 - 133
p-Diethylbenzene	10.0	9.29	92.9		84 - 134
p-Ethyltoluene	10.0	11.0	110		88 - 129
p-Isopropyltoluene	10.0	10.2	102		81 - 136
sec-Butylbenzene	10.0	9.94	99.4		79 - 137
Styrene	10.0	10.0	100		67 - 132
tert-Amyl alcohol (TAA)	100	141	141	*	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.4	104		70 - 130
tert-Butyl alcohol (TBA)	50.0	62.6	125		25 - 162
tert-Butylbenzene	10.0	8.79	87.9		77 - 138
Tetrachloroethylene	10.0	9.72	97.2		82 - 131
Tetrahydrofuran	10.0	10.4	104		36 - 166
Toluene	10.0	9.34	93.4		80 - 127
trans-1,2-Dichloroethylene	10.0	9.60	96.0		80 - 132
trans-1,3-Dichloropropylene	10.0	9.45	94.5		78 - 131
trans-1,4-dichloro-2-butene	10.0	10.6	106		63 - 141
Trichloroethylene	10.0	9.41	94.1		82 - 128
Trichlorofluoromethane	10.0	10.7	107		67 - 139
Vinyl acetate	10.0	10.4	104	*	21 - 90
Vinyl Chloride	10.0	7.67	76.7		58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30520	Laboratory ID:	BA30520-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acrolein	10.0	8.84	88.4		2.17	30	10 - 153
Acrylonitrile	10.0	10.8	108		2.54	30	51 - 150
Benzene	10.0	9.90	99.0		2.99	30	85 - 126
Bromobenzene	10.0	9.30	93.0		2.44	30	78 - 129
Bromochloromethane	10.0	9.76	97.6		1.42	30	77 - 128
Bromodichloromethane	10.0	9.14	91.4		0.654	30	79 - 128
Bromoform	10.0	9.81	98.1		3.95	30	78 - 133
Bromomethane	10.0	0.800	8.00	*	6.45	30	43 - 168
Carbon disulfide	10.0	9.91	99.1		4.63	30	68 - 146
Carbon tetrachloride	10.0	10.2	102		3.28	30	77 - 141
Chlorobenzene	10.0	10.1	101		1.38	30	88 - 120
Chloroethane	10.0	9.50	95.0		5.73	30	65 - 136
Chloroform	10.0	10.0	100		2.85	30	82 - 128
Chloromethane	10.0	5.42	54.2		9.15	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.35	93.5		2.85	30	83 - 129
cis-1,3-Dichloropropylene	10.0	9.19	91.9		1.08	30	80 - 131
Cyclohexane	10.0	4.25	42.5	*	5.05	30	63 - 149
Dibromochloromethane	10.0	9.09	90.9		0.995	30	80 - 130
Dibromomethane	10.0	9.56	95.6		0.00	30	72 - 134
Dichlorodifluoromethane	10.0	6.44	64.4		5.73	30	44 - 144
Diisopropyl ether (DIPE)	10.0	9.60	96.0		1.14	30	70 - 130
Ethyl Benzene	10.0	9.49	94.9		2.39	30	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.2	102		0.585	30	70 - 130
Hexachlorobutadiene	10.0	7.87	78.7		3.49	30	67 - 146
Iodomethane	10.0	1.46	14.6	*	2.03	30	70 - 130
Isopropylbenzene	10.0	9.83	98.3		4.48	30	76 - 140
Methyl acetate	10.0	10.6	106		6.01	30	51 - 139
Methyl Methacrylate	10.0	9.87	98.7		7.68	30	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.3	103		2.06	30	76 - 135
Methylcyclohexane	10.0	8.64	86.4		2.29	30	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30520	Laboratory ID:	BA30520-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	8.77	87.7	2.03	30	55 - 137
Naphthalene	10.0	10.7	107	5.76	30	70 - 147
n-Butylbenzene	10.0	8.78	87.8	3.80	30	79 - 132
n-Propylbenzene	10.0	9.68	96.8	3.95	30	78 - 133
o-Xylene	10.0	9.57	95.7	1.66	30	78 - 130
p- & m- Xylenes	20.0	19.2	95.8	2.22	30	77 - 133
p-Diethylbenzene	10.0	8.97	89.7	3.50	30	84 - 134
p-Ethyltoluene	10.0	10.5	105	4.92	30	88 - 129
p-Isopropyltoluene	10.0	9.82	98.2	3.50	30	81 - 136
sec-Butylbenzene	10.0	9.64	96.4	3.06	30	79 - 137
Styrene	10.0	9.80	98.0	2.32	30	67 - 132
tert-Amyl alcohol (TAA)	100	153	153 *	7.90	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.7	107	2.46	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	69.3	139	10.1	30	25 - 162
tert-Butylbenzene	10.0	8.38	83.8	4.78	30	77 - 138
Tetrachloroethylene	10.0	9.41	94.1	3.24	30	82 - 131
Tetrahydrofuran	10.0	11.0	110	5.40	30	36 - 166
Toluene	10.0	9.08	90.8	2.82	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.16	91.6	4.69	30	80 - 132
trans-1,3-Dichloropropylene	10.0	9.49	94.9	0.422	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.9	109	2.98	30	63 - 141
Trichloroethylene	10.0	9.10	91.0	3.35	30	82 - 128
Trichlorofluoromethane	10.0	10.1	101	5.69	30	67 - 139
Vinyl acetate	10.0	10.7	107 *	2.18	30	21 - 90
Vinyl Chloride	10.0	7.02	70.2	8.85	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SA30003
Instrument: QVOA6
Calibration Date: 12/31/22 19:55

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.1874369	14.10645	8.896	2.317476E-02			20	
1,1,1-Trichloroethane	1.070011	12.51226	5.130333	4.054745E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4182332	6.650714	10.18678	1.751471E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.6503194	6.008406	3.011	0.1097377			SPCC (0.1)	
1,1,2-Trichloroethane	0.1525636	8.764887	7.762667	1.713856E-02			SPCC (0.1)	
1,1-Dichloroethane	1.391643	6.958315	4.128	1.091387E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.066166	7.922603	3	5.082192E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.029265	8.572448	5.277889	4.686745E-02			20	
1,2,3-Trichlorobenzene	0.3141089	10.68297	14.15656	1.432434E-02			20	
1,2,3-Trichloropropane	0.1112005	6.215867	10.25356	4.520271E-02			20	
1,2,3-Trimethylbenzene	1.784697	5.520531	11.40033	2.460279E-02			20	
1,2,4,5-Tetramethylbenzene	1.593858	7.214646	12.62333	1.647484E-02			20	
1,2,4-Trichlorobenzene	0.405165	11.52143	13.61011	1.825635E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.934547	6.238124	10.94044	1.331344E-02			20	
1,2-Dibromo-3-chloropropane	5.486435E-02	18.06825	12.66089	2.433799E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1405883	11.95792	8.289889	0.0304175			SPCC (0.1)	
1,2-Dichlorobenzene	0.8790605	6.846631	11.77111	2.206006E-02			SPCC (0.4)	
1,2-Dichloroethane	0.8810405	7.048832	5.499556	4.099384E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2358238	7.905127	6.323667	1.850186E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.950629	6.528348	10.524	0.026885			20	
1,3-Dichlorobenzene	0.9674117	7.08358	11.26144	0.0227359			SPCC (0.6)	
1,3-Dichloropropane	0.2739953	7.71878	7.929111	2.307302E-02			20	
1,4-Dichlorobenzene	0.9631002	7.334578	11.37867	1.685965E-02			SPCC (0.5)	
1,4-Dioxane	1.139983E-03	8.801996	6.392444	0.1096725			20	
2,2-Dichloropropane	0.8954518	10.54811	4.660333	5.484471E-02			20	
2-Butanone	5.577538E-02	11.39805	4.624667	0.2409318			SPCC (0.1)	
2-Chlorotoluene	1.695661	7.488106	10.41922	2.409448E-02			20	
2-Hexanone	9.431976E-02	19.59295	7.968111	0.130234			SPCC (0.1)	
4-Chlorotoluene	1.85324	6.756834	10.55378	1.428528E-02			20	
4-Methyl-2-pentanone	0.1427284	14.85467	7.12	5.830604E-02			SPCC (0.1)	
Acetone	0.1512195	27.80437	3.018222	0.2198594		0.9987871	SPCC (0.1)	
Acrolein	6.355015E-02	11.95992	2.893333	0.166174			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SA30003
Laboratory ID: S3A0342-SCV1
Sequence: S3A0342
Standard ID: S22L455

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
4-Chlorotoluene	10.0	10.8	8.0	30.00
4-Methyl-2-pentanone	10.0	9.92	-0.8	30.00
Acetone	10.0	9.44	-5.6	30.00
Acrolein	10.0	10.5	5.4	30.00
Acrylonitrile	10.0	10.3	3.2	30.00
Benzene	10.0	10.4	3.8	30.00
Bromobenzene	10.0	10.5	4.8	30.00
Bromochloromethane	10.0	10.4	3.9	30.00
Bromodichloromethane	10.0	10.0	0.2	30.00
Bromoform	10.0	9.16	-8.4	30.00
Bromomethane	10.0	10.7	7.2	30.00
Carbon disulfide	10.0	11.2	12.1	30.00
Carbon tetrachloride	10.0	10.3	2.6	30.00
Chlorobenzene	10.0	11.0	9.9	30.00
Chloroethane	10.0	11.8	17.9	30.00
Chloroform	10.0	10.4	3.9	30.00
Chloromethane	10.0	11.0	9.6	30.00
cis-1,2-Dichloroethylene	10.0	9.99	-0.1	30.00
cis-1,3-Dichloropropylene	10.0	9.97	-0.3	30.00
Cyclohexane	10.0	4.99	-50.1 *	30.00
Dibromochloromethane	10.0	9.08	-9.2	30.00
Dibromomethane	10.0	10.3	2.9	30.00
Dichlorodifluoromethane	10.0	14.5	45.4 *	30.00
Diisopropyl ether (DIPE)	10.0	10.5	5.3	30.00
Ethyl Benzene	10.0	10.5	5.4	30.00
Ethyl tert-butyl ether (ETBE)	10.0	10.9	8.7	30.00
Hexachlorobutadiene	10.0	10.5	4.9	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	QVOA6	Calibration:	SA30003
Lab File ID:	QV6247828.D	Calibration Date:	12/31/22 19:55
Sequence:	S3A1404	Injection Date:	01/11/23
Lab Sample ID:	S3A1404-CCV1	Injection Time:	15:43

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	10.0	10.2	0.1512195	0.1525327	0.1	1.8	20	
Acrolein	A	10.0	10.6	6.355015E-02	0.0674248		6.1	20	
Acrylonitrile	A	10.0	11.4	0.141177	0.1605937		13.8	20	
Benzene	A	10.0	10.5	2.998524	3.155546	0.5	5.2	20	
Bromobenzene	A	10.0	9.75	1.020712	0.9954633		-2.5	20	
Bromochloromethane	A	10.0	10.4	0.5929724	0.619677		4.5	20	
Bromodichloromethane	A	10.0	9.69	0.2690814	0.2606581	0.2	-3.1	20	
Bromoform	A	10.0	9.82	7.531255E-02	8.508792E-02	0.1	-1.8	20	
Bromomethane	A	10.0	0.450	0.3432298	1.550003E-02	0.1	-95.5	20	*
Carbon disulfide	A	10.0	10.2	1.800305	1.835771	0.1	2.0	20	
Carbon tetrachloride	A	10.0	10.9	0.9300127	1.012778	0.1	8.9	20	
Chlorobenzene	A	10.0	10.0	0.5271759	0.5299974	0.5	0.5	20	
Chloroethane	A	10.0	9.08	0.5416519	0.4916777	0.1	-9.2	20	
Chloroform	A	10.0	10.6	1.286786	1.36129	0.2	5.8	20	
Chloromethane	A	10.0	4.78	0.707542	0.3383578	0.1	-52.2	20	*
cis-1,2-Dichloroethylene	A	10.0	10.2	1.258903	1.277823	0.1	1.5	20	
cis-1,3-Dichloropropylene	A	10.0	10.0	0.3228386	0.323468	0.2	0.2	20	
Cyclohexane	A	10.0	10.0	3.067761	3.078347	0.1	0.3	20	
Dibromochloromethane	A	10.0	9.48	0.1660304	0.1787648	0.1	-5.2	20	
Dibromomethane	A	10.0	10.2	0.1070148	0.1094751		2.3	20	
Dichlorodifluoromethane	A	10.0	5.32	0.564484	0.3003453	0.1	-46.8	20	*
Diisopropyl ether (DIPE)	A	10.0	10.1	2.584812	2.608289		0.9	20	
Ethyl Benzene	A	10.0	10.1	0.9670154	0.9777307	0.1	1.1	20	
Ethyl tert-butyl ether (ETBE)	A	10.0	10.5	2.223612	2.329781		4.8	20	
Hexachlorobutadiene	A	10.0	8.47	0.1686313	0.1428462		-15.3	20	
Iodomethane	A	10.0	0.960	0.3616569	5.054875E-02		-90.4	20	*
Isopropylbenzene	A	10.0	10.4	2.275705	2.377177	0.1	4.5	20	
Methyl acetate	A	10.0	11.7	0.3457418	0.4039071	0.1	16.8	20	
Methyl Methacrylate	A	10.0	10.6	0.1155737	0.1225757		6.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	QVOA6	Calibration:	SA30003
Lab File ID:	QV6247828.D	Calibration Date:	12/31/22 19:55
Sequence:	S3A1404	Injection Date:	01/11/23
Lab Sample ID:	S3A1404-CCV1	Injection Time:	15:43

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	11.0	1.850282	2.029743	0.1	9.7	20	
Methylcyclohexane	A	10.0	9.61	0.3919909	0.3766939	0.1	-3.9	20	
Methylene chloride	A	10.0	9.27	1.049895	0.9729461	0.1	-7.3	20	
Naphthalene	A	10.0	10.5	0.8425413	0.8873223		5.3	20	
n-Butylbenzene	A	10.0	9.55	2.255507	2.153994		-4.5	20	
n-Propylbenzene	A	10.0	10.3	2.716693	2.797302		3.0	20	
o-Xylene	A	10.0	10.0	0.7456839	0.7485089	0.3	0.4	20	
p- & m- Xylenes	A	20.0	20.4	0.7302844	0.7465551	0.1	2.2	20	
p-Diethylbenzene	A	10.0	9.53	1.175264	1.120158		-4.7	20	
p-Ethyltoluene	A	10.0	10.2	2.115171	2.154767		1.9	20	
p-Isopropyltoluene	A	10.0	10.3	1.949437	2.016038		3.4	20	
sec-Butylbenzene	A	10.0	10.3	2.353074	2.421921		2.9	20	
Styrene	A	10.0	10.3	0.5803142	0.6001227	0.3	3.4	20	
tert-Amyl alcohol (TAA)	A	100	151	4.217366E-02	6.376942E-02		51.2	20	*
tert-Amyl methyl ether (TAME)	A	10.0	11.2	1.884548	2.114233		12.2	20	
tert-Butyl alcohol (TBA)	A	10.0	16.4	5.999191E-02	8.615979E-02		63.5	20	*
tert-Butylbenzene	A	10.0	10.5	1.81745	1.903142		4.7	20	
Tetrachloroethylene	A	10.0	10.5	0.2051532	0.2145099	0.2	4.6	20	
Tetrahydrofuran	A	10.0	11.4	0.1518104	0.1727099		13.8	20	
Toluene	A	10.0	9.73	0.9055753	0.8809941	0.4	-2.7	20	
trans-1,2-Dichloroethylene	A	10.0	9.85	1.093291	1.076435	0.1	-1.5	20	
trans-1,3-Dichloropropylene	A	10.0	10.2	0.2654766	0.2715999	0.1	2.3	20	
trans-1,4-dichloro-2-butene	A	10.0	11.0	0.4629931	0.5081349		9.7	20	
Trichloroethylene	A	10.0	9.54	0.2158934	0.2059183	0.2	-4.6	20	
Trichlorofluoromethane	A	10.0	10.2	0.9630221	0.9830479	0.1	2.1	20	
Vinyl acetate	A	10.0	9.43	0.9409695	1.12227		-5.7	20	
Vinyl Chloride	A	10.0	6.78	0.7550214	0.5119111	0.1	-32.2	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30307	Laboratory ID:	BA30307-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #		QC LIMITS REC.
1,1-Biphenyl	25.0	12.1	48.5		33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	14.9	59.7		26 - 120
2,3,4,6-Tetrachlorophenol	25.0	16.8	67.2		30 - 130
2,4,5-Trichlorophenol	25.0	12.6	50.6		32 - 114
2,4,6-Trichlorophenol	25.0	14.0	56.0		35 - 118
2,4-Dichlorophenol	25.0	15.1	60.4		25 - 116
2,4-Dimethylphenol	25.0	15.0	59.8		15 - 116
2,4-Dinitrophenol	25.0	24.7	98.7		10 - 170
2,4-Dinitrotoluene	25.0	32.9	132	*	41 - 128
2,6-Dinitrotoluene	25.0	29.1	116		45 - 116
2-Chloronaphthalene	25.0	13.4	53.6		33 - 112
2-Chlorophenol	25.0	12.7	50.6		15 - 120
2-Methylnaphthalene	25.0	14.8	59.1		24 - 118
2-Methylphenol	25.0	11.0	43.8		10 - 110
2-Nitroaniline	25.0	22.0	87.9		34 - 129
2-Nitrophenol	25.0	20.3	81.2		28 - 118
3- & 4-Methylphenols	25.0	8.48	33.9		10 - 107
3,3-Dichlorobenzidine	25.0	11.2	44.8		15 - 187
3-Nitroaniline	25.0	19.8	79.1		24 - 134
4,6-Dinitro-2-methylphenol	25.0	39.9	160	*	10 - 153
4-Bromophenyl phenyl ether	25.0	14.9	59.5		34 - 120
4-Chloro-3-methylphenol	25.0	15.5	62.0		20 - 120
4-Chloroaniline	25.0	11.4	45.7		10 - 147
4-Chlorophenyl phenyl ether	25.0	14.9	59.6		27 - 121
4-Nitroaniline	25.0	20.4	81.7		13 - 134
4-Nitrophenol	25.0	5.93	23.7		10 - 131
Acetophenone	25.0	11.7	46.8		25 - 110
Benzaldehyde	25.0	11.6	46.6		29 - 117
Benzyl butyl phthalate	25.0	13.8	55.4		29 - 133
Bis(2-chloroethoxy)methane	25.0	14.4	57.8		10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30307	Laboratory ID:	BA30307-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	24.5	98.2	17 - 125
Bis(2-chloroisopropyl)ether	25.0	13.2	52.8	10 - 139
Caprolactam	25.0	ND	*	10 - 137
Carbazole	25.0	15.6	62.6	42 - 126
Dibenzofuran	25.0	14.5	58.0	36 - 113
Diethyl phthalate	25.0	14.9	59.5	38 - 115
Dimethyl phthalate	25.0	15.1	60.2	38 - 129
Di-n-butyl phthalate	25.0	14.9	59.7	31 - 120
Di-n-octyl phthalate	25.0	13.6	54.6	21 - 149
Hexachlorocyclopentadiene	25.0	11.3	45.3	10 - 130
Isophorone	25.0	15.0	59.8	25 - 127
N-nitroso-di-n-propylamine	25.0	13.2	52.8	26 - 122
N-Nitrosodiphenylamine	25.0	16.7	66.8	23 - 149
Phenol	25.0	5.63	22.5	10 - 110
Pyridine	25.5	4.30	16.9	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30307	Laboratory ID:	BA30307-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	14.2	57.0	16.1	20	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	15.5	62.0	3.68	20	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	17.6	70.4	4.77	20	30 - 130
2,4,5-Trichlorophenol	25.0	13.5	54.1	6.80	20	32 - 114
2,4,6-Trichlorophenol	25.0	15.0	59.8	6.63	20	35 - 118
2,4-Dichlorophenol	25.0	15.5	62.1	2.74	20	25 - 116
2,4-Dimethylphenol	25.0	15.4	61.5	2.84	20	15 - 116
2,4-Dinitrophenol	25.0	28.7	115	15.2	20	10 - 170
2,4-Dinitrotoluene	25.0	35.4	142 *	7.23	20	41 - 128
2,6-Dinitrotoluene	25.0	31.1	124 *	6.45	20	45 - 116
2-Chloronaphthalene	25.0	14.2	56.6	5.44	20	33 - 112
2-Chlorophenol	25.0	12.9	51.7	2.11	20	15 - 120
2-Methylnaphthalene	25.0	15.2	60.7	2.67	20	24 - 118
2-Methylphenol	25.0	11.2	44.8	2.26	20	10 - 110
2-Nitroaniline	25.0	23.3	93.2	5.88	20	34 - 129
2-Nitrophenol	25.0	21.5	86.0	5.84	20	28 - 118
3- & 4-Methylphenols	25.0	8.61	34.4	1.52	20	10 - 107
3,3-Dichlorobenzidine	25.0	11.6	46.4	3.51	20	15 - 187
3-Nitroaniline	25.0	20.4	81.6	3.14	20	24 - 134
4,6-Dinitro-2-methylphenol	25.0	47.0	188 *	16.2	20	10 - 153
4-Bromophenyl phenyl ether	25.0	16.1	64.5	8.13	20	34 - 120
4-Chloro-3-methylphenol	25.0	16.0	64.0	3.17	20	20 - 120
4-Chloroaniline	25.0	11.6	46.2	1.13	20	10 - 147
4-Chlorophenyl phenyl ether	25.0	15.8	63.2	5.80	20	27 - 121
4-Nitroaniline	25.0	21.6	86.2	5.43	20	13 - 134
4-Nitrophenol	25.0	6.63	26.5	11.1	20	10 - 131
Acetophenone	25.0	13.6	54.2	14.7	20	25 - 110
Benzaldehyde	25.0	13.5	54.2	15.1	20	29 - 117
Benzyl butyl phthalate	25.0	14.8	59.2	6.63	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	15.0	60.0	3.80	20	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30307	Laboratory ID:	BA30307-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	24.9	99.5	1.38	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	13.4	53.8	1.80	20	10 - 139
Caprolactam	25.0	ND	*		20	10 - 137
Carbazole	25.0	16.9	67.8	7.98	20	42 - 126
Dibenzofuran	25.0	15.3	61.3	5.56	20	36 - 113
Diethyl phthalate	25.0	15.9	63.6	6.56	20	38 - 115
Dimethyl phthalate	25.0	15.9	63.6	5.43	20	38 - 129
Di-n-butyl phthalate	25.0	16.2	64.6	7.92	20	31 - 120
Di-n-octyl phthalate	25.0	14.8	59.4	8.49	20	21 - 149
Hexachlorocyclopentadiene	25.0	11.4	45.7	0.879	20	10 - 130
Isophorone	25.0	15.6	62.6	4.58	20	25 - 127
N-nitroso-di-n-propylamine	25.0	13.6	54.6	3.43	20	26 - 122
N-Nitrosodiphenylamine	25.0	17.9	71.6	7.00	20	23 - 149
Phenol	25.0	5.76	23.0	2.28	20	10 - 110
Pyridine	25.5	4.09	16.0	5.01	20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30456	Laboratory ID:	BA30456-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #		QC LIMITS REC.
1,1-Biphenyl	25.0	13.2	52.8		33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	14.2	56.6		26 - 120
2,3,4,6-Tetrachlorophenol	25.0	17.0	67.8		30 - 130
2,4,5-Trichlorophenol	25.0	13.8	55.1		32 - 114
2,4,6-Trichlorophenol	25.0	15.2	61.0		35 - 118
2,4-Dichlorophenol	25.0	16.0	63.9		25 - 116
2,4-Dimethylphenol	25.0	15.4	61.7		15 - 116
2,4-Dinitrophenol	25.0	27.8	111		10 - 170
2,4-Dinitrotoluene	25.0	34.7	139	*	41 - 128
2,6-Dinitrotoluene	25.0	30.9	123	*	45 - 116
2-Chloronaphthalene	25.0	14.5	58.1		33 - 112
2-Chlorophenol	25.0	13.1	52.2		15 - 120
2-Methylnaphthalene	25.0	15.6	62.6		24 - 118
2-Methylphenol	25.0	11.6	46.6		10 - 110
2-Nitroaniline	25.0	23.3	93.1		34 - 129
2-Nitrophenol	25.0	22.4	89.8		28 - 118
3- & 4-Methylphenols	25.0	9.03	36.1		10 - 107
3,3-Dichlorobenzidine	25.0	12.9	51.6		15 - 187
3-Nitroaniline	25.0	21.2	84.6		24 - 134
4,6-Dinitro-2-methylphenol	25.0	42.6	171	*	10 - 153
4-Bromophenyl phenyl ether	25.0	16.1	64.4		34 - 120
4-Chloro-3-methylphenol	25.0	16.1	64.2		20 - 120
4-Chloroaniline	25.0	13.2	52.6		10 - 147
4-Chlorophenyl phenyl ether	25.0	15.9	63.4		27 - 121
4-Nitroaniline	25.0	22.2	88.8		13 - 134
4-Nitrophenol	25.0	6.44	25.8		10 - 131
Acetophenone	25.0	12.8	51.2		25 - 110
Benzaldehyde	25.0	12.3	49.2		29 - 117
Benzyl butyl phthalate	25.0	14.7	59.0		29 - 133
Bis(2-chloroethoxy)methane	25.0	15.7	62.8		10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30456	Laboratory ID:	BA30456-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	26.1	105	17 - 125
Bis(2-chloroisopropyl)ether	25.0	14.0	55.9	10 - 139
Caprolactam	25.0	ND	*	10 - 137
Carbazole	25.0	16.4	65.4	42 - 126
Dibenzofuran	25.0	15.5	62.1	36 - 113
Diethyl phthalate	25.0	15.4	61.6	38 - 115
Dimethyl phthalate	25.0	15.7	62.9	38 - 129
Di-n-butyl phthalate	25.0	15.3	61.3	31 - 120
Di-n-octyl phthalate	25.0	15.8	63.1	21 - 149
Hexachlorocyclopentadiene	25.0	8.76	35.0	10 - 130
Isophorone	25.0	15.8	63.1	25 - 127
N-nitroso-di-n-propylamine	25.0	13.4	53.6	26 - 122
N-Nitrosodiphenylamine	25.0	17.6	70.3	23 - 149
Phenol	25.0	6.13	24.5	10 - 110
Pyridine	25.5	3.60	14.1	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30456	Laboratory ID:	BA30456-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	15.4	61.7	15.5	20	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	15.7	62.9	10.6	20	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	14.7	58.8	14.3	20	30 - 130
2,4,5-Trichlorophenol	25.0	15.1	60.2	8.88	20	32 - 114
2,4,6-Trichlorophenol	25.0	16.7	66.6	8.90	20	35 - 118
2,4-Dichlorophenol	25.0	17.8	71.1	10.7	20	25 - 116
2,4-Dimethylphenol	25.0	17.4	69.4	11.8	20	15 - 116
2,4-Dinitrophenol	25.0	31.6	126	12.8	20	10 - 170
2,4-Dinitrotoluene	25.0	38.2	153 *	9.66	20	41 - 128
2,6-Dinitrotoluene	25.0	34.4	137 *	10.7	20	45 - 116
2-Chloronaphthalene	25.0	16.3	65.3	11.6	20	33 - 112
2-Chlorophenol	25.0	14.6	58.2	10.8	20	15 - 120
2-Methylnaphthalene	25.0	17.4	69.6	10.6	20	24 - 118
2-Methylphenol	25.0	13.0	52.2	11.3	20	10 - 110
2-Nitroaniline	25.0	26.2	105	11.7	20	34 - 129
2-Nitrophenol	25.0	25.4	102	12.5	20	28 - 118
3- & 4-Methylphenols	25.0	10.3	41.0	12.8	20	10 - 107
3,3-Dichlorobenzidine	25.0	14.0	56.2	8.54	20	15 - 187
3-Nitroaniline	25.0	23.1	92.6	8.99	20	24 - 134
4,6-Dinitro-2-methylphenol	25.0	47.6	190 *	11.0	20	10 - 153
4-Bromophenyl phenyl ether	25.0	17.8	71.0	9.81	20	34 - 120
4-Chloro-3-methylphenol	25.0	17.7	70.7	9.55	20	20 - 120
4-Chloroaniline	25.0	14.7	58.8	11.1	20	10 - 147
4-Chlorophenyl phenyl ether	25.0	17.5	69.9	9.72	20	27 - 121
4-Nitroaniline	25.0	24.3	97.1	8.95	20	13 - 134
4-Nitrophenol	25.0	6.51	26.0	1.08	20	10 - 131
Acetophenone	25.0	14.8	59.1	14.2	20	25 - 110
Benzaldehyde	25.0	14.5	58.2	16.7	20	29 - 117
Benzyl butyl phthalate	25.0	15.8	63.3	7.13	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	17.5	69.9	10.7	20	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30456	Laboratory ID:	BA30456-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	29.2	117	11.3	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	15.7	62.9	11.7	20	10 - 139
Caprolactam	25.0	ND	*		20	10 - 137
Carbazole	25.0	18.1	72.6	10.3	20	42 - 126
Dibenzofuran	25.0	17.0	68.2	9.34	20	36 - 113
Diethyl phthalate	25.0	16.8	67.4	8.93	20	38 - 115
Dimethyl phthalate	25.0	17.2	68.8	8.93	20	38 - 129
Di-n-butyl phthalate	25.0	16.6	66.3	7.83	20	31 - 120
Di-n-octyl phthalate	25.0	16.4	65.8	4.16	20	21 - 149
Hexachlorocyclopentadiene	25.0	9.86	39.4	11.8	20	10 - 130
Isophorone	25.0	17.7	70.8	11.5	20	25 - 127
N-nitroso-di-n-propylamine	25.0	15.5	62.0	14.5	20	26 - 122
N-Nitrosodiphenylamine	25.0	19.6	78.4	10.9	20	23 - 149
Phenol	25.0	6.73	26.9	9.33	20	10 - 110
Pyridine	25.5	3.96	15.5	9.52	20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20020
Instrument: BNA #3
Calibration Date: 12/13/22 12:59

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6609476	3.062519	7.417167	1.815863E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.5299387	3.004679	7.1725	1.835815E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2867824	6.117565	6.365	1.276416E-02			20	
1,2-Dichlorobenzene	1.572712	4.127118	5.6125	1.006333E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.7436526	2.975915	8.947833	2.420932E-02			20	
1,3-Dichlorobenzene	1.614496	3.847056	5.437667	1.794197E-03			20	
1,4-Dichlorobenzene	1.659037	3.950024	5.4735	1.217809E-02			20	
1-Methylnaphthalene	0.6211	7.398856	7.085667	1.167268E-02			20	
2,3,4,6-Tetrachlorophenol	0.1403431	3.216857	8.50325	2.728721E-03			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3890125	2.936426	7.297	2.123236E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3517676	2.265201	7.25875	1.219632E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2809656	4.84238	6.2915	1.342846E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3252666	5.869644	6.121875	2.051955E-02			SPCC (0.2)	
2,4-Dinitrophenol	4.368577E-02	27.27995	8.15075	4.151934E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.1912277	30.71281	8.334	2.895867E-02			SPCC (0.2)	*
2,6-Dinitrotoluene	0.1641453	24.75917	7.863167	0.0213448			SPCC (0.2)	*
2-Chloronaphthalene	1.194956	3.440009	7.448167	1.342549E-02			SPCC (0.8)	
2-Chlorophenol	1.543925	3.011861	5.33375	1.400942E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7135676	7.076925	6.982667	3.111352E-02			SPCC (0.4)	
2-Methylphenol	1.223457	3.24414	5.639375	2.040481E-02			SPCC (0.7)	
2-Nitroaniline	0.2848232	20.56157	7.58	1.889817E-02			SPCC (0.01)	*
2-Nitrophenol	0.123245	9.721095	6.127625	7.260925E-03			SPCC (0.1)	
3- & 4-Methylphenols	1.848423	2.475858	5.737375	2.198322E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5450326	7.599852	15.76417	2.315217E-02			SPCC (0.01)	
3-Nitroaniline	0.2518814	21.48874	8.034167	3.417991E-02			SPCC (0.01)	*
4,6-Dinitro-2-methylphenol	3.447265E-02	35.20883	8.87675	4.814514E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2058201	2.976961	9.447333	2.347891E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3138111	6.266787	6.8295	0.0247396			SPCC (0.2)	
4-Chloroaniline	0.4504378	6.63977	6.466	1.923624E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6552668	3.897767	8.725333	2.625334E-02			SPCC (0.4)	
4-Nitroaniline	0.2731426	18.02917	8.831333	5.413504E-02			SPCC (0.01)	
4-Nitrophenol	0.1718012	18.42154	8.181875	4.349675E-02			SPCC (0.01)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20020
Laboratory ID: S2L1419-SCV1
Sequence: S2L1419
Standard ID: Y22C335

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
2,3,4,6-Tetrachlorophenol	30.0	32.2	7.5	30.00
2,4,5-Trichlorophenol	30.0	28.2	-6.0	30.00
2,4,6-Trichlorophenol	30.0	28.3	-5.5	30.00
2,4-Dichlorophenol	30.0	29.8	-0.6	30.00
2,4-Dimethylphenol	30.0	28.7	-4.3	30.00
2,4-Dinitrophenol	30.0	40.7	35.7 *	30.00
2,4-Dinitrotoluene	30.0	42.9	43.1 *	30.00
2,6-Dinitrotoluene	30.0	45.0	50.2 *	30.00
2-Chloronaphthalene	30.0	27.9	-7.1	30.00
2-Chlorophenol	30.0	29.1	-3.1	30.00
2-Methylnaphthalene	30.0	29.8	-0.5	30.00
2-Methylphenol	30.0	30.0	0.07	30.00
2-Nitroaniline	30.0	35.7	18.9	30.00
2-Nitrophenol	30.0	36.1	20.3	30.00
3- & 4-Methylphenols	30.0	25.8	-14.0	30.00
3-Nitroaniline	30.0	38.8	29.4	30.00
4,6-Dinitro-2-methylphenol	30.0	39.6	32.0 *	30.00
4-Bromophenyl phenyl ether	30.0	27.5	-8.3	30.00
4-Chloro-3-methylphenol	30.0	29.5	-1.6	30.00
4-Chloroaniline	30.0	31.0	3.4	30.00
4-Chlorophenyl phenyl ether	30.0	27.7	-7.5	30.00
4-Nitroaniline	30.0	36.5	21.7	30.00
4-Nitrophenol	30.0	36.3	21.1	30.00
Benzyl butyl phthalate	30.0	29.8	-0.7	30.00
Bis(2-chloroethoxy)methane	30.0	29.8	-0.5	30.00
Bis(2-chloroethyl)ether	30.0	28.6	-4.8	30.00
Bis(2-chloroisopropyl)ether	30.0	30.5	1.7	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #3	Calibration:	SL20020
Lab File ID:	SV3013263.D	Calibration Date:	12/13/22 12:59
Sequence:	S3A1020	Injection Date:	01/10/23
Lab Sample ID:	S3A1020-CCV1	Injection Time:	09:00

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1-Biphenyl	A	30.0	26.7	0.6609476	0.588923	0.01	-10.9	20
1,2,4,5-Tetrachlorobenzene	A	30.0	27.8	0.5299387	0.4918103	0.01	-7.2	20
2,3,4,6-Tetrachlorophenol	A	30.0	28.1	0.1403431	0.1312553	0.01	-6.5	20
2,4,5-Trichlorophenol	A	30.0	25.0	0.3890125	0.3239887	0.2	-16.7	20
2,4,6-Trichlorophenol	A	30.0	27.6	0.3517676	0.3240425	0.2	-7.9	20
2,4-Dichlorophenol	A	30.0	27.5	0.2809656	0.257199	0.2	-8.5	20
2,4-Dimethylphenol	A	30.0	27.0	0.3252666	0.2926425	0.2	-10.0	20
2,4-Dinitrophenol	A	30.0	73.5	4.368577E-02	0.1070795	0.01	145	20 *
2,4-Dinitrotoluene	A	30.0	63.6	0.1912277	0.4052253	0.2	112	20 *
2,6-Dinitrotoluene	A	30.0	52.7	0.1641453	0.2885593	0.2	75.8	20 *
2-Chloronaphthalene	A	30.0	27.1	1.194956	1.07839	0.8	-9.8	20
2-Chlorophenol	A	30.0	27.5	1.543925	1.416786	0.8	-8.2	20
2-Methylnaphthalene	A	30.0	27.3	0.7135676	0.6491365	0.4	-9.0	20
2-Methylphenol	A	30.0	28.0	1.223457	1.14067	0.7	-6.8	20
2-Nitroaniline	A	30.0	43.3	0.2848232	0.4106996	0.01	44.2	20 *
2-Nitrophenol	A	30.0	41.4	0.123245	0.1698983	0.1	37.9	20 *
3- & 4-Methylphenols	A	30.0	28.1	1.848423	1.73257	0.6	-6.3	20
3,3-Dichlorobenzidine	A	30.0	27.6	0.5450326	0.5015067	0.01	-8.0	20
3-Nitroaniline	A	30.0	43.4	0.2518814	0.3645249	0.01	44.7	20 *
4,6-Dinitro-2-methylphenol	A	30.0	94.2	3.447265E-02	0.1082721	0.01	214	20 *
4-Bromophenyl phenyl ether	A	30.0	29.2	0.2058201	0.2001799	0.1	-2.7	20
4-Chloro-3-methylphenol	A	30.0	27.1	0.3138111	0.2839407	0.2	-9.5	20
4-Chloroaniline	A	30.0	26.2	0.4504378	0.3934592	0.01	-12.6	20
4-Chlorophenyl phenyl ether	A	30.0	28.4	0.6552668	0.621115	0.4	-5.2	20
4-Nitroaniline	A	30.0	42.2	0.2731426	0.3839789	0.01	40.6	20 *
4-Nitrophenol	A	30.0	32.6	0.1718012	0.1868869	0.01	8.8	20
Acetophenone	A	30.0	28.2	2.114032	1.984121	0.01	-6.1	20
Benzaldehyde	A	30.0	26.9	1.209201	1.085028	0.01	-10.3	20
Benzyl butyl phthalate	A	30.0	25.2	0.6642857	0.558442		-15.9	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #3	Calibration:	SL20020
Lab File ID:	SV3013302.D	Calibration Date:	12/13/22 12:59
Sequence:	S3A1303	Injection Date:	01/12/23
Lab Sample ID:	S3A1303-CCV1	Injection Time:	14:29

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1-Biphenyl	A	30.0	27.1	0.6609476	0.5980347	0.01	-9.5	20
1,2,4,5-Tetrachlorobenzene	A	30.0	29.0	0.5299387	0.5121555	0.01	-3.4	20
2,3,4,6-Tetrachlorophenol	A	30.0	27.9	0.1403431	0.1306779	0.01	-6.9	20
2,4,5-Trichlorophenol	A	30.0	25.6	0.3890125	0.3320032	0.2	-14.7	20
2,4,6-Trichlorophenol	A	30.0	28.3	0.3517676	0.3319417	0.2	-5.6	20
2,4-Dichlorophenol	A	30.0	27.9	0.2809656	0.2610552	0.2	-7.1	20
2,4-Dimethylphenol	A	30.0	26.6	0.3252666	0.2881934	0.2	-11.4	20
2,4-Dinitrophenol	A	30.0	77.0	4.368577E-02	0.1120687	0.01	157	20 *
2,4-Dinitrotoluene	A	30.0	63.7	0.1912277	0.4062136	0.2	112	20 *
2,6-Dinitrotoluene	A	30.0	52.3	0.1641453	0.2863572	0.2	74.5	20 *
2-Chloronaphthalene	A	30.0	27.2	1.194956	1.084468	0.8	-9.2	20
2-Chlorophenol	A	30.0	27.5	1.543925	1.414526	0.8	-8.4	20
2-Methylnaphthalene	A	30.0	27.2	0.7135676	0.6478763	0.4	-9.2	20
2-Methylphenol	A	30.0	28.0	1.223457	1.1427	0.7	-6.6	20
2-Nitroaniline	A	30.0	43.6	0.2848232	0.4139504	0.01	45.3	20 *
2-Nitrophenol	A	30.0	41.1	0.123245	0.1687569	0.1	36.9	20 *
3- & 4-Methylphenols	A	30.0	28.5	1.848423	1.758503	0.6	-4.9	20
3,3-Dichlorobenzidine	A	30.0	26.9	0.5450326	0.4893307	0.01	-10.2	20
3-Nitroaniline	A	30.0	43.1	0.2518814	0.3620278	0.01	43.7	20 *
4,6-Dinitro-2-methylphenol	A	30.0	97.3	3.447265E-02	0.1118353	0.01	224	20 *
4-Bromophenyl phenyl ether	A	30.0	29.6	0.2058201	0.2032805	0.1	-1.2	20
4-Chloro-3-methylphenol	A	30.0	27.4	0.3138111	0.2871128	0.2	-8.5	20
4-Chloroaniline	A	30.0	26.7	0.4504378	0.4005752	0.01	-11.1	20
4-Chlorophenyl phenyl ether	A	30.0	28.8	0.6552668	0.6290627	0.4	-4.0	20
4-Nitroaniline	A	30.0	42.1	0.2731426	0.383624	0.01	40.4	20 *
4-Nitrophenol	A	30.0	32.8	0.1718012	0.1876331	0.01	9.2	20
Acetophenone	A	30.0	28.2	2.114032	1.989667	0.01	-5.9	20
Benzaldehyde	A	30.0	26.4	1.209201	1.065167	0.01	-11.9	20
Benzyl butyl phthalate	A	30.0	26.8	0.6642857	0.5946116		-10.5	20

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30307	Laboratory ID:	BA30307-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.560	56.0	25 - 116
Acenaphthylene	1.00	0.600	60.0	26 - 116
Anthracene	1.00	0.610	61.0	25 - 123
Benzo(a)anthracene	1.00	0.670	67.0	33 - 125
Benzo(a)pyrene	1.00	0.560	56.0	32 - 132
Benzo(b)fluoranthene	1.00	0.690	69.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.820	82.0	10 - 138
Benzo(k)fluoranthene	1.00	0.650	65.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	1.73	173	10 - 189
Chrysene	1.00	0.710	71.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.820	82.0	16 - 133
Fluoranthene	1.00	0.730	73.0	32 - 121
Fluorene	1.00	0.660	66.0	28 - 118
Hexachlorobenzene	1.00	0.740	74.0	23 - 124
Hexachlorobutadiene	1.00	0.570	57.0	15 - 123
Hexachloroethane	1.00	2.68	268 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.810	81.0	15 - 135
Naphthalene	1.00	0.550	55.0	18 - 120
Nitrobenzene	1.00	0.650	65.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	0.790	79.0	10 - 156
Phenanthrene	1.00	0.680	68.0	24 - 127
Pyrene	1.00	0.640	64.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30456	Laboratory ID:	BA30456-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.490	49.0	25 - 116
Acenaphthylene	1.00	0.510	51.0	26 - 116
Anthracene	1.00	0.480	48.0	25 - 123
Benzo(a)anthracene	1.00	0.540	54.0	33 - 125
Benzo(a)pyrene	1.00	0.440	44.0	32 - 132
Benzo(b)fluoranthene	1.00	0.540	54.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.650	65.0	10 - 138
Benzo(k)fluoranthene	1.00	0.530	53.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	1.08	108	10 - 189
Chrysene	1.00	0.570	57.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.630	63.0	16 - 133
Fluoranthene	1.00	0.600	60.0	32 - 121
Fluorene	1.00	0.560	56.0	28 - 118
Hexachlorobenzene	1.00	0.660	66.0	23 - 124
Hexachlorobutadiene	1.00	0.540	54.0	15 - 123
Hexachloroethane	1.00	2.50	250 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.640	64.0	15 - 135
Naphthalene	1.00	0.520	52.0	18 - 120
Nitrobenzene	1.00	0.620	62.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	0.680	68.0	10 - 156
Phenanthrene	1.00	0.560	56.0	24 - 127
Pyrene	1.00	0.510	51.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30307-BLK2	File ID:	SV5A0922.D
Prepared:	01/09/23 08:14	Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Analyzed:	01/10/23 09:31	Instrument:	BNA #5		
Batch:	BA30307	Sequence:	S3A1119	Calibration:	SA30005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
83-32-9	Acenaphthene	0.0500	U
208-96-8	Acenaphthylene	0.0500	U
120-12-7	Anthracene	0.0500	U
1912-24-9	Atrazine	0.500	U
56-55-3	Benzo(a)anthracene	0.0500	U
50-32-8	Benzo(a)pyrene	0.0500	U
205-99-2	Benzo(b)fluoranthene	0.0500	U
191-24-2	Benzo(g,h,i)perylene	0.0500	U
207-08-9	Benzo(k)fluoranthene	0.0500	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.19	
218-01-9	Chrysene	0.0500	U
53-70-3	Dibenzo(a,h)anthracene	0.0500	U
206-44-0	Fluoranthene	0.0500	U
86-73-7	Fluorene	0.0500	U
118-74-1	Hexachlorobenzene	0.0200	U
87-68-3	Hexachlorobutadiene	0.500	U
67-72-1	Hexachloroethane	0.500	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.0500	U
91-20-3	Naphthalene	0.0500	U
98-95-3	Nitrobenzene	0.250	U
62-75-9	N-Nitrosodimethylamine	0.500	U
87-86-5	Pentachlorophenol	0.250	U
85-01-8	Phenanthrene	0.0500	U
129-00-0	Pyrene	0.0500	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	9319509	7.99	9050891	7.98	
ISTD: Acenaphthene-d10	11525720	11.97	11430860	11.97	
ISTD: Chrysene-d12	11189390	17.84	10868370	17.84	
ISTD: Naphthalene-d8	23272440	9.56	23050960	9.56	
ISTD: Perylene-d12	10303800	19.75	9654621	19.75	

FORM I

METHOD BLANK DATA SHEET

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30456-BLK2	File ID:	SV5A0960.D
Prepared:	01/11/23 08:09	Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Analyzed:	01/12/23 14:27	Instrument:	BNA #5		
Batch:	BA30456	Sequence:	S3A1307	Calibration:	SA30005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
83-32-9	Acenaphthene	0.0500	U
208-96-8	Acenaphthylene	0.0500	U
120-12-7	Anthracene	0.0500	U
1912-24-9	Atrazine	0.500	U
56-55-3	Benzo(a)anthracene	0.0500	U
50-32-8	Benzo(a)pyrene	0.0500	U
205-99-2	Benzo(b)fluoranthene	0.0500	U
191-24-2	Benzo(g,h,i)perylene	0.0500	U
207-08-9	Benzo(k)fluoranthene	0.0500	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.720	
218-01-9	Chrysene	0.0500	U
53-70-3	Dibenzo(a,h)anthracene	0.0500	U
206-44-0	Fluoranthene	0.0500	U
86-73-7	Fluorene	0.0500	U
118-74-1	Hexachlorobenzene	0.0200	U
87-68-3	Hexachlorobutadiene	0.500	U
67-72-1	Hexachloroethane	0.500	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.0500	U
91-20-3	Naphthalene	0.0500	U
98-95-3	Nitrobenzene	0.250	U
62-75-9	N-Nitrosodimethylamine	0.500	U
87-86-5	Pentachlorophenol	0.250	U
85-01-8	Phenanthrene	0.0500	U
129-00-0	Pyrene	0.0500	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	7222891	7.97	7000974	7.96	
ISTD: Acenaphthene-d10	8985961	11.97	8605147	11.97	
ISTD: Chrysene-d12	8650058	17.85	8419418	17.85	
ISTD: Naphthalene-d8	18202020	9.56	17458720	9.55	
ISTD: Perylene-d12	8215488	19.76	7819460	19.76	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SA30005
Laboratory ID: S3A0403-SCV1
Sequence: S3A0403
Standard ID: Y22F046

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Acenaphthene	1.00	1.08	8.0	30.00
Acenaphthylene	1.00	1.14	14.0	30.00
Anthracene	1.00	1.15	15.0	30.00
Benzo(a)anthracene	1.00	1.06	6.0	30.00
Benzo(a)pyrene	1.00	1.03	3.0	30.00
Benzo(b)fluoranthene	1.00	1.07	7.0	30.00
Benzo(g,h,i)perylene	1.00	1.19	19.0	30.00
Benzo(k)fluoranthene	1.00	1.11	11.0	30.00
Bis(2-ethylhexyl)phthalate	1.00	1.17	17.0	30.00
Chrysene	1.00	1.14	14.0	30.00
Dibenzo(a,h)anthracene	1.00	1.18	18.0	30.00
Fluoranthene	1.00	1.19	19.0	30.00
Fluorene	1.00	1.18	18.0	30.00
Hexachlorobenzene	1.00	1.22	22.0	30.00
Hexachlorobutadiene	1.00	1.21	21.0	30.00
Hexachloroethane	1.00	0.00		30.00
Indeno(1,2,3-cd)pyrene	1.00	1.16	16.0	30.00
Naphthalene	1.00	1.15	15.0	30.00
Nitrobenzene	1.00	1.13	13.0	30.00
N-Nitrosodimethylamine	1.00	1.14	14.0	30.00
Pentachlorophenol	1.00	1.21	21.0	30.00
Phenanthrene	1.00	1.16	16.0	30.00
Pyrene	1.00	1.00	0.0	30.00

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-5 (23A0356-05)			Lab File ID: QQQ23136.d		Analyzed: 01/13/23 19:54			
M3PFBS	43.4	82.5	25 - 150	4.947017	4.911855	0.0352	+/-1.00	
M5PFHxA	46.5	79.5	25 - 150	5.777184	5.758683	0.0185	+/-1.00	
M4PFHpA	46.5	74.0	25 - 150	6.563567	6.558946	0.0046	+/-1.00	
M3PFHxS	44.1	90.6	25 - 150	6.6643	6.656318	0.0080	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	46.5	73.6	25 - 150	7.212383	7.230883	-0.0185	+/-1.00	
M6PFDA	23.3	83.0	25 - 150	8.35445	8.36024	-0.0058	+/-1.00	
M7PFUdA	23.3	62.7	25 - 150	8.825533	8.808079	0.0175	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	23.3	52.7	25 - 150	9.233483	9.195258	0.0382	+/-1.00	
M2PFTeDA	23.3	54.4	10 - 150	9.92515	9.894013	0.0311	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	186	79.6	25 - 150	1.057933	1.088911	-0.0310	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	44.6	92.2	25 - 150	7.85265	7.87006	-0.0174	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	93.1	82.4	25 - 150	4.099583	4.104181	-0.0046	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	46.5	11.4	10 - 150	9.01685	8.964461	0.0524	+/-1.00	
d3-N-MeFOSAA	93.1	68.6	25 - 150	8.5654	8.558448	0.0070	+/-1.00	
d5-N-EtFOSAA	93.1	61.7	25 - 150	8.7875	8.777927	0.0096	+/-1.00	
M2-6:2 FTS	88.5	70.4	25 - 200	7.1744	7.189817	-0.0154	+/-1.00	
M2-8:2 FTS	89.4	61.9	25 - 200	8.335067	8.342792	-0.0077	+/-1.00	
M9PFNA	23.3	84.9	25 - 150	7.8074	7.832919	-0.0255	+/-1.00	
M2-4:2 FTS	87.3	89.7	25 - 150	5.72065	5.70215	0.0185	+/-1.00	
d-N-MeFOSA	46.5	19.7	25 - 150	9.89525	9.834121	0.0611	+/-1.00	*
d-N-EtFOSA	46.5	48.9	25 - 150	10.17997	10.11588	0.0641	+/-1.00	
M3HFPO-DA	186	70.6	25 - 150	6.039933	6.026073	0.0139	+/-1.00	
d9-N-EtFOSE	465	27.3	25 - 150	10.15898	10.09507	0.0639	+/-1.00	
d7-N-MeFOSE	465	19.3	25 - 150	9.900817	9.831602	0.0692	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank (23A0356-10)			Lab File ID: QQQ23141.d		Analyzed: 01/13/23 21:15			
M3PFBS	41.5	97.2	25 - 150	4.947017	4.911855	0.0352	+/-1.00	
M5PFHxA	44.5	105	25 - 150	5.804934	5.758683	0.0463	+/-1.00	
M4PFHpA	44.5	103	25 - 150	6.619467	6.558946	0.0605	+/-1.00	
M3PFHxS	42.2	116	25 - 150	6.720267	6.656318	0.0639	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	44.5	94.8	25 - 150	7.305533	7.230883	0.0746	+/-1.00	
M6PFDA	22.2	100	25 - 150	8.4471	8.36024	0.0869	+/-1.00	
M7PFUdA	22.2	88.7	25 - 150	8.891316	8.808079	0.0832	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	22.2	82.8	25 - 150	9.279834	9.195258	0.0846	+/-1.00	
M2PFTeDA	22.2	68.4	10 - 150	9.9437	9.894013	0.0497	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	178	5.00	25 - 150	1.057933	1.088911	-0.0310	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	42.6	111	25 - 150	7.963867	7.87006	0.0938	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.0	53.0	25 - 150	4.0904	4.104181	-0.0138	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	44.5	39.3	10 - 150	9.0726	8.964461	0.1081	+/-1.00	
d3-N-MeFOSAA	89.0	89.9	25 - 150	8.639533	8.558448	0.0811	+/-1.00	
d5-N-EtFOSAA	89.0	98.1	25 - 150	8.86255	8.777927	0.0846	+/-1.00	
M2-6:2 FTS	84.6	88.1	25 - 200	7.2669	7.189817	0.0771	+/-1.00	
M2-8:2 FTS	85.4	87.3	25 - 200	8.427716	8.342792	0.0849	+/-1.00	
M9PFNA	22.2	113	25 - 150	7.918766	7.832919	0.0858	+/-1.00	
M2-4:2 FTS	83.4	79.6	25 - 150	5.73915	5.70215	0.0370	+/-1.00	
d-N-MeFOSA	44.5	13.4	25 - 150	9.92295	9.834121	0.0888	+/-1.00	*
d-N-EtFOSA	44.5	54.5	25 - 150	10.19838	10.11588	0.0825	+/-1.00	
M3HFPO-DA	178	92.2	25 - 150	6.076883	6.026073	0.0508	+/-1.00	
d9-N-EtFOSE	445	20.0	25 - 150	10.1774	10.09507	0.0823	+/-1.00	*
d7-N-MeFOSE	445	25.3	25 - 150	9.9285	9.831602	0.0969	+/-1.00	

DUPLICATES

MW-6

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Water
Laboratory ID: BA30396-DUP1
Batch: BA30396
Lab Source ID: 23A0356-06
Preparation: EPA 1633 Prep
Initial/Final: 257.23 mL / 5 mL
Source Sample Name: MW-6
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ng/L)	C	DUPLICATE CONCENTRATION (ng/L)	C	RPD %	Q	METHOD
Perfluorododecanesulfonic acid (PFDoS)	30	ND		ND				EPA 1633 Draft 2
Perfluorododecanoic acid (PFDoA)	30	ND		ND				EPA 1633 Draft 2
Perfluoroheptanoic acid (PFHpA)	30	1.23		0.724		52.0	*	EPA 1633 Draft 2
Perfluorohexanesulfonic acid (PFHxS)	30	1.17		0.713		48.2	*	EPA 1633 Draft 2
Perfluorohexanoic acid (PFHxA)	30	1.80		1.72		4.82		EPA 1633 Draft 2
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		12.5		15.2				EPA 1633 Draft 2
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS		0.00		0.00				EPA 1633 Draft 2
Perfluoro-n-[13C4]butanoic acid (MPFBA)		140		173				EPA 1633 Draft 2
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS		0.00		0.00				EPA 1633 Draft 2
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		69.2		82.9				EPA 1633 Draft 2
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS		0.00		0.00				EPA 1633 Draft 2
Perfluoro-n-[13C8]octanoic acid (M8PFOA)		32.5		40.0				EPA 1633 Draft 2
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS		0.00		0.00				EPA 1633 Draft 2
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS		0.00		0.00				EPA 1633 Draft 2
Perfluoro-n-butanoic acid (PFBA)	30	3.90		3.07		23.9		EPA 1633 Draft 2
Perfluorononanoic acid (PFNA)	30	ND		ND				EPA 1633 Draft 2
Perfluorooctanesulfonic acid (PFOS)	30	2.64		2.23		16.9		EPA 1633 Draft 2
Perfluorooctanoic acid (PFOA)	30	1.80		2.55		34.7	*	EPA 1633 Draft 2
Perfluoropentanoic acid (PFPeA)	30	2.09		1.94		7.17		EPA 1633 Draft 2
Perfluorotetradecanoic acid (PFTA)	30	ND		ND				EPA 1633 Draft 2
Perfluorotridecanoic acid (PFTrDA)	30	ND		ND				EPA 1633 Draft 2

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30396	Laboratory ID:	BA30396-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250.03 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	15.1	17.3	114	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	30.7	32.0	104	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	30.0	29.2	97.5	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	30.4	28.8	94.7	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	160	63.3	39.5 *	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	160	51.0	31.9 *	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	32.0	7.10	22.2 *	50 - 150
9CL-PF3ONS	15.0	18.9	126	50 - 150
ADONA	15.1	16.4	108	50 - 150
HFPO-DA (Gen-X)	16.0	12.7	79.5	50 - 150
N-EtFOSA	8.00	5.88	73.6	50 - 150
N-EtFOSAA	8.00	7.81	97.6	50 - 150
N-EtFOSE	80.0	71.6	89.4	50 - 150
N-MeFOSA	8.00	8.68	109	50 - 150
N-MeFOSAA	8.00	7.70	96.3	50 - 150
N-MeFOSE	80.0	67.0	83.7	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	14.2	15.4	108	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	7.72	7.88	102	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.64	7.81	102	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	7.68	8.88	116	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	8.00	7.11	88.9	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	7.52	6.52	86.7	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	16.0	8.53	53.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	16.0	15.8	98.6	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	16.0	14.6	91.4	50 - 150
Perfluorobutanesulfonic acid (PFBS)	7.08	7.09	100	50 - 150
Perfluorodecanoic acid (PFDA)	8.00	7.51	93.9	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	7.76	6.24	80.5	50 - 150
Perfluorododecanoic acid (PFDoA)	8.00	7.17	89.7	50 - 150

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30396-BLK1	File ID:	QQQ23117.d
Prepared:	01/10/23 15:06	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/13/23 14:48	Instrument:	LCQQQ		
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11CL-PF3OUdS	8.00	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	8.00	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	8.00	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.00	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	25.0	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	25.0	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	5.00	U
756426-58-1	9CL-PF3ONS	8.00	U
919005-14-4	ADONA	8.00	U
13252-13-6	HFPO-DA (Gen-X)	8.00	U
4151-50-2	N-EtFOSA	0.200	
2991-50-6	N-EtFOSAA	2.00	U
1691-99-2	N-EtFOSE	20.0	U
31506-32-8	N-MeFOSA	2.00	U
2355-31-9	N-MeFOSAA	2.00	U
24448-09-7	N-MeFOSE	20.0	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.00	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	2.00	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.00	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	2.00	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	2.00	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	2.00	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	4.00	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	4.00	U
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.00	U
335-76-2	Perfluorodecanoic acid (PFDA)	2.00	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	2.00	U
307-55-1	Perfluorododecanoic acid (PFDoA)	2.00	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30396-BLK1	File ID:	QQQ23117.d
Prepared:	01/10/23 15:06	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/13/23 14:48	Instrument:	LCQQQ		
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001

CAS NO.	COMPOUND	CONC. (ng/L)	Q
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	2.00	U
307-24-4	Perfluorohexanoic acid (PFHxA)	2.00	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	8.00	U
375-95-1	Perfluorononanoic acid (PFNA)	2.00	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.00	U
335-67-1	Perfluorooctanoic acid (PFOA)	0.430	J
2706-90-3	Perfluoropentanoic acid (PFPeA)	4.00	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	2.00	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	2.00	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	2.00	U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
d3-N-MeFOSAA	100	83.2	83.3	25 - 150	
d5-N-EtFOSAA	100	88.2	88.2	25 - 150	
d7-N-MeFOSE	500	113	22.7	25 - 150	*
d9-N-EtFOSE	500	121	24.3	25 - 150	*
d-N-EtFOSA	50.0	34.3	68.6	25 - 150	
d-N-MeFOSA	50.0	11.5	23.1	25 - 150	*
M2-4:2 FTS	93.8	64.2	68.4	25 - 150	
M2-6:2 FTS	95.1	69.8	73.4	25 - 200	
M2-8:2 FTS	96.0	65.1	67.8	25 - 200	
M2PFTeDA	25.0	14.6	58.6	10 - 150	
M3HFPO-DA	200	141	70.6	25 - 150	
M3PFBS	46.6	37.3	80.1	25 - 150	
M3PFHxS	47.4	49.2	104	25 - 150	
M4PFHpA	50.0	34.5	69.0	25 - 150	
M5PFHxA	50.0	39.4	78.8	25 - 150	
M6PFDA	25.0	21.0	84.2	25 - 150	
M7PFUdA	25.0	19.1	76.6	25 - 150	
M9PFNA	25.0	21.2	84.9	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	50.0	5.65	11.3	10 - 150	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-1 (23A0356-01)			Lab File ID: QQQ23133.d			Analyzed: 01/13/23 19:06			
M3PFBA	49750.71	1.078583	51393.73	1.078583	97	50 - 150	0.0000	+/-0.50	
MPFDA	20612.01	8.3456	21926.46	8.419733	94	50 - 150	-0.0741	+/-0.50	
MPFHxA	72039.06	5.78745	71951.72	5.8152	100	50 - 150	-0.0278	+/-0.50	
MPFHxS	4952.859	6.6735	4331.479	6.719717	114	50 - 150	-0.0462	+/-0.50	
MPFNA	23274.58	7.82635	23499.05	7.8913	99	50 - 150	-0.0650	+/-0.50	
MPFOA	62444.51	7.231367	63936.53	7.286867	98	50 - 150	-0.0555	+/-0.50	
MPFOS	10998.58	7.853034	11299.72	7.927283	97	50 - 150	-0.0742	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	3225.733	7.816683	6882.336	7.890917	47	25 - 150	-0.0742	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	24083.41	7.230883	51756.62	7.286383	47	25 - 150	-0.0555	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	60806.21	4.0904	149245.3	4.108783	41	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	67017.91	1.076283	185775.8	1.076283	36	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	21273.32	9.18715	44062.63	9.2613	48	25 - 150	-0.0741	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	3403.71	7.85265	5224.512	7.9269	65	25 - 150	-0.0743	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	3777.052	8.98905	19829.24	9.0539	19	25 - 150	-0.0648	+/-0.50	*
M7PFUdA-EIS	24185.61	8.797684	45671.73	8.872766	53	25 - 150	-0.0751	+/-0.50	
M6PFDA-EIS	14042.07	8.345183	27211.09	8.4193	52	25 - 150	-0.0741	+/-0.50	
M5PFHxA-EIS	41906.92	5.786433	95763.06	5.804934	44	25 - 150	-0.0185	+/-0.50	
M4PFHpA-EIS	8995.026	6.572834	21412.51	6.6102	42	25 - 150	-0.0374	+/-0.50	
M3PFHxS-EIS	8169.148	6.674033	12760.05	6.711017	64	25 - 150	-0.0370	+/-0.50	
M3PFBS-EIS	10789.35	4.9378	20099.1	4.95625	54	25 - 150	-0.0184	+/-0.50	
M3-HFPO-DA-EIS	21871.66	6.049167	60868.45	6.076883	36	25 - 150	-0.0277	+/-0.50	
M2PFTeDA-EIS	11762.31	9.879017	24376.31	9.9437	48	25 - 150	-0.0647	+/-0.50	
M2-8-2FTS-EIS	20783.1	8.3258	37510.51	8.390667	55	25 - 150	-0.0649	+/-0.50	
M2-6-2FTS-EIS	15617.58	7.18365	26865.83	7.23915	58	25 - 150	-0.0555	+/-0.50	
M2-4-2FTS-EIS	23413.32	5.72065	42811.21	5.7484	55	25 - 150	-0.0278	+/-0.50	
d9-NEtFOSE-EIS	4012.466	10.12157	10289.56	10.1866	39	25 - 150	-0.0650	+/-0.50	
d7-NMeFOSE-EIS	4225.422	9.8639	12998.28	9.9285	33	25 - 150	-0.0646	+/-0.50	
d5-NEtFOSA-EIS	913.504	10.14353	121.1629	10.06057	754	25 - 150	0.0830	+/-0.50	*
d5-N-EtFOSAA-EIS	21661.89	8.768467	33596.31	8.843984	64	25 - 150	-0.0755	+/-0.50	
d3-NMeFOSA-EIS	836.7321	9.85835	2503.835	9.92295	33	25 - 150	-0.0646	+/-0.50	
d3-N-MeFOSAA-EIS	23301.25	8.546866	40068.17	8.621	58	25 - 150	-0.0741	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-3 (23A0356-03)			Lab File ID: QQQ23134.d			Analyzed: 01/13/23 19:22			
M3PFBA	51002.34	1.0694	51393.73	1.078583	99	50 - 150	-0.0092	+/-0.50	
MPFDA	20493.05	8.354867	21926.46	8.419733	93	50 - 150	-0.0649	+/-0.50	
MPFHxA	60142.71	5.7597	71951.72	5.8152	84	50 - 150	-0.0555	+/-0.50	
MPFHxS	4951.223	6.626783	4331.479	6.719717	114	50 - 150	-0.0929	+/-0.50	
MPFNA	23801.59	7.7985	23499.05	7.8913	101	50 - 150	-0.0928	+/-0.50	
MPFOA	43466.61	7.194366	63936.53	7.286867	68	50 - 150	-0.0925	+/-0.50	
MPFOS	10779.93	7.843767	11299.72	7.927283	95	50 - 150	-0.0835	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	4704.483	7.8074	6882.336	7.890917	68	25 - 150	-0.0835	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	26593.88	7.193883	51756.62	7.286383	51	25 - 150	-0.0925	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	87194.41	4.108783	149245.3	4.108783	58	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	101453.3	1.067117	185775.8	1.076283	55	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	21581.41	9.224216	44062.63	9.2613	49	25 - 150	-0.0371	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	3983.603	7.843383	5224.512	7.9269	76	25 - 150	-0.0835	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	5860.031	9.007584	19829.24	9.0539	30	25 - 150	-0.0463	+/-0.50	
M7PFUdA-EIS	25784.36	8.81625	45671.73	8.872766	56	25 - 150	-0.0565	+/-0.50	
M6PFDA-EIS	17171.38	8.35445	27211.09	8.4193	63	25 - 150	-0.0648	+/-0.50	
M5PFHxA-EIS	51424.21	5.758683	95763.06	5.804934	54	25 - 150	-0.0463	+/-0.50	
M4PFHpA-EIS	11416.65	6.526533	21412.51	6.6102	53	25 - 150	-0.0837	+/-0.50	
M3PFHxS-EIS	9536.975	6.618017	12760.05	6.711017	75	25 - 150	-0.0930	+/-0.50	
M3PFBS-EIS	12596.99	4.928583	20099.1	4.95625	63	25 - 150	-0.0277	+/-0.50	
M3-HFPO-DA-EIS	29769.49	6.012217	60868.45	6.076883	49	25 - 150	-0.0647	+/-0.50	
M2PFTeDA-EIS	8374.445	9.915934	24376.31	9.9437	34	25 - 150	-0.0278	+/-0.50	
M2-8-2FTS-EIS	26691.22	8.3258	37510.51	8.390667	71	25 - 150	-0.0649	+/-0.50	
M2-6-2FTS-EIS	38089.16	7.137383	26865.83	7.23915	142	25 - 150	-0.1018	+/-0.50	
M2-4-2FTS-EIS	65913.57	5.70215	42811.21	5.7484	154	25 - 150	-0.0463	+/-0.50	*
d9-NEtFOSE-EIS	2917.765	10.15898	10289.56	10.1866	28	25 - 150	-0.0276	+/-0.50	
d7-NMeFOSE-EIS	3819.666	9.891583	12998.28	9.9285	29	25 - 150	-0.0369	+/-0.50	
d5-NEtFOSA-EIS	689.363	10.17075	121.1629	10.06057	569	25 - 150	0.1102	+/-0.50	*
d5-N-EtFOSAA-EIS	18689.57	8.7875	33596.31	8.843984	56	25 - 150	-0.0565	+/-0.50	
d3-NMeFOSA-EIS	870.0096	9.886033	2503.835	9.92295	35	25 - 150	-0.0369	+/-0.50	
d3-N-MeFOSAA-EIS	22053.98	8.556133	40068.17	8.621	55	25 - 150	-0.0649	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-5 (23A0356-05)			Lab File ID: QQQ23136.d			Analyzed: 01/13/23 19:54			
M3PFBA	51625.52	1.060217	51393.73	1.078583	100	50 - 150	-0.0184	+/-0.50	
MPFDA	18720.17	8.354867	21926.46	8.419733	85	50 - 150	-0.0649	+/-0.50	
MPFHxA	69679.99	5.7782	71951.72	5.8152	97	50 - 150	-0.0370	+/-0.50	
MPFHxS	4754.577	6.663816	4331.479	6.719717	110	50 - 150	-0.0559	+/-0.50	
MPFNA	21945.87	7.807783	23499.05	7.8913	93	50 - 150	-0.0835	+/-0.50	
MPFOA	60466.86	7.212867	63936.53	7.286867	95	50 - 150	-0.0740	+/-0.50	
MPFOS	10637.22	7.853034	11299.72	7.927283	94	50 - 150	-0.0742	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	4406.726	7.8074	6882.336	7.890917	64	25 - 150	-0.0835	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	36138.7	7.212383	51756.62	7.286383	70	25 - 150	-0.0740	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	103051.7	4.099583	149245.3	4.108783	69	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	128759.8	1.057933	185775.8	1.076283	69	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	21452.18	9.233483	44062.63	9.2613	49	25 - 150	-0.0278	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4070.555	7.85265	5224.512	7.9269	78	25 - 150	-0.0743	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	1751.653	9.01685	19829.24	9.0539	9	25 - 150	-0.0371	+/-0.50	*
M7PFUdA-EIS	25345.56	8.825533	45671.73	8.872766	55	25 - 150	-0.0472	+/-0.50	
M6PFDA-EIS	17996.42	8.35445	27211.09	8.4193	66	25 - 150	-0.0648	+/-0.50	
M5PFHxA-EIS	64002.48	5.777184	95763.06	5.804934	67	25 - 150	-0.0278	+/-0.50	
M4PFHpA-EIS	14974.54	6.563567	21412.51	6.6102	70	25 - 150	-0.0466	+/-0.50	
M3PFHxS-EIS	9996.315	6.6643	12760.05	6.711017	78	25 - 150	-0.0467	+/-0.50	
M3PFBS-EIS	14813.85	4.947017	20099.1	4.95625	74	25 - 150	-0.0092	+/-0.50	
M3-HFPO-DA-EIS	39039.84	6.039933	60868.45	6.076883	64	25 - 150	-0.0369	+/-0.50	
M2PFTeDA-EIS	14057.65	9.92515	24376.31	9.9437	58	25 - 150	-0.0185	+/-0.50	
M2-8-2FTS-EIS	24426.59	8.335067	37510.51	8.390667	65	25 - 150	-0.0556	+/-0.50	
M2-6-2FTS-EIS	20064.4	7.1744	26865.83	7.23915	75	25 - 150	-0.0648	+/-0.50	
M2-4-2FTS-EIS	38573.38	5.72065	42811.21	5.7484	90	25 - 150	-0.0278	+/-0.50	
d9-NEtFOSE-EIS	2422.573	10.15898	10289.56	10.1866	24	25 - 150	-0.0276	+/-0.50	*
d7-NMeFOSE-EIS	2183.278	9.900817	12998.28	9.9285	17	25 - 150	-0.0277	+/-0.50	*
d5-NEtFOSA-EIS	66.13802	10.079	121.1629	10.06057	55	25 - 150	0.0184	+/-0.50	
d5-N-EtFOSAA-EIS	19640.28	8.7875	33596.31	8.843984	58	25 - 150	-0.0565	+/-0.50	
d3-NMeFOSA-EIS	475.7233	9.89525	2503.835	9.92295	19	25 - 150	-0.0277	+/-0.50	*
d3-N-MeFOSAA-EIS	24800.71	8.5654	40068.17	8.621	62	25 - 150	-0.0556	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-6 (23A0356-06)			Lab File ID: QQQ23137.d			Analyzed: 01/13/23 20:10			
M3PFBA	51125.61	1.060217	51393.73	1.078583	99	50 - 150	-0.0184	+/-0.50	
MPFDA	22222.26	8.428984	21926.46	8.419733	101	50 - 150	0.0093	+/-0.50	
MPFHxA	68841.32	5.75045	71951.72	5.8152	96	50 - 150	-0.0648	+/-0.50	
MPFHxS	4974.488	6.663816	4331.479	6.719717	115	50 - 150	-0.0559	+/-0.50	
MPFNA	23720.74	7.882033	23499.05	7.8913	101	50 - 150	-0.0093	+/-0.50	
MPFOA	60126.12	7.259117	63936.53	7.286867	94	50 - 150	-0.0278	+/-0.50	
MPFOS	10447.58	7.927283	11299.72	7.927283	92	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	4278.112	7.881633	6882.336	7.890917	62	25 - 150	-0.0093	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	35131.13	7.258633	51756.62	7.286383	68	25 - 150	-0.0278	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	94619.77	4.0812	149245.3	4.108783	63	25 - 150	-0.0276	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	124160.3	1.057933	185775.8	1.076283	67	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	26808.29	9.270567	44062.63	9.2613	61	25 - 150	0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4208.012	7.9269	5224.512	7.9269	81	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	3084.772	9.0726	19829.24	9.0539	16	25 - 150	0.0187	+/-0.50	*
M7PFUdA-EIS	31720.91	8.882033	45671.73	8.872766	69	25 - 150	0.0093	+/-0.50	
M6PFDA-EIS	17931.4	8.428567	27211.09	8.4193	66	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	63009.54	5.749434	95763.06	5.804934	66	25 - 150	-0.0555	+/-0.50	
M4PFHpA-EIS	12975.69	6.563567	21412.51	6.6102	61	25 - 150	-0.0466	+/-0.50	
M3PFHxS-EIS	9382.353	6.674033	12760.05	6.711017	74	25 - 150	-0.0370	+/-0.50	
M3PFBS-EIS	14144.17	4.918684	20099.1	4.95625	70	25 - 150	-0.0376	+/-0.50	
M3-HFPO-DA-EIS	36188.75	6.02145	60868.45	6.076883	59	25 - 150	-0.0554	+/-0.50	
M2PFTeDA-EIS	13421.92	9.952917	24376.31	9.9437	55	25 - 150	0.0092	+/-0.50	
M2-8-2FTS-EIS	28309.11	8.409184	37510.51	8.390667	75	25 - 150	0.0185	+/-0.50	
M2-6-2FTS-EIS	18005.78	7.22065	26865.83	7.23915	67	25 - 150	-0.0185	+/-0.50	
M2-4-2FTS-EIS	26086.16	5.6929	42811.21	5.7484	61	25 - 150	-0.0555	+/-0.50	
d9-NEtFOSE-EIS	3573.405	10.1866	10289.56	10.1866	35	25 - 150	0.0000	+/-0.50	
d7-NMeFOSE-EIS	4456.586	9.9285	12998.28	9.9285	34	25 - 150	0.0000	+/-0.50	
d5-NEtFOSA-EIS	453.4169	10.19838	121.1629	10.06057	374	25 - 150	0.1378	+/-0.50	*
d5-N-EtFOSAA-EIS	25081.64	8.853267	33596.31	8.843984	75	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	985.1779	9.92295	2503.835	9.92295	39	25 - 150	0.0000	+/-0.50	
d3-N-MeFOSAA-EIS	26263.3	8.630267	40068.17	8.621	66	25 - 150	0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-7 (23A0356-07)			Lab File ID: QQQ23139.d			Analyzed: 01/13/23 20:42			
M3PFBA	52091.65	1.0694	51393.73	1.078583	101	50 - 150	-0.0092	+/-0.50	
MPFDA	19899.92	8.428984	21926.46	8.419733	91	50 - 150	0.0093	+/-0.50	
MPFHxA	68133.16	5.7597	71951.72	5.8152	95	50 - 150	-0.0555	+/-0.50	
MPFHxS	4811.98	6.682734	4331.479	6.719717	111	50 - 150	-0.0370	+/-0.50	
MPFNA	23365.08	7.8913	23499.05	7.8913	99	50 - 150	0.0000	+/-0.50	
MPFOA	57898.38	7.277617	63936.53	7.286867	91	50 - 150	-0.0092	+/-0.50	
MPFOS	10441.66	7.936567	11299.72	7.927283	92	50 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6618.122	7.890917	6882.336	7.890917	96	25 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	49116.98	7.277133	51756.62	7.286383	95	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	138541	4.053633	149245.3	4.108783	93	25 - 150	-0.0552	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	157604.9	1.067117	185775.8	1.076283	85	25 - 150	-0.0092	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	33906.24	9.270567	44062.63	9.2613	77	25 - 150	0.0093	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	5208.76	7.9269	5224.512	7.9269	100	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	6018.805	9.063334	19829.24	9.0539	30	25 - 150	0.0094	+/-0.50	
M7PFUdA-EIS	42621.4	8.882033	45671.73	8.872766	93	25 - 150	0.0093	+/-0.50	
M6PFDA-EIS	24723.33	8.428567	27211.09	8.4193	91	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	87721.2	5.758683	95763.06	5.804934	92	25 - 150	-0.0463	+/-0.50	
M4PFHpA-EIS	18753.91	6.5821	21412.51	6.6102	88	25 - 150	-0.0281	+/-0.50	
M3PFHxS-EIS	12383.34	6.683283	12760.05	6.711017	97	25 - 150	-0.0277	+/-0.50	
M3PFBS-EIS	17803.43	4.90025	20099.1	4.95625	89	25 - 150	-0.0560	+/-0.50	
M3-HFPO-DA-EIS	53648.09	6.0307	60868.45	6.076883	88	25 - 150	-0.0462	+/-0.50	
M2PFTeDA-EIS	16686.85	9.934484	24376.31	9.9437	68	25 - 150	-0.0092	+/-0.50	
M2-8-2FTS-EIS	33978.86	8.409184	37510.51	8.390667	91	25 - 150	0.0185	+/-0.50	
M2-6-2FTS-EIS	24320.38	7.2299	26865.83	7.23915	91	25 - 150	-0.0093	+/-0.50	
M2-4-2FTS-EIS	46168.03	5.70215	42811.21	5.7484	108	25 - 150	-0.0463	+/-0.50	
d9-NEtFOSE-EIS	4309.086	10.16818	10289.56	10.1866	42	25 - 150	-0.0184	+/-0.50	
d7-NMeFOSE-EIS	5482.857	9.919267	12998.28	9.9285	42	25 - 150	-0.0092	+/-0.50	
d5-NEtFOSA-EIS	987.4418	10.18917	121.1629	10.06057	815	25 - 150	0.1286	+/-0.50	*
d5-N-EtFOSAA-EIS	27235.59	8.853267	33596.31	8.843984	81	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	1037.202	9.913716	2503.835	9.92295	41	25 - 150	-0.0092	+/-0.50	
d3-N-MeFOSAA-EIS	31358.04	8.630267	40068.17	8.621	78	25 - 150	0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-1 Dup (23A0356-08)			Lab File ID: QQQ23140.d			Analyzed: 01/13/23 20:58			
M3PFBA	55773.11	1.05105	51393.73	1.078583	109	50 - 150	-0.0275	+/-0.50	
MPFDA	21297.14	8.428984	21926.46	8.419733	97	50 - 150	0.0093	+/-0.50	
MPFHxA	80063.42	5.78745	71951.72	5.8152	111	50 - 150	-0.0278	+/-0.50	
MPFHxS	5515.76	6.710484	4331.479	6.719717	127	50 - 150	-0.0092	+/-0.50	
MPFNA	23551.87	7.909867	23499.05	7.8913	100	50 - 150	0.0186	+/-0.50	
MPFOA	67071.63	7.2967	63936.53	7.286867	105	50 - 150	0.0098	+/-0.50	
MPFOS	10711.42	7.94585	11299.72	7.927283	95	50 - 150	0.0186	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	5996.494	7.9002	6882.336	7.890917	87	25 - 150	0.0093	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	50103.65	7.296283	51756.62	7.286383	97	25 - 150	0.0099	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	145735.3	4.072017	149245.3	4.108783	98	25 - 150	-0.0368	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	191378.2	1.04875	185775.8	1.076283	103	25 - 150	-0.0275	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	37765.34	9.2613	44062.63	9.2613	86	25 - 150	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	5195.511	7.945317	5224.512	7.9269	99	25 - 150	0.0184	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	14536.37	9.0539	19829.24	9.0539	73	25 - 150	0.0000	+/-0.50	
M7PFUdA-EIS	42917.91	8.872766	45671.73	8.872766	94	25 - 150	0.0000	+/-0.50	
M6PFDA-EIS	29145.08	8.428567	27211.09	8.4193	107	25 - 150	0.0093	+/-0.50	
M5PFHxA-EIS	93231.47	5.786433	95763.06	5.804934	97	25 - 150	-0.0185	+/-0.50	
M4PFHpA-EIS	20153.43	6.60095	21412.51	6.6102	94	25 - 150	-0.0092	+/-0.50	
M3PFHxS-EIS	13235.18	6.711017	12760.05	6.711017	104	25 - 150	0.0000	+/-0.50	
M3PFBS-EIS	19333.54	4.928583	20099.1	4.95625	96	25 - 150	-0.0277	+/-0.50	
M3-HFPO-DA-EIS	56871.95	6.0584	60868.45	6.076883	93	25 - 150	-0.0185	+/-0.50	
M2PFTeDA-EIS	16640.88	9.915934	24376.31	9.9437	68	25 - 150	-0.0278	+/-0.50	
M2-8-2FTS-EIS	34123.56	8.409184	37510.51	8.390667	91	25 - 150	0.0185	+/-0.50	
M2-6-2FTS-EIS	27928.66	7.2484	26865.83	7.23915	104	25 - 150	0.0092	+/-0.50	
M2-4-2FTS-EIS	52355.95	5.7299	42811.21	5.7484	122	25 - 150	-0.0185	+/-0.50	
d9-NEtFOSE-EIS	5065.37	10.14002	10289.56	10.1866	49	25 - 150	-0.0466	+/-0.50	
d7-NMeFOSE-EIS	7021.774	9.900817	12998.28	9.9285	54	25 - 150	-0.0277	+/-0.50	
d5-NEtFOSA-EIS	1087.09	10.16155	121.1629	10.06057	897	25 - 150	0.1010	+/-0.50	*
d5-N-EtFOSAA-EIS	30287.14	8.853267	33596.31	8.843984	90	25 - 150	0.0093	+/-0.50	
d3-NMeFOSA-EIS	1538.1	9.895267	2503.835	9.92295	61	25 - 150	-0.0277	+/-0.50	
d3-N-MeFOSAA-EIS	33680.02	8.630267	40068.17	8.621	84	25 - 150	0.0093	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S3A1334
Instrument: LCQQQ
Calibration: SL20001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Field Blank (23A0356-10)			Lab File ID: QQQ23141.d			Analyzed: 01/13/23 21:15			
M3PFBA	47951.42	1.060217	51393.73	1.078583	93	50 - 150	-0.0184	+/-0.50	
MPFDA	21301.46	8.447516	21926.46	8.419733	97	50 - 150	0.0278	+/-0.50	
MPFHxA	68971.78	5.80595	71951.72	5.8152	96	50 - 150	-0.0092	+/-0.50	
MPFHxS	4620.431	6.719717	4331.479	6.719717	107	50 - 150	0.0000	+/-0.50	
MPFNA	23064.73	7.91915	23499.05	7.8913	98	50 - 150	0.0278	+/-0.50	
MPFOA	61209.36	7.305967	63936.53	7.286867	96	50 - 150	0.0191	+/-0.50	
MPFOS	10703.41	7.955133	11299.72	7.927283	95	50 - 150	0.0278	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	6144.477	7.918766	6882.336	7.890917	89	25 - 150	0.0278	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	47134.91	7.305533	51756.62	7.286383	91	25 - 150	0.0191	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	65623.97	4.0904	149245.3	4.108783	44	25 - 150	-0.0184	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	7475.542	1.057933	185775.8	1.076283	4	25 - 150	-0.0184	+/-0.50	*
Perfluoro-n-[1,2-13C2]dodecanoic ac	38352.87	9.279834	44062.63	9.2613	87	25 - 150	0.0185	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	4943.432	7.963867	5224.512	7.9269	95	25 - 150	0.0370	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	6052.755	9.0726	19829.24	9.0539	31	25 - 150	0.0187	+/-0.50	
M7PFUdA-EIS	40800.33	8.891316	45671.73	8.872766	89	25 - 150	0.0185	+/-0.50	
M6PFDA-EIS	24705.68	8.4471	27211.09	8.4193	91	25 - 150	0.0278	+/-0.50	
M5PFHxA-EIS	83676.84	5.804934	95763.06	5.804934	87	25 - 150	0.0000	+/-0.50	
M4PFHpA-EIS	20607.36	6.619467	21412.51	6.6102	96	25 - 150	0.0093	+/-0.50	
M3PFHxS-EIS	12477.07	6.720267	12760.05	6.711017	98	25 - 150	0.0092	+/-0.50	
M3PFBS-EIS	16912.42	4.947017	20099.1	4.95625	84	25 - 150	-0.0092	+/-0.50	
M3-HFPO-DA-EIS	50506.52	6.076883	60868.45	6.076883	83	25 - 150	0.0000	+/-0.50	
M2PFTeDA-EIS	20120.87	9.9437	24376.31	9.9437	83	25 - 150	0.0000	+/-0.50	
M2-8-2FTS-EIS	33453.87	8.427716	37510.51	8.390667	89	25 - 150	0.0370	+/-0.50	
M2-6-2FTS-EIS	24419.29	7.2669	26865.83	7.23915	91	25 - 150	0.0277	+/-0.50	
M2-4-2FTS-EIS	33244.8	5.73915	42811.21	5.7484	78	25 - 150	-0.0092	+/-0.50	
d9-NEtFOSE-EIS	1760.25	10.1774	10289.56	10.1866	17	25 - 150	-0.0092	+/-0.50	*
d7-NMeFOSE-EIS	2874.972	9.9285	12998.28	9.9285	22	25 - 150	0.0000	+/-0.50	*
d5-NEtFOSA-EIS	161.3219	10.10667	121.1629	10.06057	133	25 - 150	0.0461	+/-0.50	
d5-N-EtFOSAA-EIS	31450.11	8.86255	33596.31	8.843984	94	25 - 150	0.0186	+/-0.50	
d3-NMeFOSA-EIS	322.991	9.92295	2503.835	9.92295	13	25 - 150	0.0000	+/-0.50	*
d3-N-MeFOSAA-EIS	32702.77	8.639533	40068.17	8.621	82	25 - 150	0.0185	+/-0.50	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: Nexion2000C
Calibration: 01/11/23
Control Limt: +/- 10.00%
Sequence: S3A1128

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S3A1128-ICV1	Antimony	50.0	52.5	105	ug/L	EPA 6020B
	Arsenic	50.0	49.1	98.2	ug/L	EPA 6020B
	Beryllium	50.0	53.6	107	ug/L	EPA 6020B
	Cadmium	50.0	51.2	102	ug/L	EPA 6020B
	Selenium	50.0	50.7	101	ug/L	EPA 6020B
	Thallium	50.0	54.7	109	ug/L	EPA 6020B
S3A1128-CCV1	Antimony	50.0	49.3	98.6	ug/L	EPA 6020B
	Arsenic	50.0	47.7	95.4	ug/L	EPA 6020B
	Beryllium	50.0	50.8	102	ug/L	EPA 6020B
	Cadmium	50.0	49.7	99.4	ug/L	EPA 6020B
	Selenium	50.0	51.3	103	ug/L	EPA 6020B
	Thallium	50.0	50.6	101	ug/L	EPA 6020B
S3A1128-CCV2	Antimony	50.0	48.7	97.3	ug/L	EPA 6020B
	Arsenic	50.0	49.5	99.0	ug/L	EPA 6020B
	Beryllium	50.0	49.9	99.8	ug/L	EPA 6020B
	Cadmium	50.0	48.6	97.2	ug/L	EPA 6020B
	Selenium	50.0	42.5	84.9 *	ug/L	EPA 6020B
	Thallium	50.0	51.8	104	ug/L	EPA 6020B
S3A1128-CCV3	Antimony	50.0	48.5	97.0	ug/L	EPA 6020B
	Arsenic	50.0	48.1	96.2	ug/L	EPA 6020B
	Beryllium	50.0	50.2	100	ug/L	EPA 6020B
	Cadmium	50.0	47.6	95.1	ug/L	EPA 6020B
	Selenium	50.0	48.6	97.3	ug/L	EPA 6020B
	Thallium	50.0	53.0	106	ug/L	EPA 6020B
S3A1128-CCV4	Antimony	50.0	47.8	95.7	ug/L	EPA 6020B
	Arsenic	50.0	49.9	99.8	ug/L	EPA 6020B
	Beryllium	50.0	50.9	102	ug/L	EPA 6020B
	Cadmium	50.0	46.8	93.6	ug/L	EPA 6020B
	Selenium	50.0	46.2	92.4	ug/L	EPA 6020B
	Thallium	50.0	49.2	98.4	ug/L	EPA 6020B

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 1633 Draft 2

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SL20001
Laboratory ID: S2K2967-SCV1
Sequence: S2K2967
Standard ID: S22K191

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DIFF	QC LIMIT
HFPO-DA (Gen-X)	20.0	20.8	4.2	30.00
11CL-PF3OUdS	18.9	19.9	5.3	30.00
9CL-PF3ONS	18.7	20.4	9.2	30.00
ADONA	18.9	19.9	5.3	30.00
Perfluorododecanesulfonic acid (PFDoS)	4.85	4.94	1.9	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	4.81	5.46	13.4	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	25.0	20.1	-19.7	30.00
3-Perfluoropentyl propanoic acid (FPePA)	125	112	-10.2	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	125	108	-13.7	30.00
N-MeFOSE	50.0	55.2	10.4	30.00
N-MeFOSA	5.00	6.88	37.6 *	30.00
N-EtFOSE	50.0	59.6	19.2	30.00
N-EtFOSA	5.00	6.19	23.8	30.00
M3PFBS	2.33	2.45	5.3	
M5PFHxA	2.50	2.50	-0.01	
M4PFHpA	2.50	2.41	-3.5	
M3PFHxS	2.37	2.53	6.8	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.55	2.0	
M6PFDA	1.25	1.28	2.3	
M7PFUdA	1.25	1.27	1.8	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.35	8.4	
M2PFTeDA	1.25	1.30	4.0	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	9.86	-1.4	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.47	2.9	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	4.91	-1.7	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.49	-0.4	
d3-N-MeFOSAA	5.00	4.79	-4.2	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23131.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1334	Injection Date:	01/13/23
Lab Sample ID:	S3A1334-CCV3	Injection Time:	18:33

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.7	0.7060242	0.7893321		12.9	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.3	0.2338291	0.2424984		6.9	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.4	1.017768	1.127742		10.7	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.1	1.101837	1.180293		6.2	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	73.3	0.1007375	0.1287257		17.2	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	76.8	8.804107E-02	0.1165033		22.7	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	13.1	1.571653E-02	1.859178E-02		4.6	30	
9CL-PF3ONS	A	9.35	10.5	1.007273	1.065969		12.5	30	
ADONA	A	9.45	9.98	0.5198129	0.5493667		5.7	30	
HFPO-DA (Gen-X)	A	10.0	9.96	2.584439E-02	2.585631E-02		-0.4	30	
N-EtFOSA	A	2.50	37.8	1.255355	17.32894		1410	30	*
N-EtFOSAA	A	2.50	2.72	0.8818708	1.015795		9.0	30	
N-EtFOSE	A	25.0	23.1	1.57359	1.307894		-7.5	30	
N-MeFOSA	A	2.50	2.53	1.02078	0.8563244		1.2	30	
N-MeFOSAA	A	2.50	2.48	0.9801225	0.998705		-0.9	30	
N-MeFOSE	A	25.0	21.2	1.054833	0.8681418		-15.0	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.81	0.9861382	1.03728		8.1	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.77	0.9495304	1.076987		14.8	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.73	2.473154	2.81186		14.6	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.95	2.065523	2.218718		22.7	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.57	1.466714	1.511831		2.7	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.52	1.715718	1.740456		7.2	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.00	1.624325E-02	1.035998E-02		-40.0	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23131.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1334	Injection Date:	01/13/23
Lab Sample ID:	S3A1334-CCV3	Injection Time:	18:33

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.15	0.2821598	0.29072		3.0	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.96	0.4592084	0.458841		-0.9	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.36	1.161103	1.248145		6.4	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.61	1.025548	1.117414		4.5	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.67	0.5834538	0.6394476		10.4	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.31	0.8208561	0.7661163		-7.6	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	2.91	2.818514	3.218472		16.5	30	
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.98	1.057505	1.34916		30.7	30	*
Perfluorohexanoic acid (PFHxA)	A	2.50	2.68	1.101169	1.156731		7.0	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.3	0.9243285	0.979507		3.3	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.32	3.754246	3.435267		-7.3	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.40	2.444588	2.426039		3.4	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.59	1.043942	1.103077		3.8	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.21	0.9840133	1.035928		4.3	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.39	1.045179	1.033408		-4.3	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.60	1.116147	1.171953		3.9	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.95	0.8722246	1.016955		18.0	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SL20001
Lab File ID:	QQQ23143.d	Calibration Date:	11/16/22 08:32
Sequence:	S3A1334	Injection Date:	01/13/23
Lab Sample ID:	S3A1334-CCV4	Injection Time:	21:47

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.7	0.7060242	0.7922457		13.4	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.1	0.2338291	0.2385239		5.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.3	1.017768	1.122536		10.2	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.78	1.101837	1.146047		2.9	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	73.8	0.1007375	0.1295389		17.9	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	77.6	8.804107E-02	0.1176792		23.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	13.7	1.571653E-02	1.942757E-02		9.3	30	
9CL-PF3ONS	A	9.35	10.8	1.007273	1.095327		15.6	30	
ADONA	A	9.45	10.5	0.5198129	0.5765558		10.9	30	
HFPO-DA (Gen-X)	A	10.0	9.52	2.584439E-02	2.471979E-02		-4.8	30	
N-EtFOSA	A	2.50	2.33	1.255355	1.041031		-6.9	30	
N-EtFOSAA	A	2.50	2.47	0.8818708	0.9202452		-1.3	30	
N-EtFOSE	A	25.0	23.5	1.57359	1.331646		-5.8	30	
N-MeFOSA	A	2.50	2.38	1.02078	0.8055631		-4.8	30	
N-MeFOSAA	A	2.50	2.54	0.9801225	1.024527		1.7	30	
N-MeFOSE	A	25.0	21.3	1.054833	0.8717691		-14.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.89	0.9861382	1.054474		9.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.65	0.9495304	1.030957		9.9	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.52	2.473154	2.596872		5.8	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.86	2.065523	2.158216		19.4	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.67	1.466714	1.570668		6.7	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.29	1.715718	1.578536		-2.6	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	2.70	1.624325E-02	9.317202E-03		-46.1	30	*

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30396-BLK1	File ID:	QQQ23117.d
Prepared:	01/10/23 15:06	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/13/23 14:48	Instrument:	LCQQQ		
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001

CAS NO.	COMPOUND	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.00	U
307-24-4	Perfluorohexanoic acid (PFHxA)	2.00	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.00	U
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	2.00	U
335-67-1	Perfluorooctanoic acid (PFOA)	0.430	J
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.00	U
375-95-1	Perfluorononanoic acid (PFNA)	2.00	U
335-76-2	Perfluorodecanoic acid (PFDA)	2.00	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	2.00	U
307-55-1	Perfluorododecanoic acid (PFDoA)	2.00	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	2.00	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	2.00	U
2355-31-9	N-MeFOSAA	2.00	U
2991-50-6	N-EtFOSAA	2.00	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	4.00	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	2.00	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.00	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	2.00	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.00	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	8.00	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	8.00	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.00	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	4.00	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	4.00	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	2.00	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	8.00	U
13252-13-6	HFPO-DA (Gen-X)	8.00	U
763051-92-9	11CL-PF3OUdS	8.00	U
756426-58-1	9CL-PF3ONS	8.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30396-BLK1	File ID:	QQQ23117.d
Prepared:	01/10/23 15:06	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/13/23 14:48	Instrument:	LCQQQ		
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001

CAS NO.	COMPOUND	CONC. (ng/L)	Q
919005-14-4	ADONA	8.00	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	2.00	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	2.00	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	5.00	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	25.0	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	25.0	U
24448-09-7	N-MeFOSE	20.0	U
31506-32-8	N-MeFOSA	2.00	U
1691-99-2	N-EtFOSE	20.0	U
4151-50-2	N-EtFOSA	0.200	

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	46.6	37.3	80.1	25 - 150	
M5PFHxA	50.0	39.4	78.8	25 - 150	
M4PFHpA	50.0	34.5	69.0	25 - 150	
M3PFHxS	47.4	49.2	104	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	50.0	33.4	66.8	25 - 150	
M6PFDA	25.0	21.0	84.2	25 - 150	
M7PFUdA	25.0	19.1	76.6	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	25.0	15.9	63.8	25 - 150	
M2PFTeDA	25.0	14.6	58.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	200	167	83.5	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	47.9	51.2	107	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	100	78.8	78.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	50.0	5.65	11.3	10 - 150	
d3-N-MeFOSAA	100	83.2	83.3	25 - 150	
d5-N-EtFOSAA	100	88.2	88.2	25 - 150	
M2-6:2 FTS	95.1	69.8	73.4	25 - 200	
M2-8:2 FTS	96.0	65.1	67.8	25 - 200	
M9PFNA	25.0	21.2	84.9	25 - 150	
M2-4:2 FTS	93.8	64.2	68.4	25 - 150	

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30396-BLK1	File ID:	QQQ23117.d
Prepared:	01/10/23 15:06	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/13/23 14:48	Instrument:	LCQQQ		
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
d-N-MeFOSA	50.0	11.5	23.1	25 - 150	*
d-N-EtFOSA	50.0	34.3	68.6	25 - 150	
M3HFPO-DA	200	141	70.6	25 - 150	
d9-N-EtFOSE	500	121	24.3	25 - 150	*
d7-N-MeFOSE	500	113	22.7	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	45828.18	1.032683	51071.19	1.087767	
MPFDA	17846.14	8.428984	18952.33	8.456783	
MPFHxA	65323	5.7782	70098.1	5.86145	
MPFHxS	4093.248	6.710484	4097.109	6.795267	
MPFNA	20556.77	7.900583	25589.78	7.9377	
MPFOA	55867.3	7.2967	64226.43	7.36225	
MPFOS	9501.726	7.936567	10751.76	7.982983	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4118.207	7.9002	7223.18	7.946933	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	30319.32	7.296283	52404.47	7.361866	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	92337.88	4.053633	148516.5	4.182317	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	120049.5	1.030383	183915.2	1.09465	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	24750.17	9.252033	40465.17	9.270567	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	4215.578	7.945317	5363.346	7.982433	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	1544.338	9.0539	18868.94	9.063334	*
M7PFUdA-EIS	29503.68	8.872766	45086.69	8.891316	
M6PFDA-EIS	17396.43	8.428567	28903.89	8.456367	
M5PFHxA-EIS	59476.3	5.777184	93945.52	5.860417	
M4PFHpA-EIS	13090.25	6.60095	19739.45	6.6849	
M3PFHxS-EIS	9853.713	6.711017	12423.51	6.795833	
M3PFBS-EIS	12348.63	4.918684	19252.46	5.011217	
M3-HFPO-DA-EIS	36619.07	6.039933	59851.68	6.1323	
M2PFTeDA-EIS	14430.92	9.9067	24749.39	9.9067	
M2-8-2FTS-EIS	23034.4	8.409184	37944.49	8.436983	
M2-6-2FTS-EIS	18007.4	7.2484	25999.23	7.313933	

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23A0356
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BA30396-BLK1	File ID:	QQQ23117.d
Prepared:	01/10/23 15:06	Preparation:	EPA 1633 Prep	Initial/Final:	250.04 mL / 5 mL
Analyzed:	01/13/23 14:48	Instrument:	LCQQQ		
Batch:	BA30396	Sequence:	S3A1334	Calibration:	SL20001

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M2-4-2FTS-EIS	25308.45	5.7114	40207.56	5.79465	
d9-NEtFOSE-EIS	1925.173	10.1308	11262.16	10.12157	*
d7-NMeFOSE-EIS	2287.87	9.88235	15896.05	9.88235	*
d5-NEtFOSA-EIS	739.3623	10.15275	2117.718	10.13432	
d5-N-EtFOSAA-EIS	25087.61	8.843984	37516.8	8.86255	
d3-NMeFOSA-EIS	499.551	9.886033	2509.455	9.8768	*
d3-N-MeFOSAA-EIS	26898.5	8.621	41554.89	8.6488	

CRDL STANDARD

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: Nexion2000C
Calibration: 01/11/23
Sequence: S3A1128

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S3A1128-CRL1	Antimony	1.00	0.967	96.7	ug/L	10 - 190
	Arsenic	1.00	0.984	98.4	ug/L	10 - 190
	Beryllium	1.00	1.03	103	ug/L	10 - 190
	Cadmium	1.00	0.990	99.0	ug/L	10 - 190
	Selenium	1.00	1.74	174 *	ug/L	75 - 125
	Thallium	1.00	0.990	99.0	ug/L	10 - 190

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: Nexion2000C
Calibration: 01/11/23
Sequence: S3A1128

Lab Sample ID	Analyte	True	Found	%R	Units
S3A1128-IFA1	Antimony		0.03		ug/L
	Arsenic		0.04		ug/L
	Beryllium		0.06		ug/L
	Cadmium		0.36		ug/L
	Selenium		-0.33		ug/L
	Thallium		0.02		ug/L
S3A1128-IFB1	Antimony	20.0	20.95	105	ug/L
	Arsenic	20.0	21.63	108	ug/L
	Beryllium	20.0	20.51	103	ug/L
	Cadmium	20.0	21.14	106	ug/L
	Selenium	20.0	14.94	74.7 *	ug/L
	Thallium	20.0	19.20	96.0	ug/L

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

MW-1 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30383	Laboratory ID:	BA30383-MS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

Source Sample Name: MW-1 Dup

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.	
Aluminum	2.22	ND	1.78	80.2	75 - 125	
Barium	2.22	0.193	2.12	86.7	75 - 125	
Calcium	1.11	110	106	-280 *	75 - 125	+
Chromium	0.222	ND	0.188	84.4	75 - 125	
Cobalt	0.556	ND	0.481	86.5	75 - 125	
Copper	0.278	ND	0.239	86.1	75 - 125	
Iron	1.11	8.25	8.77	47.3 *	75 - 125	+
Lead	0.556	ND	0.449	80.7	75 - 125	
Magnesium	1.11	24.9	24.3	-54.9 *	75 - 125	+
Manganese	0.556	3.15	3.40	46.2 *	75 - 125	+
Nickel	0.556	ND	0.477	85.9	75 - 125	
Potassium	1.11	2.26	3.02	68.1 *	75 - 125	
Silver	0.0556	ND	0.0465	83.6	75 - 125	
Sodium	1.11	50.5	49.6	-82.8 *	75 - 125	+
Vanadium	0.556	ND	0.476	85.6	75 - 125	
Zinc	0.556	ND	0.484	87.1	75 - 125	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

+Spike amount added < 4X sample amount detected

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23A0356
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BA30383	Laboratory ID:	BA30383-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	1.48	73.9 *	80 - 120
Barium	2.00	1.80	90.2	80 - 120
Calcium	1.00	0.885	88.5	80 - 120
Chromium	0.200	0.172	86.0	80 - 120
Cobalt	0.500	0.460	92.0	80 - 120
Copper	0.250	0.226	90.3	80 - 120
Iron	1.00	0.873	87.3	80 - 120
Lead	0.500	0.446	89.2	80 - 120
Magnesium	1.00	0.849	84.9	80 - 120
Manganese	0.500	0.445	89.1	80 - 120
Nickel	0.500	0.449	89.7	80 - 120
Potassium	1.00	0.876	87.6	80 - 120
Silver	0.0500	0.0445	89.1	80 - 120
Sodium	1.00	0.830	83.0	80 - 120
Vanadium	0.500	0.431	86.2	80 - 120
Zinc	0.500	0.448	89.6	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

MW-1 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Water
Laboratory ID: S3A1207-SRD4
Sequence: S3A1207
Lab Source ID: 23A0356-08
Preparation: BA30383
Initial/Final: 45 / 50
Source Sample Name: MW-1 Dup
% Solids:

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	ND		ND				EPA 6010D	10
Barium	0.193		0.194		0.879		EPA 6010D	10
Calcium	110		110		0.0744		EPA 6010D	10
Chromium	ND		ND				EPA 6010D	10
Cobalt	ND		ND				EPA 6010D	10
Copper	ND		ND				EPA 6010D	10
Iron	8.25		8.02		2.79		EPA 6010D	10
Lead	ND		ND				EPA 6010D	10
Magnesium	24.9		24.7		0.927		EPA 6010D	10
Manganese	3.15		3.08		2.23		EPA 6010D	10
Nickel	ND		ND				EPA 6010D	10
Potassium	2.26		2.67		18.1	*	EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	50.5		50.7		0.494		EPA 6010D	10
Vanadium	ND		ND				EPA 6010D	10
Zinc	ND		ND				EPA 6010D	10

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 23A0356

Client: DT Consulting Services

Instrument ID: WinLabICP

Project: C314132 Willow Brook Rentals LLC

Sequence: S3A1207

Calibration: 01/11/23 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S3A1207-CCB6	Barium	0.00177	0.0250	ug/mL		EPA 6010D
	Calcium	-0.000313	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000278	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000541	0.00400	ug/mL		EPA 6010D
	Copper	0.00426	0.0200	ug/mL		EPA 6010D
	Iron	0.0384	0.250	ug/mL		EPA 6010D
	Lead	0.0169	0.00500	ug/mL	*	EPA 6010D
	Magnesium	-0.00194	0.0500	ug/mL		EPA 6010D
	Manganese	0.000434	0.00500	ug/mL		EPA 6010D
	Nickel	0.00496	0.0100	ug/mL		EPA 6010D
	Potassium	0.0691	0.0500	ug/mL	*	EPA 6010D
	Silver	0.00149	0.00500	ug/mL		EPA 6010D
	Sodium	-0.0593	0.500	ug/mL		EPA 6010D
	Vanadium	-0.0000993	0.0100	ug/mL		EPA 6010D
	Zinc	0.00269	0.0250	ug/mL		EPA 6010D
BA30383-BLK1	Aluminum	-0.0340	0.0556	mg/L		EPA 6010D
	Barium	0.000188	0.0278	mg/L		EPA 6010D
	Calcium	0.00517	0.0556	mg/L		EPA 6010D
	Chromium	-0.000345	0.00556	mg/L		EPA 6010D
	Cobalt	0.000618	0.00444	mg/L		EPA 6010D
	Copper	-0.00275	0.0222	mg/L		EPA 6010D
	Iron	0.00494	0.278	mg/L		EPA 6010D
	Lead	0.00254	0.00556	mg/L		EPA 6010D
	Magnesium	0.00220	0.0556	mg/L		EPA 6010D
	Manganese	-0.0000213	0.00556	mg/L		EPA 6010D
	Nickel	0.00569	0.0111	mg/L		EPA 6010D
	Potassium	0.0717	0.0556	mg/L	*	EPA 6010D
	Silver	-0.000151	0.00556	mg/L		EPA 6010D
	Sodium	-0.0457	0.556	mg/L		EPA 6010D
	Vanadium	0.0000478	0.0111	mg/L		EPA 6010D
	Zinc	-0.000383	0.0278	mg/L		EPA 6010D
S3A1207-CCB7	Aluminum	-0.0330	0.0500	ug/mL		EPA 6010D
	Barium	0.000380	0.0250	ug/mL		EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/11/23
Control Limt: +/- 10.00%
Sequence: S3A1207

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S3A1207-CCV6	Copper	1.25	1.07	85.6	*	ug/mL	EPA 6010D
	Iron	5.00	4.56	91.2		ug/mL	EPA 6010D
	Lead	0.500	0.491	98.2		ug/mL	EPA 6010D
	Magnesium	25.0	22.0	87.9	*	ug/mL	EPA 6010D
	Manganese	2.50	2.20	87.8	*	ug/mL	EPA 6010D
	Nickel	2.50	2.27	90.7		ug/mL	EPA 6010D
	Potassium	5.00	4.39	87.8	*	ug/mL	EPA 6010D
	Silver	1.25	1.06	84.8	*	ug/mL	EPA 6010D
	Sodium	25.0	22.2	88.7	*	ug/mL	EPA 6010D
	Vanadium	2.50	2.16	86.3	*	ug/mL	EPA 6010D
	Zinc	2.50	2.33	93.2		ug/mL	EPA 6010D
S3A1207-CCV7	Aluminum	10.0	8.35	83.5	*	ug/mL	EPA 6010D
	Barium	10.0	9.10	91.0		ug/mL	EPA 6010D
	Calcium	25.0	21.9	87.5	*	ug/mL	EPA 6010D
	Chromium	1.00	0.868	86.8	*	ug/mL	EPA 6010D
	Cobalt	2.50	2.28	91.2		ug/mL	EPA 6010D
	Copper	1.25	1.10	88.3	*	ug/mL	EPA 6010D
	Iron	5.00	4.54	90.7		ug/mL	EPA 6010D
	Lead	0.500	0.461	92.3		ug/mL	EPA 6010D
	Magnesium	25.0	22.6	90.3		ug/mL	EPA 6010D
	Manganese	2.50	2.25	90.0		ug/mL	EPA 6010D
	Nickel	2.50	2.27	90.9		ug/mL	EPA 6010D
	Potassium	5.00	4.32	86.4	*	ug/mL	EPA 6010D
	Silver	1.25	1.09	87.1	*	ug/mL	EPA 6010D
	Sodium	25.0	21.6	86.3	*	ug/mL	EPA 6010D
	Vanadium	2.50	2.21	88.5	*	ug/mL	EPA 6010D
	Zinc	2.50	2.33	93.2		ug/mL	EPA 6010D
S3A1207-CCV8	Aluminum	10.0	8.19	81.9	*	ug/mL	EPA 6010D
	Barium	10.0	8.92	89.2	*	ug/mL	EPA 6010D
	Calcium	25.0	22.0	87.9	*	ug/mL	EPA 6010D
	Chromium	1.00	0.893	89.3	*	ug/mL	EPA 6010D
	Cobalt	2.50	2.27	90.7		ug/mL	EPA 6010D
	Copper	1.25	1.08	86.4	*	ug/mL	EPA 6010D
	Iron	5.00	4.50	90.1		ug/mL	EPA 6010D
	Lead	0.500	0.451	90.1		ug/mL	EPA 6010D
	Magnesium	25.0	22.1	88.5	*	ug/mL	EPA 6010D
	Manganese	2.50	2.21	88.3	*	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23A0356
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: WinLabICP
Calibration: 01/11/23
Control Limt: +/- 10.00%
Sequence: S3A1207

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S3A1207-CCV8	Nickel	2.50	2.26	90.3	ug/mL	EPA 6010D
	Potassium	5.00	4.31	86.1 *	ug/mL	EPA 6010D
	Silver	1.25	1.06	85.1 *	ug/mL	EPA 6010D
	Sodium	25.0	21.7	86.7 *	ug/mL	EPA 6010D
	Vanadium	2.50	2.17	86.9 *	ug/mL	EPA 6010D
	Zinc	2.50	2.32	92.9	ug/mL	EPA 6010D
S3A1207-CCV9	Aluminum	10.0	8.87	88.7 *	ug/mL	EPA 6010D
	Barium	10.0	9.60	96.0	ug/mL	EPA 6010D
	Calcium	25.0	21.6	86.2 *	ug/mL	EPA 6010D
	Chromium	1.00	0.916	91.6	ug/mL	EPA 6010D
	Cobalt	2.50	2.35	94.1	ug/mL	EPA 6010D
	Copper	1.25	1.18	94.2	ug/mL	EPA 6010D
	Iron	5.00	4.67	93.5	ug/mL	EPA 6010D
	Lead	0.500	0.477	95.4	ug/mL	EPA 6010D
	Magnesium	25.0	23.9	95.7	ug/mL	EPA 6010D
	Manganese	2.50	2.38	95.3	ug/mL	EPA 6010D
	Nickel	2.50	2.34	93.4	ug/mL	EPA 6010D
	Potassium	5.00	4.25	85.0 *	ug/mL	EPA 6010D
	Silver	1.25	1.15	92.0	ug/mL	EPA 6010D
	Sodium	25.0	21.4	85.6 *	ug/mL	EPA 6010D
	Vanadium	2.50	2.35	94.0	ug/mL	EPA 6010D
	Zinc	2.50	2.40	95.9	ug/mL	EPA 6010D
S3A1207-CCVA	Aluminum	10.0	8.20	82.0 *	ug/mL	EPA 6010D
	Barium	10.0	8.93	89.3 *	ug/mL	EPA 6010D
	Calcium	25.0	22.1	88.4 *	ug/mL	EPA 6010D
	Chromium	1.00	0.856	85.6 *	ug/mL	EPA 6010D
	Cobalt	2.50	2.26	90.4	ug/mL	EPA 6010D
	Copper	1.25	1.09	86.9 *	ug/mL	EPA 6010D
	Iron	5.00	4.50	90.0	ug/mL	EPA 6010D
	Lead	0.500	0.454	90.8	ug/mL	EPA 6010D
	Magnesium	25.0	22.2	89.0 *	ug/mL	EPA 6010D
	Manganese	2.50	2.21	88.5 *	ug/mL	EPA 6010D
	Nickel	2.50	2.25	90.2	ug/mL	EPA 6010D
	Potassium	5.00	4.42	88.3 *	ug/mL	EPA 6010D
	Silver	1.25	1.07	85.9 *	ug/mL	EPA 6010D
	Sodium	25.0	21.9	87.8 *	ug/mL	EPA 6010D
	Vanadium	2.50	2.19	87.4 *	ug/mL	EPA 6010D

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals LLC
10-14 Tucker Dr.
Poughkeepsie, NY
Project # C314132

SDG: 23B0582
3 Air Samples

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 23B0582 – Willow Brook Rentals LLC

The data associated with this Sample Delivery Group (SDG) 23B0582, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/11/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals LLC 10-14 Tucker Dr., Poughkeepsie, NY Project #: C314132
SAMPLING DATE:	February 09, 2023
SAMPLE TYPE:	3 air samples
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	23B0582

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 3 air samples collected on February 09, 2023. These samples were analyzed for TO-15 Volatile Organic Compounds (VOCs) and Methane.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 23B0582. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 and 6-2. These tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 23B0582, three samples were analyzed and results were reported for 204 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 TO-15

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
EX-1 SSD-4 SSD-7 SSD-7 RE	Bromomethane Hexachlorobutadiene	UJ non-detects J detects	% D for CCV and ICV > QC limit and LCS rec < QC limit	Data are qualified as estimated
EX-1 SSD-4 SSD-7 RE	2-Hexanone	UJ non-detects J detects	% D for CCV > QC limit	Data are qualified as estimated

Table 6-2 Methane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 03/07/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23B0582

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

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

Report Date: 03/07/2023
Client Project ID: C314132 WIllow Brook Rentals LLC
York Project (SDG) No.: 23B0582

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 13, 2023 and listed below. The project was identified as your project: **C314132 WIllow Brook Rentals LLC**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23B0582-01	EX-1	Vapor Extraction	02/09/2023	02/13/2023
23B0582-02	SSD-4	Vapor Extraction	02/09/2023	02/13/2023
23B0582-03	SSD-7	Vapor Extraction	02/09/2023	02/13/2023

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

Field Chain-of-Custody Record - AIR

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

YORK Project No. 23B0582

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: VT Consulting Services Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone:	Phone:	Phone:	YOUR Project Name: C314132 Willow Brook Rentals LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

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

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

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

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
EX-1	2/9/23	AE	-27	-6	36889	N/A	TO-15 + Methane
SD-4	"	"	-30	-6	18303	"	"
SD-7	"	"	-30	-6	22081	"	"

Comments:

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

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	2/10/23	Client@York	2-10-23 10:50	Client@York	2-10-23 1444
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TC-Yale / YORK	2/10/23 1444	Victor D. York	2/10/23 20:50	Victor D. York	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Haraldale 0931 02/13/23	02/13/23 0931

York Analytical Laboratories, Inc. - Stratford
SDG: 23B0582
CLASS: AIR
METHOD: EPA TO-15

DATA PACKAGE COVER PAGE

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23B0582
Client: DT Consulting Services
Project: C314132 WIllow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
EX-1	23B0582-01
SSD-4	23B0582-02
SSD-7	23B0582-03
SSD-7	23B0582-03RE1

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/6/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

EX-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23B0582

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23B0582-01 File ID: TO297567.D

Sampled: 02/09/23 15:00 Prepared: 02/15/23 08:00 Analyzed: 02/16/23 07:45

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BB30909 Sequence: S3B1613 Calibration: SB30018 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	3.16	2.2	U	
71-55-6	1,1,1-Trichloroethane	3.16	1.7	U	
79-34-5	1,1,2,2-Tetrachloroethane	3.16	2.2	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.16	2.4	U	
79-00-5	1,1,2-Trichloroethane	3.16	1.7	U	
75-34-3	1,1-Dichloroethane	3.16	1.3	U	
75-35-4	1,1-Dichloroethylene	3.16	0.31	U	
120-82-1	1,2,4-Trichlorobenzene	3.16	2.3	U	
95-63-6	1,2,4-Trimethylbenzene	3.16	1.6	U	
106-93-4	1,2-Dibromoethane	3.16	2.4	U	
95-50-1	1,2-Dichlorobenzene	3.16	1.9	U	
107-06-2	1,2-Dichloroethane	3.16	1.3	U	
78-87-5	1,2-Dichloropropane	3.16	1.5	U	
76-14-2	1,2-Dichlorotetrafluoroethane	3.16	110	D	
108-67-8	1,3,5-Trimethylbenzene	3.16	1.6	U	
106-99-0	1,3-Butadiene	3.16	2.1	U	
541-73-1	1,3-Dichlorobenzene	3.16	1.9	U	
142-28-9	1,3-Dichloropropane	3.16	1.5	U	
106-46-7	1,4-Dichlorobenzene	3.16	1.9	U	
123-91-1	1,4-Dioxane	3.16	2.3	U	
78-93-3	2-Butanone	3.16	16	D	
591-78-6	2-Hexanone	3.16	2.6	U	UJ
107-05-1	3-Chloropropene	3.16	4.9	U	
108-10-1	4-Methyl-2-pentanone	3.16	1.3	U	
67-64-1	Acetone	3.16	41	D	
107-13-1	Acrylonitrile	3.16	0.69	U	
71-43-2	Benzene	3.16	14	D	
100-44-7	Benzyl chloride	3.16	1.6	U	
75-27-4	Bromodichloromethane	3.16	2.1	U	
75-25-2	Bromoform	3.16	3.3	U	
74-83-9	Bromomethane	3.16	1.2	U	UJ
75-15-0	Carbon disulfide	3.16	6.7	D	
56-23-5	Carbon tetrachloride	3.16	0.50	U	
108-90-7	Chlorobenzene	3.16	190	D	
75-00-3	Chloroethane	3.16	0.83	U	
67-66-3	Chloroform	3.16	1.9	D	
74-87-3	Chloromethane	3.16	0.65	U	
156-59-2	cis-1,2-Dichloroethylene	3.16	42	D	
10061-01-5	cis-1,3-Dichloropropylene	3.16	1.4	U	
110-82-7	Cyclohexane	3.16	51	D	

MKP 3/11/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

EX-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23B0582

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23B0582-01 File ID: TO297567.D

Sampled: 02/09/23 15:00 Prepared: 02/15/23 08:00 Analyzed: 02/16/23 07:45

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BB30909 Sequence: S3B1613 Calibration: SB30018 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	3.16	2.7	U	
75-71-8	Dichlorodifluoromethane	3.16	22	D	
141-78-6	Ethyl acetate	3.16	2.3	U	
100-41-4	Ethyl Benzene	3.16	2.1	D	
87-68-3	Hexachlorobutadiene	3.16	3.4	U	UJ
67-63-0	Isopropanol	3.16	14	D	
80-62-6	Methyl Methacrylate	3.16	1.3	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	3.16	1.1	U	
75-09-2	Methylene chloride	3.16	2.2	U	
142-82-5	n-Heptane	3.16	12	D	
110-54-3	n-Hexane	3.16	16	D	
95-47-6	o-Xylene	3.16	2.6	D	
179601-23-1	p- & m- Xylenes	3.16	4.8	D	
622-96-8	p-Ethyltoluene	3.16	1.6	U	
115-07-1	Propylene	3.16	0.54	U	
100-42-5	Styrene	3.16	1.3	U	
127-18-4	Tetrachloroethylene	3.16	29	D	
109-99-9	Tetrahydrofuran	3.16	17	D	
108-88-3	Toluene	3.16	5.0	D	
156-60-5	trans-1,2-Dichloroethylene	3.16	1.4	D	
10061-02-6	trans-1,3-Dichloropropylene	3.16	1.4	U	
79-01-6	Trichloroethylene	3.16	12	D	
75-69-4	Trichlorofluoromethane (Freon 11)	3.16	15	D	
108-05-4	Vinyl acetate	3.16	1.1	U	
593-60-2	Vinyl bromide	3.16	1.4	U	
75-01-4	Vinyl Chloride	3.16	1.5	D	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	250423	12.245	371647	12.22	
ISTD: 1,4-Difluorobenzene	840450	13.783	1238090	13.771	
ISTD: d5-Chlorobenzene	901791	19.013	1128671	19.006	

* Values outside of QC limits

MKP 3/11/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23B0582

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23B0582-02 File ID: TO297568.D

Sampled: 02/09/23 15:00 Prepared: 02/15/23 08:00 Analyzed: 02/16/23 08:32

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BB30909 Sequence: S3B1613 Calibration: SB30018 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	7.87	5.4	U	
71-55-6	1,1,1-Trichloroethane	7.87	4.3	U	
79-34-5	1,1,2,2-Tetrachloroethane	7.87	5.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.87	6.0	U	
79-00-5	1,1,2-Trichloroethane	7.87	4.3	U	
75-34-3	1,1-Dichloroethane	7.87	3.2	U	
75-35-4	1,1-Dichloroethylene	7.87	0.78	U	
120-82-1	1,2,4-Trichlorobenzene	7.87	5.8	U	
95-63-6	1,2,4-Trimethylbenzene	7.87	3.9	U	
106-93-4	1,2-Dibromoethane	7.87	6.0	U	
95-50-1	1,2-Dichlorobenzene	7.87	4.7	U	
107-06-2	1,2-Dichloroethane	7.87	3.2	U	
78-87-5	1,2-Dichloropropane	7.87	3.6	U	
76-14-2	1,2-Dichlorotetrafluoroethane	7.87	21	D	
108-67-8	1,3,5-Trimethylbenzene	7.87	3.9	U	
106-99-0	1,3-Butadiene	7.87	5.2	U	
541-73-1	1,3-Dichlorobenzene	7.87	4.7	U	
142-28-9	1,3-Dichloropropane	7.87	3.6	U	
106-46-7	1,4-Dichlorobenzene	7.87	4.7	U	
123-91-1	1,4-Dioxane	7.87	5.7	U	
78-93-3	2-Butanone	7.87	31	D	
591-78-6	2-Hexanone	7.87	6.4	U	UJ
107-05-1	3-Chloropropene	7.87	12	U	
108-10-1	4-Methyl-2-pentanone	7.87	3.2	U	
67-64-1	Acetone	7.87	80	D	
107-13-1	Acrylonitrile	7.87	1.7	U	
71-43-2	Benzene	7.87	2.5	U	
100-44-7	Benzyl chloride	7.87	4.1	U	
75-27-4	Bromodichloromethane	7.87	5.3	U	
75-25-2	Bromoform	7.87	8.1	U	
74-83-9	Bromomethane	7.87	3.1	U	UJ
75-15-0	Carbon disulfide	7.87	2.5	U	
56-23-5	Carbon tetrachloride	7.87	1.2	U	
108-90-7	Chlorobenzene	7.87	3.6	D	
75-00-3	Chloroethane	7.87	2.1	U	
67-66-3	Chloroform	7.87	3.8	U	
74-87-3	Chloromethane	7.87	1.6	U	
156-59-2	cis-1,2-Dichloroethylene	7.87	0.78	U	
10061-01-5	cis-1,3-Dichloropropylene	7.87	3.6	U	
110-82-7	Cyclohexane	7.87	3.0	D	

MKP 3/11/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23B0582

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23B0582-02 File ID: TO297568.D

Sampled: 02/09/23 15:00 Prepared: 02/15/23 08:00 Analyzed: 02/16/23 08:32

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BB30909 Sequence: S3B1613 Calibration: SB30018 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
124-48-1	Dibromochloromethane	7.87	6.7	U	
75-71-8	Dichlorodifluoromethane	7.87	5.8	D	
141-78-6	Ethyl acetate	7.87	5.7	U	
100-41-4	Ethyl Benzene	7.87	3.4	U	
87-68-3	Hexachlorobutadiene	7.87	8.4	U	UJ
67-63-0	Isopropanol	7.87	3.9	U	
80-62-6	Methyl Methacrylate	7.87	3.2	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	7.87	2.8	U	
75-09-2	Methylene chloride	7.87	5.5	U	
142-82-5	n-Heptane	7.87	3.2	U	
110-54-3	n-Hexane	7.87	2.8	U	
95-47-6	o-Xylene	7.87	3.4	U	
179601-23-1	p- & m- Xylenes	7.87	6.8	U	
622-96-8	p-Ethyltoluene	7.87	3.9	U	
115-07-1	Propylene	7.87	1.4	U	
100-42-5	Styrene	7.87	3.4	U	
127-18-4	Tetrachloroethylene	7.87	5.3	U	
109-99-9	Tetrahydrofuran	7.87	150	D	
108-88-3	Toluene	7.87	1000	D	
156-60-5	trans-1,2-Dichloroethylene	7.87	3.1	U	
10061-02-6	trans-1,3-Dichloropropylene	7.87	3.6	U	
79-01-6	Trichloroethylene	7.87	1.1	U	
75-69-4	Trichlorofluoromethane (Freon 11)	7.87	4.4	U	
108-05-4	Vinyl acetate	7.87	2.8	U	
593-60-2	Vinyl bromide	7.87	3.4	U	
75-01-4	Vinyl Chloride	7.87	1.0	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	388217	12.239	371647	12.22	
ISTD: 1,4-Difluorobenzene	1289090	13.783	1238090	13.771	
ISTD: d5-Chlorobenzene	991975	19.013	1128671	19.006	

* Values outside of QC limits

MKP 3/11/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23B0582

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23B0582-03 File ID: TO297576.D

Sampled: 02/09/23 15:00 Prepared: 02/15/23 08:00 Analyzed: 02/16/23 16:40

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BB30964 Sequence: S3B1716 Calibration: SB30018 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	16.2	11	U	
71-55-6	1,1,1-Trichloroethane	16.2	8.9	U	
79-34-5	1,1,2,2-Tetrachloroethane	16.2	11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16.2	12	U	
79-00-5	1,1,2-Trichloroethane	16.2	8.9	U	
75-34-3	1,1-Dichloroethane	16.2	6.6	U	
75-35-4	1,1-Dichloroethylene	16.2	1.6	U	
120-82-1	1,2,4-Trichlorobenzene	16.2	12	U	
95-63-6	1,2,4-Trimethylbenzene	16.2	8.0	U	
106-93-4	1,2-Dibromoethane	16.2	12	U	
95-50-1	1,2-Dichlorobenzene	16.2	9.8	U	
107-06-2	1,2-Dichloroethane	16.2	6.6	U	
78-87-5	1,2-Dichloropropane	16.2	7.5	U	
76-14-2	1,2-Dichlorotetrafluoroethane	16.2	36	D	
108-67-8	1,3,5-Trimethylbenzene	16.2	8.0	U	
106-99-0	1,3-Butadiene	16.2	11	U	
541-73-1	1,3-Dichlorobenzene	16.2	9.8	U	
142-28-9	1,3-Dichloropropane	16.2	7.5	U	
106-46-7	1,4-Dichlorobenzene	16.2	9.8	U	
123-91-1	1,4-Dioxane	16.2	12	U	
78-93-3	2-Butanone	16.2	980	D	
591-78-6	2-Hexanone	16.2	13	U	
107-05-1	3-Chloropropene	16.2	25	U	
108-10-1	4-Methyl-2-pentanone	16.2	6.6	U	
107-13-1	Acrylonitrile	16.2	3.5	U	
71-43-2	Benzene	16.2	5.2	U	
100-44-7	Benzyl chloride	16.2	8.4	U	
75-27-4	Bromodichloromethane	16.2	11	U	
75-25-2	Bromoform	16.2	17	U	
74-83-9	Bromomethane	16.2	6.3	U	UJ
75-15-0	Carbon disulfide	16.2	5.1	U	
56-23-5	Carbon tetrachloride	16.2	2.6	U	
108-90-7	Chlorobenzene	16.2	7.5	U	
75-00-3	Chloroethane	16.2	4.3	U	
67-66-3	Chloroform	16.2	7.9	U	
74-87-3	Chloromethane	16.2	3.4	U	
156-59-2	cis-1,2-Dichloroethylene	16.2	1.6	U	
10061-01-5	cis-1,3-Dichloropropylene	16.2	7.4	U	
110-82-7	Cyclohexane	16.2	5.6	U	
124-48-1	Dibromochloromethane	16.2	14	U	

MKP 3/11/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-7

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 23B0582

Client: DT Consulting Services Project: C314132 WIllow Brook Rentals LLC

Matrix: Vapor Extraction Laboratory ID: 23B0582-03 File ID: TO297576.D

Sampled: 02/09/23 15:00 Prepared: 02/15/23 08:00 Analyzed: 02/16/23 16:40

Solids: Preparation: EPA TO15 PREP Initial/Final: 400 mL / 400 mL

Batch: BB30964 Sequence: S3B1716 Calibration: SB30018 Instrument: 5975C

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
75-71-8	Dichlorodifluoromethane	16.2	67	D	
141-78-6	Ethyl acetate	16.2	12	U	
100-41-4	Ethyl Benzene	16.2	7.0	U	
87-68-3	Hexachlorobutadiene	16.2	17	U	UJ
67-63-0	Isopropanol	16.2	12	D	
80-62-6	Methyl Methacrylate	16.2	6.6	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	16.2	5.9	U	
75-09-2	Methylene chloride	16.2	11	U	
142-82-5	n-Heptane	16.2	6.7	U	
110-54-3	n-Hexane	16.2	5.7	U	
95-47-6	o-Xylene	16.2	7.0	U	
179601-23-1	p- & m- Xylenes	16.2	14	U	
622-96-8	p-Ethyltoluene	16.2	8.0	U	
115-07-1	Propylene	16.2	2.8	U	
100-42-5	Styrene	16.2	6.9	U	
127-18-4	Tetrachloroethylene	16.2	11	U	
108-88-3	Toluene	16.2	20	D	
156-60-5	trans-1,2-Dichloroethylene	16.2	6.4	U	
10061-02-6	trans-1,3-Dichloropropylene	16.2	7.4	U	
79-01-6	Trichloroethylene	16.2	2.2	U	
75-69-4	Trichlorofluoromethane (Freon 11)	16.2	9.1	U	
108-05-4	Vinyl acetate	16.2	5.7	U	
593-60-2	Vinyl bromide	16.2	7.1	U	
75-01-4	Vinyl Chloride	16.2	2.1	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	330883	12.245	249985	12.226	
ISTD: 1,4-Difluorobenzene	1039964	13.79	807996	13.777	
ISTD: d5-Chlorobenzene	750815	19.013	816990	19.006	

* Values outside of QC limits

MKP 3/11/2023

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA TO-15

SSD-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23B0582
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23B0582-03RE1	File ID:	TO297569.D
Sampled:	02/09/23 15:00	Prepared:	02/15/23 08:00	Analyzed:	02/16/23 09:22
Solids:		Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Batch:	BB30909	Sequence:	S3B1613	Calibration:	SB30018
Instrument:	5975C				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/m³)	Q	
67-64-1	Acetone	64.9	2000	D	
75-27-4	Bromodichloromethane	64.9	43	U	
74-83-9	Bromomethane	64.9	25	U	UJ
109-99-9	Tetrahydrofuran	64.9	4800	D	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	368656	12.233	371647	12.22	
ISTD: 1,4-Difluorobenzene	1219116	13.777	1238090	13.771	
ISTD: d5-Chlorobenzene	878571	19.013	1128671	19.006	

* Values outside of QC limits

MKP 3/11/2023

York Analytical Laboratories, Inc. - Stratford

SDG: 23B0582

CLASS: GC

METHOD: GC/FID

No data validation qualifiers were added

MKP 3/11/2023

DATA PACKAGE COVER PAGE

GC/FID

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23B0582
Client: DT Consulting Services
Project: C314132 WIllow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
EX-1	23B0582-01
SSD-4	23B0582-02
SSD-7	23B0582-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 3/6/2023
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

EX-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23B0582
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23B0582-01	File ID:	GC620320.D
Sampled:	02/09/23 15:00	Prepared:	02/18/23 10:22	Analyzed:	02/18/23 12:09
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BB31114	Sequence:	S3B1802	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	3.16	10100	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SSD-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23B0582
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23B0582-02	File ID:	GC620321.D
Sampled:	02/09/23 15:00	Prepared:	02/18/23 10:22	Analyzed:	02/18/23 12:21
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BB31114	Sequence:	S3B1802	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.57	461	D

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

GC/FID

SSD-7

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23B0582
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Vapor Extraction	Laboratory ID:	23B0582-03	File ID:	GC620323.D
Sampled:	02/09/23 15:00	Prepared:	02/18/23 10:22	Analyzed:	02/18/23 12:47
Solids:		Preparation:	PREP for GASES by GC	Initial/Final:	40 mL / 40 mL
Batch:	BB31114	Sequence:	S3B1802	Calibration:	SA30010
Instrument:	GC ECDFID				

CAS NO.	COMPOUND	DILUTION	CONC. (ppmv)	Q
74-82-8	Methane	1.62	3230	D

* Values outside of QC limits

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23B0582
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air		
Batch:	BB30909	Laboratory ID:	BB30909-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	6.45	64.5 *	70 - 130
Carbon disulfide	10.0	10.8	108	70 - 130
Carbon tetrachloride	10.0	9.81	98.1	70 - 130
Chlorobenzene	10.0	10.5	105	70 - 130
Chloroethane	10.0	10.3	103	70 - 130
Chloroform	10.0	10.8	108	70 - 130
Chloromethane	10.0	8.23	82.3	70 - 130
cis-1,2-Dichloroethylene	10.0	11.6	116	70 - 130
cis-1,3-Dichloropropylene	10.0	9.61	96.1	70 - 130
Cyclohexane	10.0	9.81	98.1	70 - 130
Dibromochloromethane	10.0	8.69	86.9	70 - 130
Dichlorodifluoromethane	10.0	10.5	105	70 - 130
Ethyl acetate	10.0	11.6	116	70 - 130
Ethyl Benzene	10.0	11.4	114	70 - 130
Hexachlorobutadiene	10.0	5.35	53.5 *	70 - 130
Isopropanol	10.0	10.6	106	70 - 130
Methyl Methacrylate	10.0	8.18	81.8	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.6	116	70 - 130
Methylene chloride	10.0	9.93	99.3	70 - 130
n-Heptane	10.0	7.96	79.6	70 - 130
n-Hexane	10.0	9.63	96.3	70 - 130
o-Xylene	10.0	8.32	83.2	70 - 130
p- & m- Xylenes	20.0	15.9	79.4	70 - 130
p-Ethyltoluene	10.0	8.32	83.2	70 - 130
Propylene	10.0	11.1	111	70 - 130
Styrene	10.0	7.97	79.7	70 - 130
Tetrachloroethylene	10.0	9.01	90.1	70 - 130
Tetrahydrofuran	10.0	11.8	118	70 - 130
Toluene	10.0	8.80	88.0	70 - 130
trans-1,2-Dichloroethylene	10.0	11.1	111	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23B0582
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air		
Batch:	BB30964	Laboratory ID:	BB30964-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	6.54	65.4 *	70 - 130
Carbon disulfide	10.0	10.8	108	70 - 130
Carbon tetrachloride	10.0	10.2	102	70 - 130
Chlorobenzene	10.0	10.7	107	70 - 130
Chloroethane	10.0	10.5	105	70 - 130
Chloroform	10.0	11.1	111	70 - 130
Chloromethane	10.0	9.16	91.6	70 - 130
cis-1,2-Dichloroethylene	10.0	11.6	116	70 - 130
cis-1,3-Dichloropropylene	10.0	9.23	92.3	70 - 130
Cyclohexane	10.0	9.85	98.5	70 - 130
Dibromochloromethane	10.0	8.75	87.5	70 - 130
Dichlorodifluoromethane	10.0	11.0	110	70 - 130
Ethyl acetate	10.0	11.6	116	70 - 130
Ethyl Benzene	10.0	11.6	116	70 - 130
Hexachlorobutadiene	10.0	5.66	56.6 *	70 - 130
Isopropanol	10.0	10.6	106	70 - 130
Methyl Methacrylate	10.0	7.92	79.2	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.0	120	70 - 130
Methylene chloride	10.0	9.88	98.8	70 - 130
n-Heptane	10.0	8.07	80.7	70 - 130
n-Hexane	10.0	9.80	98.0	70 - 130
o-Xylene	10.0	8.37	83.7	70 - 130
p- & m- Xylenes	20.0	16.0	80.2	70 - 130
p-Ethyltoluene	10.0	8.54	85.4	70 - 130
Propylene	10.0	11.4	114	70 - 130
Styrene	10.0	8.01	80.1	70 - 130
Tetrachloroethylene	10.0	9.15	91.5	70 - 130
Tetrahydrofuran	10.0	11.8	118	70 - 130
Toluene	10.0	8.68	86.8	70 - 130
trans-1,2-Dichloroethylene	10.0	11.2	112	70 - 130

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	23B0582
Client:	DT Consulting Services			Project:	C314132 WIllow Brook Rentals LLC
Matrix:	Air	Laboratory ID:	BB30964-BLK1	File ID:	TO297574.D
Prepared:	02/16/23 08:47	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	02/16/23 13:52	Instrument:	5975C		
Batch:	BB30964	Sequence:	S3B1716	Calibration:	SB30018

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	
67-63-0	Isopropanol	0.49	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	0.69	U
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford

Client: DT Consulting Services

Calibration: SB30018

SDG: 23B0582

Project: C314132 WIllow Brook Rentals LLC

Instrument: 5975C

Calibration Date: 02/09/23 15:26

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Carbon disulfide	2.199716	23.56304	9.64375	2.541917E-02			30	
Carbon tetrachloride	1.929495	34.86459	13.188	1.413336E-02		0.9997715	0.99	
Chlorobenzene	0.955844	22.85887	19.0795	1.064394E-02			30	
Chloroethane	0.4059188	14.44435	7.122875	7.975285E-02			30	
Chloroform	1.85026	23.6293	11.997	2.229023E-02			30	
Chloromethane	0.8582864	14.43323	5.82725	7.599228E-02			30	
cis-1,2-Dichloroethylene	1.005026	25.6162	11.727	4.098107E-02			30	
cis-1,3-Dichloropropylene	0.3911601	42.10937	15.87475	8.551144E-03		0.9993211	0.99	
Cyclohexane	1.117996	35.76124	12.89625	1.887354E-02		0.9995798	0.99	
Dibromochloromethane	0.7225939	48.80897	17.90938	1.869637E-02		0.9992972	0.99	
Dichlorodifluoromethane	2.498374	20.1003	5.346375	4.070055E-02			30	
Ethanol	0.5401632	70.5422	7.2595	0.1154342		0.9989992	0.99	
Ethyl acetate	1.836021	25.62991	11.64425	7.243901E-02			30	
Ethyl Benzene	1.385254	26.4869	19.18	1.330794E-02			30	
Hexachlorobutadiene	0.8807332	54.22884	27.393	1.988581E-02		0.9864156	0.99	*
Isopropanol	1.895388	31.21437	8.18375	0.1830071		0.9998121	0.99	
Isopropylbenzene	1.518796	39.57423	20.75825	1.282842E-02		0.9991552	0.99	
Methyl Methacrylate	0.2716714	51.9275	14.6435	3.163053E-02		0.9970402	0.99	
Methyl tert-butyl ether (MTBE)	1.929202	29.02179	9.908	0.1334182			30	
Methylene chloride	1.245314	32.89409	9.504	2.627446E-02		0.9997639	0.99	
Naphthalene	0.9520446	87.23956	27.52143	0.0412689		0.9919905	0.99	
n-Butylbenzene	1.366133	52.29818	24.12175	1.552221E-02		0.9955364	0.99	
n-Heptane	1.528945	41.81157	13.3975	1.635777E-02		0.996748	0.99	
n-Hexane	1.114725	32.98459	10.378	9.747037E-03		0.9996587	0.99	
n-Propylbenzene	1.796593	34.30909	21.52725	1.740294E-02		0.9985213	0.99	
o-Xylene	1.097207	39.93537	20.10913	1.189213E-02		0.9982891	0.99	
p- & m- Xylenes	1.132692	34.85683	19.3275	1.472818E-02		0.9972675	0.99	
p-Ethyltoluene	1.454004	43.85898	21.75112	1.674701E-02		0.9985519	0.99	
p-Isopropyltoluene	1.598368	50.98184	23.33075	1.585434E-02		0.9975952	0.99	
Propylene	0.4411641	19.61581	5.27675	6.168698E-02			30	
sec-Butylbenzene	1.94325	42.65853	23.066	2.044526E-02		0.9984025	0.99	
Styrene	0.8405435	54.70295	20.1245	8.966005E-03		0.9974073	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 23B0582
Client: DT Consulting Services
Project: C314132 WIllow Brook Rentals LLC
Calibration: SB30018
Laboratory ID: S3B1020-SCV1
Sequence: S3B1020
Standard ID: S23B027

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Benzyl chloride	10.0	8.14	-18.6	30.00
Bromodichloromethane	10.0	8.52	-14.8	30.00
Bromoform	10.0	8.36	-16.4	30.00
Bromomethane	10.0	8.25	-17.5	30.00
Carbon disulfide	10.0	10.4	3.5	30.00
Carbon tetrachloride	10.0	9.57	-4.3	30.00
Chlorobenzene	10.0	10.5	5.2	30.00
Chloroethane	10.0	10.8	8.4	30.00
Chloroform	10.0	10.4	4.2	30.00
Chloromethane	10.0	8.00	-20.0	30.00
cis-1,2-Dichloroethylene	10.0	11.4	13.5	30.00
cis-1,3-Dichloropropylene	10.0	9.18	-8.2	30.00
Cyclohexane	10.0	9.50	-5.0	30.00
Dibromochloromethane	10.0	8.29	-17.1	30.00
Dichlorodifluoromethane	10.0	10.5	5.0	30.00
Ethyl acetate	10.0	11.1	11.4	30.00
Ethyl Benzene	10.0	11.3	13.1	30.00
Hexachlorobutadiene	10.0	5.25	-47.5 *	30.00
Isopropanol	10.0	10.4	4.0	30.00
Methyl Methacrylate	10.0	7.68	-23.2	30.00
Methyl tert-butyl ether (MTBE)	10.0	11.3	13.4	30.00
Methylene chloride	10.0	9.51	-4.9	30.00
n-Heptane	10.0	7.73	-22.7	30.00
n-Hexane	10.0	9.41	-5.9	30.00
o-Xylene	10.0	8.24	-17.6	30.00
p- & m- Xylenes	20.0	15.7	-21.4	30.00
p-Ethyltoluene	10.0	8.29	-17.1	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23B0582
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SB30018
Lab File ID:	TO297547.D	Calibration Date:	02/09/23 15:26
Sequence:	S3B1613	Injection Date:	02/15/23
Lab Sample ID:	S3B1613-CCV1	Injection Time:	11:53

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	8.98	0.5679118	0.5826064		-10.2	30	
1,1,1-Trichloroethane	A	10.0	10.5	1.88483	1.971406		4.6	30	
1,1,2,2-Tetrachloroethane	A	10.0	10.7	0.8254239	0.8839653		7.1	30	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	10.0	1.931202	1.940492		0.5	30	
1,1,2-Trichloroethane	A	10.0	7.69	0.4023671	0.4029101		-23.1	30	
1,1-Dichloroethane	A	10.0	9.96	1.463808	1.457647		-0.4	30	
1,1-Dichloroethylene	A	10.0	10.8	1.182463	1.276332		7.9	30	
1,2,4-Trichlorobenzene	A	10.0	8.26	0.450397	0.4205592		-17.4	30	
1,2,4-Trimethylbenzene	A	10.0	8.03	1.222911	1.367045		-19.7	30	
1,2-Dibromoethane	A	10.0	8.19	0.5647201	0.574791		-18.1	30	
1,2-Dichlorobenzene	A	10.0	7.78	0.8808777	0.9301621		-22.2	30	
1,2-Dichloroethane	A	10.0	10.4	1.091627	1.129596		3.5	30	
1,2-Dichloropropane	A	10.0	7.49	0.3045277	0.3167403		-25.1	30	
1,2-Dichlorotetrafluoroethane	A	10.0	8.67	4.215403	3.656071		-13.3	30	
1,3,5-Trimethylbenzene	A	10.0	8.33	1.211731	1.35331		-16.7	30	
1,3-Butadiene	A	10.0	8.49	0.6943268	0.5892688		-15.1	30	
1,3-Dichlorobenzene	A	10.0	8.12	0.8736577	0.9661416		-18.8	30	
1,3-Dichloropropane	A	10.0	8.13	0.4466001	0.4586129		-18.7	30	
1,4-Dichlorobenzene	A	10.0	7.98	0.8472971	0.940818		-20.2	30	
1,4-Dioxane	A	10.0	8.91	0.1550428	0.1711814		-10.9	30	
2-Butanone	A	10.0	10.5	1.605231	1.689751		5.3	30	
2-Hexanone	Q	10.0	6.95	0.5592923	0.6192619		-30.5	30	*
3-Chloropropene	A	10.0	11.2	0.8602626	0.9603064		11.6	30	
4-Methyl-2-pentanone	A	10.0	7.39	0.6123209	0.6158357		-26.1	30	
Acetone	A	10.0	8.41	1.459811	1.227783		-15.9	30	
Acrylonitrile	A	10.0	11.2	0.5273167	0.5895783		11.8	30	
Benzene	A	10.0	7.90	2.801228	2.854478		-21.0	30	
Benzyl chloride	A	10.0	7.83	0.2079255	0.2340771		-21.7	30	
Bromodichloromethane	A	10.0	8.23	0.6193978	0.6408185		-17.7	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23B0582
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SB30018
Lab File ID:	TO297547.D	Calibration Date:	02/09/23 15:26
Sequence:	S3B1613	Injection Date:	02/15/23
Lab Sample ID:	S3B1613-CCV1	Injection Time:	11:53

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	10.0	8.60	0.7296276	0.794779		-14.0	30
Bromomethane	A	10.0	6.15	1.670006	0.8663517		-38.5	30 *
Carbon disulfide	A	10.0	10.2	2.199716	2.252753		2.4	30
Carbon tetrachloride	A	10.0	9.50	1.929495	2.060905		-5.0	30
Chlorobenzene	A	10.0	10.1	0.955844	0.9616983		0.6	30
Chloroethane	A	10.0	9.82	0.4059188	0.3987816		-1.8	30
Chloroform	A	10.0	10.4	1.85026	1.916908		3.6	30
Chloromethane	A	10.0	7.89	0.8582864	0.6770618		-21.1	30
cis-1,2-Dichloroethylene	A	10.0	11.0	1.005026	1.104406		9.9	30
cis-1,3-Dichloropropylene	A	10.0	8.68	0.3911601	0.4301569		-13.2	30
Cyclohexane	A	10.0	9.32	1.117996	1.246387		-6.8	30
Dibromochloromethane	A	10.0	8.20	0.7225939	0.7133666		-18.0	30
Dichlorodifluoromethane	A	10.0	10.2	2.498374	2.541097		1.7	30
Ethyl acetate	A	10.0	10.8	1.836021	1.980255		7.9	30
Ethyl Benzene	A	10.0	10.9	1.385254	1.506331		8.7	30
Hexachlorobutadiene	A	10.0	5.26	0.8807332	0.7157772		-47.4	30 *
Isopropanol	A	10.0	9.84	1.895388	1.515193		-1.6	30
Methyl Methacrylate	A	10.0	7.26	0.2716714	0.2950101		-27.4	30
Methyl tert-butyl ether (MTBE)	A	10.0	11.0	1.929202	2.129012		10.4	30
Methylene chloride	A	10.0	9.41	1.245314	0.9736201		-5.9	30
n-Heptane	A	10.0	7.47	1.528945	1.713779		-25.3	30
n-Hexane	A	10.0	9.18	1.114725	1.215285		-8.2	30
o-Xylene	A	10.0	7.85	1.097207	1.245453		-21.5	30
p- & m- Xylenes	A	20.0	15.0	1.132692	1.282048		-24.8	30
p-Ethyltoluene	A	10.0	7.93	1.454004	1.635237		-20.7	30
Propylene	A	10.0	10.6	0.4411641	0.4662973		5.7	30
Styrene	A	10.0	7.57	0.8405435	0.986174		-24.3	30
Tetrachloroethylene	A	10.0	8.44	0.6279522	0.5886228		-15.6	30
Tetrahydrofuran	A	10.0	10.9	0.867238	0.944563		8.9	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	23B0582
Client:	DT Consulting Services	Project:	C314132 WIllow Brook Rentals LLC
Instrument ID:	5975C	Calibration:	SB30018
Lab File ID:	TO297572.D	Calibration Date:	02/09/23 15:26
Sequence:	S3B1716	Injection Date:	02/16/23
Lab Sample ID:	S3B1716-CCV1	Injection Time:	11:48

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	10.0	9.24	0.7296276	0.8583997		-7.6	30	
Bromomethane	A	10.0	5.82	1.670006	0.8205932		-41.8	30	*
Carbon disulfide	A	10.0	10.3	2.199716	2.272792		3.3	30	
Carbon tetrachloride	A	10.0	9.94	1.929495	2.165862		-0.6	30	
Chlorobenzene	A	10.0	10.8	0.955844	1.032193		8.0	30	
Chloroethane	A	10.0	9.41	0.4059188	0.3818229		-5.9	30	
Chloroform	A	10.0	10.7	1.85026	1.981111		7.1	30	
Chloromethane	A	10.0	10.1	0.8582864	0.867344		1.1	30	
cis-1,2-Dichloroethylene	A	10.0	11.3	1.005026	1.134472		12.9	30	
cis-1,3-Dichloropropylene	A	10.0	9.27	0.3911601	0.4605914		-7.3	30	
Cyclohexane	A	10.0	9.49	1.117996	1.26978		-5.1	30	
Dibromochloromethane	A	10.0	9.40	0.7225939	0.8278816		-6.0	30	
Dichlorodifluoromethane	A	10.0	10.0	2.498374	2.50391		0.2	30	
Ethyl acetate	A	10.0	11.1	1.836021	2.039814		11.1	30	
Ethyl Benzene	A	10.0	11.9	1.385254	1.643698		18.7	30	
Hexachlorobutadiene	A	10.0	5.73	0.8807332	0.7800561		-42.7	30	*
Isopropanol	A	10.0	9.75	1.895388	1.500098		-2.5	30	
Methyl Methacrylate	A	10.0	8.13	0.2716714	0.3304596		-18.7	30	
Methyl tert-butyl ether (MTBE)	A	10.0	11.2	1.929202	2.160962		12.0	30	
Methylene chloride	A	10.0	9.54	1.245314	0.9876393		-4.6	30	
n-Heptane	A	10.0	8.52	1.528945	1.949041		-14.8	30	
n-Hexane	A	10.0	9.27	1.114725	1.227202		-7.3	30	
o-Xylene	A	10.0	8.84	1.097207	1.400204		-11.6	30	
p- & m- Xylenes	A	20.0	16.9	1.132692	1.435894		-15.4	30	
p-Ethyltoluene	A	10.0	9.11	1.454004	1.877599		-8.9	30	
Propylene	A	10.0	9.97	0.4411641	0.4396224		-0.3	30	
Styrene	A	10.0	8.44	0.8405435	1.099094		-15.6	30	
Tetrachloroethylene	A	10.0	9.69	0.6279522	0.68722		-3.1	30	
Tetrahydrofuran	A	10.0	11.2	0.867238	0.9700822		11.9	30	

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals, LLC
10-14 Tucker Drive
Poughkeepsie, NY 12603

SDG: 24C1132
10 Soil Samples and 1 Trip Blank

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

May 2024

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
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Table 6-2 SVOCs
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REVIEWER'S NARRATIVE
DT Consulting Services SDG 24C1132 – Willow Brook Rentals, LLC

The data associated with this Sample Delivery Group (SDG) 24C1132, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 5/9/2024

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals, LLC 10-14 Tucker Drive Poughkeepsie, NY 12603 NYS DEC #: C314132
SAMPLING DATE:	March 18, 2024
SAMPLE TYPE:	10 soil samples and 1 trip blank
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	24C1132

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 10 soil samples and 1 trip blank collected on March 18, 2024. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, PFASs, Pesticides, PCBs, Metals, and Total Cyanide (TCN).

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 24C1132. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-9. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 24C1132, eleven samples were analyzed and results were reported for 2430 analyses. Eleven results were rejected. Even though some results were flagged with a "J" as estimated, all other results (99.5 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Note 1) The method (preparation) blank results for all ICP Metals were not reported with method 6010C for all samples. Based on the raw data analysis, no data validation qualifiers were added. The laboratory should be advised to correct their ASP-B reports to conform to ASP-B protocol.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All soil samples Trip Blank	1,4-Dioxane	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect, they are rejected
All soil samples	Ethanol	UJ non-detects J detects	Analyte not added to LCS or ICV	Data are estimated
All soil samples	Tetrachloroethene	UJ non-detects J detects	LCS rec < QC limits and/or CCV % D > QC limits	Data are estimated
SB-11B	Methylene chloride	J detects UJ non-detects	ICAL Qual COD < 0.99	Data are estimated
SB-11B	Bromomethane Naphthalene Vinyl acetate	J detects UJ non-detects	ICV and/or CCV % D > QC limit	Data are estimated
SB-8A SB-8B SB-9A SB-9B SB-10A	Acetone Dichlorodifluoromethane TAA Trichlorofluoromethane Vinyl acetate	J detects UJ non-detects	ICV and/or CCV % D > QC limit	Data are estimated
SB-9C	Ethanol Vinyl acetate	J detects UJ non-detects	ICV and/or CCV % D > QC limit	Data are estimated
Trip Blank	2-Hexanone	J detects UJ non-detects	ICAL RF < 0.05	Data are estimated
Trip Blank	2-Butanone Acetone Bromomethane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit	Data are estimated

	Chloroethane Iodomethane n-Butyl benzene p-Diethyl benzene TAA TBA Tetrachloroethene Tetrahydrofuran Vinyl acetate			

Table 6-2 SVOCs – Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-8A SB-8B SB-10A SB-10B SB-11A SB-11B SB-12A	2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Nitroaniline 3,3'-Dichlorobenzidine 3-Nitroaniline 4,6-Dinitro-2-methylphenol 4-Nitroaniline Benzidine Benzoic acid Benzo(a)pyrene Benzo(b)fluoranthene Benzy butyl phthalate Bis-(2-ethylhexyl)phthalate	J detects UJ non-detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated

	Di-n-octylphthalate Hexachlorocyclopentadiene Pentachlorophenol			
SB-9A SB-9B SB-9C	2,3,4,6-Tetrachlorophenol 2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol 4-Nitroaniline Benzidine Benzo(a)pyrene Benzo(b)fluoranthene Benzoic acid Benzy butyl phthalate Bis-(2-ethylhexyl)phthalate Caprolactm Di-n-octylphthalate Fluoroanthene Indeno(1,2,3)pyrene Hexachlorocyclopentadiene Pentachlorophenol	J detects UJ non-detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated
SB-8B RE SB-9C RE2 SB-10B RE	Bis-(2-ethylhexyl)phthalate	J detects UJ non-detects	CCV % D > QC limits.	Data are estimated
SB-9C RE	Benzy butyl phthalate	J detects UJ non-detects	CCV % D > QC limits.	Data are estimated

Table 6-3 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-8B SB-9A SB-9B SB-9C SB-10A SB-10B	PFBA	J detects UJ non-detect	Sur rec < QC limit	Data are estimated
SB-8A SB-8B SB-9A SB-9B SB-9C SB-10A SB-10B	8:2 FTS 4:2 FTS 6:2 FTS	J detects UJ non-detect	Qual COD < 0.995	Data are estimated
SB-8A SB-8B SB-9A SB-9B SB-9C SB-10A SB-10B	11CL-PF3OUdS FPrPA PFMPA PFDoS NFDHA	J detects UJ non-detect	LCS rec < QC limit and/or CCV % D > QC limit	Data are estimated

Table 6-4 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-9A	PCB 1016	J detects UJ non-detects	MS rec < QC limits.	Data are estimated

Table 6-6 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-7 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB-8A SB-8B SB-9A SB-9B	Cd	J- detects UJ non-detects	SRM rec < QC limit	Data may be biased low

SB-9C SB-10A SB-10B				
SB-8A SB-8B SB-9A SB-9B SB-9C SB-10A SB-10B	K	J- detects UJ non-detects	ICV and CCV % D rec < QC limit	Data may be biased low

Table 6-8 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-9 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 05/01/2024
Client Project ID: C314132 Willow Brook Rentals LLC
York Project (SDG) No.: 24C1132

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Work Order Narrative

York Analytical Work Order No.: 24C1132

Client : DT Consulting Services

Client Project ID : C314132 Willow Brook Rentals LLC

Prepared for : Deborah Thompson

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 03/19/2024 2:30 PM

11 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{4.4}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
SB8A	24C1132-01	Soil	03/18/2024 11:40 AM	03/19/2024 2:30 PM
SB8B	24C1132-02	Soil	03/18/2024 11:48 AM	03/19/2024 2:30 PM
SB9A	24C1132-03	Soil	03/18/2024 2:01 PM	03/19/2024 2:30 PM
SB9B	24C1132-04	Soil	03/18/2024 2:29 PM	03/19/2024 2:30 PM
SB9C	24C1132-05	Soil	03/18/2024 2:46 PM	03/19/2024 2:30 PM
SB10A	24C1132-06	Soil	03/18/2024 3:09 PM	03/19/2024 2:30 PM
SB10B	24C1132-07	Soil	03/18/2024 3:24 PM	03/19/2024 2:30 PM
SB11A	24C1132-08	Soil	03/18/2024 12:10 PM	03/19/2024 2:30 PM
SB11B	24C1132-09	Soil	03/18/2024 12:18 PM	03/19/2024 2:30 PM
SB12A	24C1132-10	Soil	03/18/2024 10:55 AM	03/19/2024 2:30 PM
Trip Blank	24C1132-11	Water	03/18/2024 4:30 PM	03/19/2024 2:30 PM

WorkOrder Comments

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
VOA	EPA 5035A	EPA 8260C
VOA	EPA 5030B	EPA 8260D
SVOA	EPA 3510C	EPA 8270D
SVOA	EPA 3550C	EPA 8270D
SVOA	EPA 3550C	EPA 8270D SIM
PFAS	EPA 1633 Prep	EPA 1633 Draft 3
PEST	EPA 3550C	EPA 8081B
PEST	EPA SW846-3510C Low Level	EPA 8081B
ARO	EPA 3550C	EPA 8082A
METALS	EPA 3050B	EPA 6010D
HG	EPA 7473 soil	EPA 7473
WET	Analysis Preparation Soil	EPA 9014/9010C
WET	% Solids Prep	SM 2540G

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1132

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services INC	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: Willow Brook Rentals, LLC

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Soil Boring SB8A	S	3/18/24 1140	VOCs / SVOCs / TAL Metals	4oz	1
SB8B		1148	Pesticides / PCBs / PFAs, cyanide	8oz	1
SB9A		201	1,4 dioxane	40ml	4
SB9B		229		250 ml	1
SB9C		246			
SB10A		309			
SB10B		324			
SB11A		1210	VOCs, SVOCs	40ml	4
SB11B		1218		8oz	1
SB12A		1055		1	1

Comments: BCP Site No. C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	3/19/24	Chain Catch	3-19-24 11:10	Chain Catch	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	3/19/24 14:30 4.4 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1132

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Trip Blank		3/18/24 430		40ml	3

Comments: BCP Site No. C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	3/19/24	Chris Catucci	3-19-24 11:10	Chris Catucci	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/19/24 14:30 4.4° Degrees C

York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
CLASS: VOA
METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07
SB10B	24C1132-07RE1
SB11A	24C1132-08
SB11B	24C1132-09
SB12A	24C1132-10

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/23/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID: V11C016072.D

Sampled: 03/18/24 11:40 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:48

Solids: 91.33 Preparation: EPA 5035A Initial/Final: 4.9 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0056	U	
71-55-6	1,1,1-Trichloroethane	1	0.0056	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0056	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0056	U	
79-00-5	1,1,2-Trichloroethane	1	0.0056	U	
75-34-3	1,1-Dichloroethane	1	0.0056	U	
75-35-4	1,1-Dichloroethylene	1	0.0056	U	
563-58-6	1,1-Dichloropropylene	1	0.0056	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0056	U	
96-18-4	1,2,3-Trichloropropane	1	0.0056	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0056	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0056	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0056	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0056	U	
106-93-4	1,2-Dibromoethane	1	0.0056	U	
95-50-1	1,2-Dichlorobenzene	1	0.0056	U	
107-06-2	1,2-Dichloroethane	1	0.0056	U	
78-87-5	1,2-Dichloropropane	1	0.0056	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0056	U	
541-73-1	1,3-Dichlorobenzene	1	0.0056	U	
142-28-9	1,3-Dichloropropane	1	0.0056	U	
106-46-7	1,4-Dichlorobenzene	1	0.0056	U	
123-91-1	1,4-Dioxane	1	0.11	U	R
594-20-7	2,2-Dichloropropane	1	0.0056	U	
78-93-3	2-Butanone	1	0.0056	U	
110-75-8	2-Chloroethylvinyl ether	1	0.022	U	
95-49-8	2-Chlorotoluene	1	0.0056	U	
591-78-6	2-Hexanone	1	0.0056	U	
106-43-4	4-Chlorotoluene	1	0.0056	U	
108-10-1	4-Methyl-2-pentanone	1	0.0056	U	
67-64-1	Acetone	1	0.011	U	UJ
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0056	U	
71-43-2	Benzene	1	0.0056	U	
108-86-1	Bromobenzene	1	0.0056	U	
74-97-5	Bromochloromethane	1	0.0056	U	
75-27-4	Bromodichloromethane	1	0.0056	U	
75-25-2	Bromoform	1	0.0056	U	
74-83-9	Bromomethane	1	0.0056	U	
75-15-0	Carbon disulfide	1	0.0056	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID: V11C016072.D

Sampled: 03/18/24 11:40 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:48

Solids: 91.33 Preparation: EPA 5035A Initial/Final: 4.9 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0056	U	
108-90-7	Chlorobenzene	1	0.0056	U	
75-00-3	Chloroethane	1	0.0056	U	
67-66-3	Chloroform	1	0.0056	U	
74-87-3	Chloromethane	1	0.0056	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0056	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0056	U	
110-82-7	Cyclohexane	1	0.0056	U	
124-48-1	Dibromochloromethane	1	0.0056	U	
74-95-3	Dibromomethane	1	0.0056	U	
75-71-8	Dichlorodifluoromethane	1	0.0056	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0089	U	
64-17-5	Ethanol	1	0.089	U	UJ
100-41-4	Ethyl Benzene	1	0.0056	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0089	U	
87-68-3	Hexachlorobutadiene	1	0.0056	U	
74-88-4	Iodomethane	1	0.0056	U	
98-82-8	Isopropylbenzene	1	0.0056	U	
79-20-9	Methyl acetate	1	0.0056	U	
80-62-6	Methyl Methacrylate	1	0.0056	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0056	U	
108-87-2	Methylcyclohexane	1	0.0056	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0056	U	
103-65-1	n-Propylbenzene	1	0.0056	U	
95-47-6	o-Xylene	1	0.0056	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0056	U	
622-96-8	p-Ethyltoluene	1	0.0056	U	
99-87-6	p-Isopropyltoluene	1	0.0056	U	
135-98-8	sec-Butylbenzene	1	0.0056	U	
100-42-5	Styrene	1	0.0056	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.089	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0089	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0056	U	
98-06-6	tert-Butylbenzene	1	0.0056	U	
127-18-4	Tetrachloroethylene	1	0.0056	U	UJ
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0056	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID: V11C016072.D

Sampled: 03/18/24 11:40 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:48

Solids: 91.33 Preparation: EPA 5035A Initial/Final: 4.9 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0056	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0056	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0056	U	
79-01-6	Trichloroethylene	1	0.0056	U	
75-69-4	Trichlorofluoromethane	1	0.0056	U	UJ
108-05-4	Vinyl acetate	1	0.0056	U	UJ
75-01-4	Vinyl Chloride	1	0.0056	U	
1330-20-7	Xylenes, Total	1	0.017	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	48.3	96.6	77 - 125	
SURR: Toluene-d8	50.0	54.7	109	85 - 120	
SURR: p-Bromofluorobenzene	50.0	55.6	111	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	529828	6.103	526067	6.103	
ISTD: Chlorobenzene-d5	1922678	9.153	1974222	9.153	
ISTD: 1,2-Dichlorobenzene-d4	748299	12.152	867337	12.153	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID: V11C016073.D

Sampled: 03/18/24 11:48 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:14

Solids: 90.48 Preparation: EPA 5035A Initial/Final: 5.86 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0047	U	
71-55-6	1,1,1-Trichloroethane	1	0.0047	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0047	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0047	U	
79-00-5	1,1,2-Trichloroethane	1	0.0047	U	
75-34-3	1,1-Dichloroethane	1	0.0047	U	
75-35-4	1,1-Dichloroethylene	1	0.0047	U	
563-58-6	1,1-Dichloropropylene	1	0.0047	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0047	U	
96-18-4	1,2,3-Trichloropropane	1	0.0047	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0047	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0047	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0047	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0047	U	
106-93-4	1,2-Dibromoethane	1	0.0047	U	
95-50-1	1,2-Dichlorobenzene	1	0.0047	U	
107-06-2	1,2-Dichloroethane	1	0.0047	U	
78-87-5	1,2-Dichloropropane	1	0.0047	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0047	U	
541-73-1	1,3-Dichlorobenzene	1	0.0047	U	
142-28-9	1,3-Dichloropropane	1	0.0047	U	
106-46-7	1,4-Dichlorobenzene	1	0.0047	U	
123-91-1	1,4-Dioxane	1	~~0.094~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0047	U	
78-93-3	2-Butanone	1	0.0027	J	
110-75-8	2-Chloroethylvinyl ether	1	0.019	U	
95-49-8	2-Chlorotoluene	1	0.0047	U	
591-78-6	2-Hexanone	1	0.0047	U	
106-43-4	4-Chlorotoluene	1	0.0047	U	
108-10-1	4-Methyl-2-pentanone	1	0.0047	U	
67-64-1	Acetone	1	0.011		J
107-02-8	Acrolein	1	0.0094	U	
107-13-1	Acrylonitrile	1	0.0047	U	
71-43-2	Benzene	1	0.0047	U	
108-86-1	Bromobenzene	1	0.0047	U	
74-97-5	Bromochloromethane	1	0.0047	U	
75-27-4	Bromodichloromethane	1	0.0047	U	
75-25-2	Bromoform	1	0.0047	U	
74-83-9	Bromomethane	1	0.0047	U	
75-15-0	Carbon disulfide	1	0.0047	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID: V11C016073.D

Sampled: 03/18/24 11:48 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:14

Solids: 90.48 Preparation: EPA 5035A Initial/Final: 5.86 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0047	U	
108-90-7	Chlorobenzene	1	0.0047	U	
75-00-3	Chloroethane	1	0.0047	U	
67-66-3	Chloroform	1	0.0047	U	
74-87-3	Chloromethane	1	0.0047	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0047	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0047	U	
110-82-7	Cyclohexane	1	0.0047	U	
124-48-1	Dibromochloromethane	1	0.0047	U	
74-95-3	Dibromomethane	1	0.0047	U	
75-71-8	Dichlorodifluoromethane	1	0.0047	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0075	U	
64-17-5	Ethanol	1	0.075	U	UJ
100-41-4	Ethyl Benzene	1	0.0047	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0075	U	
87-68-3	Hexachlorobutadiene	1	0.0047	U	
74-88-4	Iodomethane	1	0.0047	U	
98-82-8	Isopropylbenzene	1	0.0047	U	
79-20-9	Methyl acetate	1	0.0047	U	
80-62-6	Methyl Methacrylate	1	0.0047	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0047	U	
108-87-2	Methylcyclohexane	1	0.0047	U	
75-09-2	Methylene chloride	1	0.0094	U	
91-20-3	Naphthalene	1	0.0094	U	
104-51-8	n-Butylbenzene	1	0.0047	U	
103-65-1	n-Propylbenzene	1	0.0047	U	
95-47-6	o-Xylene	1	0.0047	U	
179601-23-1	p- & m- Xylenes	1	0.0094	U	
105-05-5	p-Diethylbenzene	1	0.0047	U	
622-96-8	p-Ethyltoluene	1	0.0047	U	
99-87-6	p-Isopropyltoluene	1	0.0047	U	
135-98-8	sec-Butylbenzene	1	0.0047	U	
100-42-5	Styrene	1	0.0047	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.075	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0075	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0047	U	
98-06-6	tert-Butylbenzene	1	0.0047	U	
127-18-4	Tetrachloroethylene	1	0.0047	U	UJ
109-99-9	Tetrahydrofuran	1	0.0094	U	
108-88-3	Toluene	1	0.0047	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02	File ID:	V11C016073.D
Sampled:	03/18/24 11:48	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 17:14
Solids:	90.48	Preparation:	EPA 5035A	Initial/Final:	5.86 g / 5 ml
Batch:	BC41618	Sequence:	S4C2511	Calibration:	SC40040
Instrument:	VOA#11				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0047	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0047	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0047	U	
79-01-6	Trichloroethylene	1	0.0047	U	
75-69-4	Trichlorofluoromethane	1	0.0047	U	UJ
108-05-4	Vinyl acetate	1	0.0047	U	UJ
75-01-4	Vinyl Chloride	1	0.0047	U	
1330-20-7	Xylenes, Total	1	0.014	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.3	98.5	77 - 125	
SURR: Toluene-d8	50.0	54.0	108	85 - 120	
SURR: p-Bromofluorobenzene	50.0	54.3	109	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	531651	6.101	526067	6.103	
ISTD: Chlorobenzene-d5	1970921	9.152	1974222	9.153	
ISTD: 1,2-Dichlorobenzene-d4	795811	12.152	867337	12.153	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID: V11C016074.D

Sampled: 03/18/24 14:01 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:40

Solids: 93.10 Preparation: EPA 5035A Initial/Final: 5.2 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0052	U	
71-55-6	1,1,1-Trichloroethane	1	0.0052	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0052	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0052	U	
79-00-5	1,1,2-Trichloroethane	1	0.0052	U	
75-34-3	1,1-Dichloroethane	1	0.0052	U	
75-35-4	1,1-Dichloroethylene	1	0.0052	U	
563-58-6	1,1-Dichloropropylene	1	0.0052	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0052	U	
96-18-4	1,2,3-Trichloropropane	1	0.0052	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0052	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0052	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0052	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0052	U	
106-93-4	1,2-Dibromoethane	1	0.0052	U	
95-50-1	1,2-Dichlorobenzene	1	0.0052	U	
107-06-2	1,2-Dichloroethane	1	0.0052	U	
78-87-5	1,2-Dichloropropane	1	0.0052	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0052	U	
541-73-1	1,3-Dichlorobenzene	1	0.0052	U	
142-28-9	1,3-Dichloropropane	1	0.0052	U	
106-46-7	1,4-Dichlorobenzene	1	0.0052	U	
123-91-1	1,4-Dioxane	1	~~0.10~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0052	U	
78-93-3	2-Butanone	1	0.0052	U	
110-75-8	2-Chloroethylvinyl ether	1	0.021	U	
95-49-8	2-Chlorotoluene	1	0.0052	U	
591-78-6	2-Hexanone	1	0.0052	U	
106-43-4	4-Chlorotoluene	1	0.0052	U	
108-10-1	4-Methyl-2-pentanone	1	0.0052	U	
67-64-1	Acetone	1	0.010	U	UJ
107-02-8	Acrolein	1	0.010	U	
107-13-1	Acrylonitrile	1	0.0052	U	
71-43-2	Benzene	1	0.0052	U	
108-86-1	Bromobenzene	1	0.0052	U	
74-97-5	Bromochloromethane	1	0.0052	U	
75-27-4	Bromodichloromethane	1	0.0052	U	
75-25-2	Bromoform	1	0.0052	U	
74-83-9	Bromomethane	1	0.0052	U	
75-15-0	Carbon disulfide	1	0.0052	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID: V11C016074.D

Sampled: 03/18/24 14:01 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:40

Solids: 93.10 Preparation: EPA 5035A Initial/Final: 5.2 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0052	U	
108-90-7	Chlorobenzene	1	0.0052	U	
75-00-3	Chloroethane	1	0.0052	U	
67-66-3	Chloroform	1	0.0052	U	
74-87-3	Chloromethane	1	0.0052	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0052	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0052	U	
110-82-7	Cyclohexane	1	0.0052	U	
124-48-1	Dibromochloromethane	1	0.0052	U	
74-95-3	Dibromomethane	1	0.0052	U	
75-71-8	Dichlorodifluoromethane	1	0.0052	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0083	U	
64-17-5	Ethanol	1	0.083	U	UJ
100-41-4	Ethyl Benzene	1	0.0052	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0083	U	
87-68-3	Hexachlorobutadiene	1	0.0052	U	
74-88-4	Iodomethane	1	0.0052	U	
98-82-8	Isopropylbenzene	1	0.0052	U	
79-20-9	Methyl acetate	1	0.0052	U	
80-62-6	Methyl Methacrylate	1	0.0052	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0052	U	
108-87-2	Methylcyclohexane	1	0.0052	U	
75-09-2	Methylene chloride	1	0.010	U	
91-20-3	Naphthalene	1	0.010	U	
104-51-8	n-Butylbenzene	1	0.0052	U	
103-65-1	n-Propylbenzene	1	0.0052	U	
95-47-6	o-Xylene	1	0.0052	U	
179601-23-1	p- & m- Xylenes	1	0.010	U	
105-05-5	p-Diethylbenzene	1	0.0052	U	
622-96-8	p-Ethyltoluene	1	0.0052	U	
99-87-6	p-Isopropyltoluene	1	0.0052	U	
135-98-8	sec-Butylbenzene	1	0.0052	U	
100-42-5	Styrene	1	0.0052	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.083	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0083	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0052	U	
98-06-6	tert-Butylbenzene	1	0.0052	U	
127-18-4	Tetrachloroethylene	1	0.0052	U	UJ
109-99-9	Tetrahydrofuran	1	0.010	U	
108-88-3	Toluene	1	0.0052	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID: V11C016074.D

Sampled: 03/18/24 14:01 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:40

Solids: 93.10 Preparation: EPA 5035A Initial/Final: 5.2 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0052	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0052	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0052	U	
79-01-6	Trichloroethylene	1	0.0052	U	
75-69-4	Trichlorofluoromethane	1	0.0052	U	UJ
108-05-4	Vinyl acetate	1	0.0052	U	UJ
75-01-4	Vinyl Chloride	1	0.0052	U	
1330-20-7	Xylenes, Total	1	0.015	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	48.0	96.0	77 - 125	
SURR: Toluene-d8	50.0	54.6	109	85 - 120	
SURR: p-Bromofluorobenzene	50.0	54.7	109	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	535638	6.103	526067	6.103	
ISTD: Chlorobenzene-d5	1970742	9.153	1974222	9.153	
ISTD: 1,2-Dichlorobenzene-d4	777286	12.153	867337	12.153	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID: V11C016075.D

Sampled: 03/18/24 14:29 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:06

Solids: 93.72 Preparation: EPA 5035A Initial/Final: 5.09 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0052	U	
71-55-6	1,1,1-Trichloroethane	1	0.0052	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0052	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0052	U	
79-00-5	1,1,2-Trichloroethane	1	0.0052	U	
75-34-3	1,1-Dichloroethane	1	0.0052	U	
75-35-4	1,1-Dichloroethylene	1	0.0052	U	
563-58-6	1,1-Dichloropropylene	1	0.0052	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0052	U	
96-18-4	1,2,3-Trichloropropane	1	0.0052	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0052	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0052	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0052	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0052	U	
106-93-4	1,2-Dibromoethane	1	0.0052	U	
95-50-1	1,2-Dichlorobenzene	1	0.0052	U	
107-06-2	1,2-Dichloroethane	1	0.0052	U	
78-87-5	1,2-Dichloropropane	1	0.0052	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0052	U	
541-73-1	1,3-Dichlorobenzene	1	0.0052	U	
142-28-9	1,3-Dichloropropane	1	0.0052	U	
106-46-7	1,4-Dichlorobenzene	1	0.0052	U	
123-91-1	1,4-Dioxane	1	~~0.10~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0052	U	
78-93-3	2-Butanone	1	0.0026	J	
110-75-8	2-Chloroethylvinyl ether	1	0.021	U	
95-49-8	2-Chlorotoluene	1	0.0052	U	
591-78-6	2-Hexanone	1	0.0052	U	
106-43-4	4-Chlorotoluene	1	0.0052	U	
108-10-1	4-Methyl-2-pentanone	1	0.0052	U	
67-64-1	Acetone	1	0.035		J
107-02-8	Acrolein	1	0.010	U	
107-13-1	Acrylonitrile	1	0.0052	U	
71-43-2	Benzene	1	0.0052	U	
108-86-1	Bromobenzene	1	0.0052	U	
74-97-5	Bromochloromethane	1	0.0052	U	
75-27-4	Bromodichloromethane	1	0.0052	U	
75-25-2	Bromoform	1	0.0052	U	
74-83-9	Bromomethane	1	0.0052	U	
75-15-0	Carbon disulfide	1	0.0052	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID: V11C016075.D

Sampled: 03/18/24 14:29 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:06

Solids: 93.72 Preparation: EPA 5035A Initial/Final: 5.09 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0052	U	
108-90-7	Chlorobenzene	1	0.0052	U	
75-00-3	Chloroethane	1	0.0052	U	
67-66-3	Chloroform	1	0.0052	U	
74-87-3	Chloromethane	1	0.0052	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0052	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0052	U	
110-82-7	Cyclohexane	1	0.0052	U	
124-48-1	Dibromochloromethane	1	0.0052	U	
74-95-3	Dibromomethane	1	0.0052	U	
75-71-8	Dichlorodifluoromethane	1	0.0052	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0084	U	
64-17-5	Ethanol	1	0.084	U	UJ
100-41-4	Ethyl Benzene	1	0.0052	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0084	U	
87-68-3	Hexachlorobutadiene	1	0.0052	U	
74-88-4	Iodomethane	1	0.0052	U	
98-82-8	Isopropylbenzene	1	0.0052	U	
79-20-9	Methyl acetate	1	0.0052	U	
80-62-6	Methyl Methacrylate	1	0.0052	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0052	U	
108-87-2	Methylcyclohexane	1	0.0052	U	
75-09-2	Methylene chloride	1	0.010	U	
91-20-3	Naphthalene	1	0.010	U	
104-51-8	n-Butylbenzene	1	0.0052	U	
103-65-1	n-Propylbenzene	1	0.0052	U	
95-47-6	o-Xylene	1	0.0052	U	
179601-23-1	p- & m- Xylenes	1	0.010	U	
105-05-5	p-Diethylbenzene	1	0.0052	U	
622-96-8	p-Ethyltoluene	1	0.0052	U	
99-87-6	p-Isopropyltoluene	1	0.0052	U	
135-98-8	sec-Butylbenzene	1	0.0052	U	
100-42-5	Styrene	1	0.0052	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.084	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0084	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0052	U	
98-06-6	tert-Butylbenzene	1	0.0052	U	
127-18-4	Tetrachloroethylene	1	0.0052	U	UJ
109-99-9	Tetrahydrofuran	1	0.010	U	
108-88-3	Toluene	1	0.0052	U	

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EPA 8260C

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID: V11C016075.D

Sampled: 03/18/24 14:29 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:06

Solids: 93.72 Preparation: EPA 5035A Initial/Final: 5.09 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0052	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0052	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0052	U	
79-01-6	Trichloroethylene	1	0.0052	U	
75-69-4	Trichlorofluoromethane	1	0.0052	U	UJ
108-05-4	Vinyl acetate	1	0.0052	U	UJ
75-01-4	Vinyl Chloride	1	0.0052	U	
1330-20-7	Xylenes, Total	1	0.016	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.6	99.3	77 - 125	
SURR: Toluene-d8	50.0	54.3	109	85 - 120	
SURR: p-Bromofluorobenzene	50.0	56.3	113	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	519849	6.103	526067	6.103	
ISTD: Chlorobenzene-d5	1924854	9.153	1974222	9.153	
ISTD: 1,2-Dichlorobenzene-d4	721113	12.152	867337	12.153	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID: V2627666.D

Sampled: 03/18/24 14:46 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 14:51

Solids: 82.36 Preparation: EPA 5035A Initial/Final: 11.38 g / 5 ml

Batch: BC41615 Sequence: S4C2520 Calibration: SC40035 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	100	0.27	U
71-55-6	1,1,1-Trichloroethane	100	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	100	0.27	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	100	0.27	U
79-00-5	1,1,2-Trichloroethane	100	0.27	U
75-34-3	1,1-Dichloroethane	100	0.27	U
75-35-4	1,1-Dichloroethylene	100	0.27	U
563-58-6	1,1-Dichloropropylene	100	0.27	U
87-61-6	1,2,3-Trichlorobenzene	100	0.27	U
96-18-4	1,2,3-Trichloropropane	100	0.27	U
95-93-2	1,2,4,5-Tetramethylbenzene	100	0.27	U
120-82-1	1,2,4-Trichlorobenzene	100	0.27	U
95-63-6	1,2,4-Trimethylbenzene	100	0.71	D
96-12-8	1,2-Dibromo-3-chloropropane	100	0.27	U
106-93-4	1,2-Dibromoethane	100	0.27	U
95-50-1	1,2-Dichlorobenzene	100	0.27	U
107-06-2	1,2-Dichloroethane	100	0.27	U
78-87-5	1,2-Dichloropropane	100	0.27	U
108-67-8	1,3,5-Trimethylbenzene	100	0.36	D
541-73-1	1,3-Dichlorobenzene	100	0.27	U
142-28-9	1,3-Dichloropropane	100	0.27	U
106-46-7	1,4-Dichlorobenzene	100	0.27	U
123-91-1	1,4-Dioxane	100	5.3	U R
594-20-7	2,2-Dichloropropane	100	0.27	U
78-93-3	2-Butanone	100	0.27	U
110-75-8	2-Chloroethylvinyl ether	100	1.1	U
95-49-8	2-Chlorotoluene	100	0.27	U
591-78-6	2-Hexanone	100	0.27	U
106-43-4	4-Chlorotoluene	100	0.27	U
108-10-1	4-Methyl-2-pentanone	100	0.27	U
67-64-1	Acetone	100	0.53	U
107-02-8	Acrolein	100	0.53	U
107-13-1	Acrylonitrile	100	0.27	U
71-43-2	Benzene	100	0.27	U
108-86-1	Bromobenzene	100	0.27	U
74-97-5	Bromochloromethane	100	0.27	U
75-27-4	Bromodichloromethane	100	0.27	U
75-25-2	Bromoform	100	0.27	U
74-83-9	Bromomethane	100	0.27	U
75-15-0	Carbon disulfide	100	0.27	U

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID: V2627666.D

Sampled: 03/18/24 14:46 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 14:51

Solids: 82.36 Preparation: EPA 5035A Initial/Final: 11.38 g / 5 ml

Batch: BC41615 Sequence: S4C2520 Calibration: SC40035 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	100	0.27	U	
108-90-7	Chlorobenzene	100	0.27	U	
75-00-3	Chloroethane	100	0.27	U	
67-66-3	Chloroform	100	0.27	U	
74-87-3	Chloromethane	100	0.27	U	
156-59-2	cis-1,2-Dichloroethylene	100	0.27	U	
10061-01-5	cis-1,3-Dichloropropylene	100	0.27	U	
110-82-7	Cyclohexane	100	0.27	U	
124-48-1	Dibromochloromethane	100	0.27	U	
74-95-3	Dibromomethane	100	0.27	U	
75-71-8	Dichlorodifluoromethane	100	0.27	U	
108-20-3	Diisopropyl ether (DIPE)	100	0.43	U	
64-17-5	Ethanol	100	4.3	U	UJ
100-41-4	Ethyl Benzene	100	0.54	D	
637-92-3	Ethyl tert-butyl ether (ETBE)	100	0.43	U	
87-68-3	Hexachlorobutadiene	100	0.27	U	
74-88-4	Iodomethane	100	0.27	U	
98-82-8	Isopropylbenzene	100	0.27	U	
79-20-9	Methyl acetate	100	0.27	U	
80-62-6	Methyl Methacrylate	100	0.27	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	100	0.27	U	
108-87-2	Methylcyclohexane	100	0.27	U	
75-09-2	Methylene chloride	100	0.53	U	
91-20-3	Naphthalene	100	0.53	U	
104-51-8	n-Butylbenzene	100	0.27	U	
103-65-1	n-Propylbenzene	100	0.18	JD	
95-47-6	o-Xylene	100	0.40	D	
179601-23-1	p- & m- Xylenes	100	2.9	D	
105-05-5	p-Diethylbenzene	100	0.27	U	
622-96-8	p-Ethyltoluene	100	0.36	D	
99-87-6	p-Isopropyltoluene	100	0.27	U	
135-98-8	sec-Butylbenzene	100	0.27	U	
100-42-5	Styrene	100	0.27	U	
75-85-4	tert-Amyl alcohol (TAA)	100	4.3	U	
994-05-8	tert-Amyl methyl ether (TAME)	100	0.43	U	
75-65-0	tert-Butyl alcohol (TBA)	100	0.27	U	
98-06-6	tert-Butylbenzene	100	0.27	U	
127-18-4	Tetrachloroethylene	100	0.27	U	UJ
109-99-9	Tetrahydrofuran	100	0.53	U	
108-88-3	Toluene	100	0.13	JD	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05	File ID:	V2627666.D
Sampled:	03/18/24 14:46	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 14:51
Solids:	82.36	Preparation:	EPA 5035A	Initial/Final:	11.38 g / 5 ml
Batch:	BC41615	Sequence:	S4C2520	Calibration:	SC40035
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	100	0.27	U	
10061-02-6	trans-1,3-Dichloropropylene	100	0.27	U	
110-57-6	trans-1,4-dichloro-2-butene	100	0.27	U	
79-01-6	Trichloroethylene	100	0.27	U	
75-69-4	Trichlorofluoromethane	100	0.27	U	
108-05-4	Vinyl acetate	100	0.27	U	UJ
75-01-4	Vinyl Chloride	100	0.27	U	
1330-20-7	Xylenes, Total	100	3.3	D	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.5	99.1	77 - 125	D
SURR: Toluene-d8	50.0	47.6	95.2	85 - 120	D
SURR: p-Bromofluorobenzene	50.0	56.2	112	76 - 130	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	153174	5.915	153393	5.916	
ISTD: Chlorobenzene-d5	599463	8.97	604553	8.97	
ISTD: 1,2-Dichlorobenzene-d4	272656	11.981	299260	11.975	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID: V11C016076.D

Sampled: 03/18/24 15:09 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:31

Solids: 91.94 Preparation: EPA 5035A Initial/Final: 5.59 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0049	U	
71-55-6	1,1,1-Trichloroethane	1	0.0049	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0049	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0049	U	
79-00-5	1,1,2-Trichloroethane	1	0.0049	U	
75-34-3	1,1-Dichloroethane	1	0.0049	U	
75-35-4	1,1-Dichloroethylene	1	0.0049	U	
563-58-6	1,1-Dichloropropylene	1	0.0049	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0049	U	
96-18-4	1,2,3-Trichloropropane	1	0.0049	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0049	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0049	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0049	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0049	U	
106-93-4	1,2-Dibromoethane	1	0.0049	U	
95-50-1	1,2-Dichlorobenzene	1	0.0049	U	
107-06-2	1,2-Dichloroethane	1	0.0049	U	
78-87-5	1,2-Dichloropropane	1	0.0049	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0049	U	
541-73-1	1,3-Dichlorobenzene	1	0.0049	U	
142-28-9	1,3-Dichloropropane	1	0.0049	U	
106-46-7	1,4-Dichlorobenzene	1	0.0049	U	
123-91-1	1,4-Dioxane	1	~~0.097~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0049	U	
78-93-3	2-Butanone	1	0.0038	J	
110-75-8	2-Chloroethylvinyl ether	1	0.019	U	
95-49-8	2-Chlorotoluene	1	0.0049	U	
591-78-6	2-Hexanone	1	0.0049	U	
106-43-4	4-Chlorotoluene	1	0.0049	U	
108-10-1	4-Methyl-2-pentanone	1	0.0049	U	
67-64-1	Acetone	1	0.015		J
107-02-8	Acrolein	1	0.0097	U	
107-13-1	Acrylonitrile	1	0.0049	U	
71-43-2	Benzene	1	0.0049	U	
108-86-1	Bromobenzene	1	0.0049	U	
74-97-5	Bromochloromethane	1	0.0049	U	
75-27-4	Bromodichloromethane	1	0.0049	U	
75-25-2	Bromoform	1	0.0049	U	
74-83-9	Bromomethane	1	0.0049	U	
75-15-0	Carbon disulfide	1	0.0049	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID: V11C016076.D

Sampled: 03/18/24 15:09 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:31

Solids: 91.94 Preparation: EPA 5035A Initial/Final: 5.59 g / 5 ml

Batch: BC41618 Sequence: S4C2511 Calibration: SC40040 Instrument: VOA#11

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0049	U	
108-90-7	Chlorobenzene	1	0.0049	U	
75-00-3	Chloroethane	1	0.0049	U	
67-66-3	Chloroform	1	0.0049	U	
74-87-3	Chloromethane	1	0.0049	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0049	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0049	U	
110-82-7	Cyclohexane	1	0.0049	U	
124-48-1	Dibromochloromethane	1	0.0049	U	
74-95-3	Dibromomethane	1	0.0049	U	
75-71-8	Dichlorodifluoromethane	1	0.0049	U	UJ
108-20-3	Diisopropyl ether (DIPE)	1	0.0078	U	
64-17-5	Ethanol	1	0.078	U	UJ
100-41-4	Ethyl Benzene	1	0.0049	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0078	U	
87-68-3	Hexachlorobutadiene	1	0.0049	U	
74-88-4	Iodomethane	1	0.0049	U	
98-82-8	Isopropylbenzene	1	0.0049	U	
79-20-9	Methyl acetate	1	0.0049	U	
80-62-6	Methyl Methacrylate	1	0.0049	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0049	U	
108-87-2	Methylcyclohexane	1	0.0049	U	
75-09-2	Methylene chloride	1	0.0097	U	
91-20-3	Naphthalene	1	0.0097	U	
104-51-8	n-Butylbenzene	1	0.0049	U	
103-65-1	n-Propylbenzene	1	0.0049	U	
95-47-6	o-Xylene	1	0.0049	U	
179601-23-1	p- & m- Xylenes	1	0.0097	U	
105-05-5	p-Diethylbenzene	1	0.0049	U	
622-96-8	p-Ethyltoluene	1	0.0049	U	
99-87-6	p-Isopropyltoluene	1	0.0049	U	
135-98-8	sec-Butylbenzene	1	0.0049	U	
100-42-5	Styrene	1	0.0049	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.078	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0078	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0049	U	
98-06-6	tert-Butylbenzene	1	0.0049	U	
127-18-4	Tetrachloroethylene	1	0.0049	U	UJ
109-99-9	Tetrahydrofuran	1	0.0097	U	
108-88-3	Toluene	1	0.0049	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB10A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-06	File ID:	V11C016076.D
Sampled:	03/18/24 15:09	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 18:31
Solids:	91.94	Preparation:	EPA 5035A	Initial/Final:	5.59 g / 5 ml
Batch:	BC41618	Sequence:	S4C2511	Calibration:	SC40040
Instrument:	VOA#11				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0049	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0049	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0049	U	
79-01-6	Trichloroethylene	1	0.0049	U	
75-69-4	Trichlorofluoromethane	1	0.0049	U	UJ
108-05-4	Vinyl acetate	1	0.0049	U	UJ
75-01-4	Vinyl Chloride	1	0.0049	U	
1330-20-7	Xylenes, Total	1	0.015	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	48.9	97.8	77 - 125	
SURR: Toluene-d8	50.0	54.1	108	85 - 120	
SURR: p-Bromofluorobenzene	50.0	53.6	107	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	527995	6.103	526067	6.103	
ISTD: Chlorobenzene-d5	1948076	9.152	1974222	9.153	
ISTD: 1,2-Dichlorobenzene-d4	779345	12.153	867337	12.153	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-07 File ID: V2627668.D

Sampled: 03/18/24 15:24 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:46

Solids: 75.00 Preparation: EPA 5035A Initial/Final: 6.23 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0054	U
71-55-6	1,1,1-Trichloroethane	1	0.0054	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0054	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0054	U
79-00-5	1,1,2-Trichloroethane	1	0.0054	U
75-34-3	1,1-Dichloroethane	1	0.0054	U
75-35-4	1,1-Dichloroethylene	1	0.0054	U
563-58-6	1,1-Dichloropropylene	1	0.0054	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0054	U
96-18-4	1,2,3-Trichloropropane	1	0.0054	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0054	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0054	U
95-63-6	1,2,4-Trimethylbenzene	1	0.15	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0054	U
106-93-4	1,2-Dibromoethane	1	0.0054	U
95-50-1	1,2-Dichlorobenzene	1	0.0054	U
107-06-2	1,2-Dichloroethane	1	0.0054	U
78-87-5	1,2-Dichloropropane	1	0.0054	U
108-67-8	1,3,5-Trimethylbenzene	1	0.044	
541-73-1	1,3-Dichlorobenzene	1	0.0054	U
142-28-9	1,3-Dichloropropane	1	0.0054	U
106-46-7	1,4-Dichlorobenzene	1	0.0054	U
123-91-1	1,4-Dioxane	1	~~0.11~~	U R
594-20-7	2,2-Dichloropropane	1	0.0054	U
78-93-3	2-Butanone	1	0.0054	U
110-75-8	2-Chloroethylvinyl ether	1	0.021	U
95-49-8	2-Chlorotoluene	1	0.0054	U
591-78-6	2-Hexanone	1	0.0054	U
106-43-4	4-Chlorotoluene	1	0.0054	U
108-10-1	4-Methyl-2-pentanone	1	0.0054	U
67-64-1	Acetone	1	0.011	U
107-02-8	Acrolein	1	0.011	U
107-13-1	Acrylonitrile	1	0.0054	U
71-43-2	Benzene	1	0.0028	J
108-86-1	Bromobenzene	1	0.0054	U
74-97-5	Bromochloromethane	1	0.0054	U
75-27-4	Bromodichloromethane	1	0.0054	U
75-25-2	Bromoform	1	0.0054	U
74-83-9	Bromomethane	1	0.0054	U
75-15-0	Carbon disulfide	1	0.0054	U

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-07 File ID: V2627668.D

Sampled: 03/18/24 15:24 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:46

Solids: 75.00 Preparation: EPA 5035A Initial/Final: 6.23 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0054	U	
108-90-7	Chlorobenzene	1	0.0034	J	
75-00-3	Chloroethane	1	0.0054	U	
67-66-3	Chloroform	1	0.0054	U	
74-87-3	Chloromethane	1	0.0054	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0054	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0054	U	
110-82-7	Cyclohexane	1	0.0054	U	
124-48-1	Dibromochloromethane	1	0.0054	U	
74-95-3	Dibromomethane	1	0.0054	U	
75-71-8	Dichlorodifluoromethane	1	0.0054	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0086	U	
64-17-5	Ethanol	1	0.086	U	UJ
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0086	U	
87-68-3	Hexachlorobutadiene	1	0.0054	U	
74-88-4	Iodomethane	1	0.0054	U	
98-82-8	Isopropylbenzene	1	0.012		
79-20-9	Methyl acetate	1	0.0054	U	
80-62-6	Methyl Methacrylate	1	0.0054	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0054	U	
108-87-2	Methylcyclohexane	1	0.0054	U	
75-09-2	Methylene chloride	1	0.011	U	
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0054	U	
103-65-1	n-Propylbenzene	1	0.027		
105-05-5	p-Diethylbenzene	1	0.0054		
622-96-8	p-Ethyltoluene	1	0.044		
99-87-6	p-Isopropyltoluene	1	0.0054	U	
135-98-8	sec-Butylbenzene	1	0.0054	U	
100-42-5	Styrene	1	0.011		
75-85-4	tert-Amyl alcohol (TAA)	1	0.086	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0086	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0054	U	
98-06-6	tert-Butylbenzene	1	0.0054	U	
127-18-4	Tetrachloroethylene	1	0.0054	U	UJ
109-99-9	Tetrahydrofuran	1	0.011	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.0054	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0054	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0054	U	
79-01-6	Trichloroethylene	1	0.0054	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07	File ID:	V2627668.D
Sampled:	03/18/24 15:24	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 15:46
Solids:	75.00	Preparation:	EPA 5035A	Initial/Final:	6.23 g / 5 ml
Batch:	BC41615	Sequence:	S4C2518	Calibration:	SC40034
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
75-69-4	Trichlorofluoromethane	1	0.0054	U
108-05-4	Vinyl acetate	1	0.0054	U
75-01-4	Vinyl Chloride	1	0.0054	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	51.2	102	77 - 125	
SURR: Toluene-d8	50.0	47.5	95.0	85 - 120	
SURR: p-Bromofluorobenzene	50.0	50.5	101	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	143413	5.916	146908	5.915	
ISTD: Chlorobenzene-d5	588931	8.97	600330	8.97	
ISTD: 1,2-Dichlorobenzene-d4	278692	11.981	271663	11.975	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07RE1	File ID:	V3181528.D
Sampled:	03/18/24 15:24	Prepared:	03/25/24 09:00	Analyzed:	03/25/24 15:47
Solids:	75.00	Preparation:	EPA 5035A	Initial/Final:	4.88 g / 5 ml
Batch:	BC41760	Sequence:	S4C2606	Calibration:	SC40033
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
100-41-4	Ethyl Benzene	100	10	D
95-47-6	o-Xylene	100	6.1	D
179601-23-1	p- & m- Xylenes	100	30	D
108-88-3	Toluene	100	9.5	D
1330-20-7	Xylenes, Total	100	36	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	59.7	119	77 - 125	D
SURR: Toluene-d8	50.0	48.0	96.1	85 - 120	D
SURR: p-Bromofluorobenzene	50.0	46.8	93.6	76 - 130	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	96070	5.813	106236	5.816	
ISTD: Chlorobenzene-d5	336352	8.846	360775	8.845	
ISTD: 1,2-Dichlorobenzene-d4	142949	11.83	151266	11.83	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB11A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-08 File ID: V2627669.D

Sampled: 03/18/24 12:10 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:13

Solids: 92.02 Preparation: EPA 5035A Initial/Final: 5.59 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0049	U	
71-55-6	1,1,1-Trichloroethane	1	0.0049	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0049	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0049	U	
79-00-5	1,1,2-Trichloroethane	1	0.0049	U	
75-34-3	1,1-Dichloroethane	1	0.0049	U	
75-35-4	1,1-Dichloroethylene	1	0.0049	U	
563-58-6	1,1-Dichloropropylene	1	0.0049	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0049	U	
96-18-4	1,2,3-Trichloropropane	1	0.0049	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0049	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0049	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0049	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0049	U	
106-93-4	1,2-Dibromoethane	1	0.0049	U	
95-50-1	1,2-Dichlorobenzene	1	0.0049	U	
107-06-2	1,2-Dichloroethane	1	0.0049	U	
78-87-5	1,2-Dichloropropane	1	0.0049	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0049	U	
541-73-1	1,3-Dichlorobenzene	1	0.0049	U	
142-28-9	1,3-Dichloropropane	1	0.0049	U	
106-46-7	1,4-Dichlorobenzene	1	0.0049	U	
123-91-1	1,4-Dioxane	1	~~0.097~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0049	U	
78-93-3	2-Butanone	1	0.0049	U	
110-75-8	2-Chloroethylvinyl ether	1	0.019	U	
95-49-8	2-Chlorotoluene	1	0.0049	U	
591-78-6	2-Hexanone	1	0.0049	U	
106-43-4	4-Chlorotoluene	1	0.0049	U	
108-10-1	4-Methyl-2-pentanone	1	0.0049	U	
67-64-1	Acetone	1	0.011		
107-02-8	Acrolein	1	0.0097	U	
107-13-1	Acrylonitrile	1	0.0049	U	
71-43-2	Benzene	1	0.0049	U	
108-86-1	Bromobenzene	1	0.0049	U	
74-97-5	Bromochloromethane	1	0.0049	U	
75-27-4	Bromodichloromethane	1	0.0049	U	
75-25-2	Bromoform	1	0.0049	U	
74-83-9	Bromomethane	1	0.0049	U	
75-15-0	Carbon disulfide	1	0.0049	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB11A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-08 File ID: V2627669.D

Sampled: 03/18/24 12:10 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:13

Solids: 92.02 Preparation: EPA 5035A Initial/Final: 5.59 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0049	U	
108-90-7	Chlorobenzene	1	0.0049	U	
75-00-3	Chloroethane	1	0.0049	U	
67-66-3	Chloroform	1	0.0049	U	
74-87-3	Chloromethane	1	0.0049	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0049	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0049	U	
110-82-7	Cyclohexane	1	0.0049	U	
124-48-1	Dibromochloromethane	1	0.0049	U	
74-95-3	Dibromomethane	1	0.0049	U	
75-71-8	Dichlorodifluoromethane	1	0.0049	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0078	U	
64-17-5	Ethanol	1	0.078	U	UJ
100-41-4	Ethyl Benzene	1	0.0049	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0078	U	
87-68-3	Hexachlorobutadiene	1	0.0049	U	
74-88-4	Iodomethane	1	0.0049	U	
98-82-8	Isopropylbenzene	1	0.0049	U	
79-20-9	Methyl acetate	1	0.0049	U	
80-62-6	Methyl Methacrylate	1	0.0049	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0049	U	
108-87-2	Methylcyclohexane	1	0.0049	U	
75-09-2	Methylene chloride	1	0.0097	U	
91-20-3	Naphthalene	1	0.0097	U	
104-51-8	n-Butylbenzene	1	0.0049	U	
103-65-1	n-Propylbenzene	1	0.0049	U	
95-47-6	o-Xylene	1	0.0049	U	
179601-23-1	p- & m- Xylenes	1	0.0097	U	
105-05-5	p-Diethylbenzene	1	0.0049	U	
622-96-8	p-Ethyltoluene	1	0.0049	U	
99-87-6	p-Isopropyltoluene	1	0.0049	U	
135-98-8	sec-Butylbenzene	1	0.0049	U	
100-42-5	Styrene	1	0.0049	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.078	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0078	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0049	U	
98-06-6	tert-Butylbenzene	1	0.0049	U	
127-18-4	Tetrachloroethylene	1	0.0049	U	UJ
109-99-9	Tetrahydrofuran	1	0.0097	U	
108-88-3	Toluene	1	0.0049	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB11A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-08	File ID:	V2627669.D
Sampled:	03/18/24 12:10	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 16:13
Solids:	92.02	Preparation:	EPA 5035A	Initial/Final:	5.59 g / 5 ml
Batch:	BC41615	Sequence:	S4C2518	Calibration:	SC40034
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
156-60-5	trans-1,2-Dichloroethylene	1	0.0049	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.0049	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.0049	U
79-01-6	Trichloroethylene	1	0.0049	U
75-69-4	Trichlorofluoromethane	1	0.0049	U
108-05-4	Vinyl acetate	1	0.0049	U
75-01-4	Vinyl Chloride	1	0.0049	U
1330-20-7	Xylenes, Total	1	0.015	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.8	102	77 - 125	
SURR: Toluene-d8	50.0	48.1	96.2	85 - 120	
SURR: p-Bromofluorobenzene	50.0	54.7	109	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	147498	5.915	146908	5.915	
ISTD: Chlorobenzene-d5	598690	8.97	600330	8.97	
ISTD: 1,2-Dichlorobenzene-d4	261911	11.981	271663	11.975	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB11B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-09 File ID: V3181532.D

Sampled: 03/18/24 12:18 Prepared: 03/25/24 09:00 Analyzed: 03/25/24 17:32

Solids: 87.84 Preparation: EPA 5035A Initial/Final: 5.67 g / 5 ml

Batch: BC41760 Sequence: S4C2539 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0050	U	
71-55-6	1,1,1-Trichloroethane	1	0.0050	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0050	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0050	U	
79-00-5	1,1,2-Trichloroethane	1	0.0050	U	
75-34-3	1,1-Dichloroethane	1	0.0050	U	
75-35-4	1,1-Dichloroethylene	1	0.0050	U	
563-58-6	1,1-Dichloropropylene	1	0.0050	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0050	U	
96-18-4	1,2,3-Trichloropropane	1	0.0050	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0050	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0050	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0050	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0050	U	
106-93-4	1,2-Dibromoethane	1	0.0050	U	
95-50-1	1,2-Dichlorobenzene	1	0.0050	U	
107-06-2	1,2-Dichloroethane	1	0.0050	U	
78-87-5	1,2-Dichloropropane	1	0.0050	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0050	U	
541-73-1	1,3-Dichlorobenzene	1	0.0050	U	
142-28-9	1,3-Dichloropropane	1	0.0050	U	
106-46-7	1,4-Dichlorobenzene	1	0.0050	U	
123-91-1	1,4-Dioxane	1	~~0.10~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0050	U	
78-93-3	2-Butanone	1	0.0050	U	
110-75-8	2-Chloroethylvinyl ether	1	0.020	U	
95-49-8	2-Chlorotoluene	1	0.0050	U	
591-78-6	2-Hexanone	1	0.0050	U	
106-43-4	4-Chlorotoluene	1	0.0050	U	
108-10-1	4-Methyl-2-pentanone	1	0.0050	U	
67-64-1	Acetone	1	0.014		
107-02-8	Acrolein	1	0.010	U	
107-13-1	Acrylonitrile	1	0.0050	U	
71-43-2	Benzene	1	0.0050	U	
108-86-1	Bromobenzene	1	0.0050	U	
74-97-5	Bromochloromethane	1	0.0050	U	
75-27-4	Bromodichloromethane	1	0.0050	U	
75-25-2	Bromoform	1	0.0050	U	
74-83-9	Bromomethane	1	0.0050	U	UJ
75-15-0	Carbon disulfide	1	0.0050	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB11B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-09 File ID: V3181532.D

Sampled: 03/18/24 12:18 Prepared: 03/25/24 09:00 Analyzed: 03/25/24 17:32

Solids: 87.84 Preparation: EPA 5035A Initial/Final: 5.67 g / 5 ml

Batch: BC41760 Sequence: S4C2539 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0050	U	
108-90-7	Chlorobenzene	1	0.0074		
75-00-3	Chloroethane	1	0.0050	U	
67-66-3	Chloroform	1	0.0050	U	
74-87-3	Chloromethane	1	0.0050	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0050	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0050	U	
110-82-7	Cyclohexane	1	0.0033	J	
124-48-1	Dibromochloromethane	1	0.0050	U	
74-95-3	Dibromomethane	1	0.0050	U	
75-71-8	Dichlorodifluoromethane	1	0.0050	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0080	U	
64-17-5	Ethanol	1	0.080	U	UJ
100-41-4	Ethyl Benzene	1	0.0050	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0080	U	
87-68-3	Hexachlorobutadiene	1	0.0050	U	
74-88-4	Iodomethane	1	0.0050	U	
98-82-8	Isopropylbenzene	1	0.0033	J	
79-20-9	Methyl acetate	1	0.0050	U	
80-62-6	Methyl Methacrylate	1	0.0050	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0050	U	
108-87-2	Methylcyclohexane	1	0.0050	U	
75-09-2	Methylene chloride	1	0.0051	J	
91-20-3	Naphthalene	1	0.010	U	UJ
104-51-8	n-Butylbenzene	1	0.0050	U	
103-65-1	n-Propylbenzene	1	0.0050	U	
95-47-6	o-Xylene	1	0.0050	U	
179601-23-1	p- & m- Xylenes	1	0.010	U	
105-05-5	p-Diethylbenzene	1	0.0050	U	
622-96-8	p-Ethyltoluene	1	0.0050	U	
99-87-6	p-Isopropyltoluene	1	0.0050	U	
135-98-8	sec-Butylbenzene	1	0.0050	U	
100-42-5	Styrene	1	0.0050	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.080	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0080	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0050	U	
98-06-6	tert-Butylbenzene	1	0.0050	U	
127-18-4	Tetrachloroethylene	1	0.0050	U	UJ
109-99-9	Tetrahydrofuran	1	0.010	U	
108-88-3	Toluene	1	0.0050	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB11B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-09	File ID:	V3181532.D
Sampled:	03/18/24 12:18	Prepared:	03/25/24 09:00	Analyzed:	03/25/24 17:32
Solids:	87.84	Preparation:	EPA 5035A	Initial/Final:	5.67 g / 5 ml
Batch:	BC41760	Sequence:	S4C2539	Calibration:	SC40032
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0050	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0050	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0050	U	
79-01-6	Trichloroethylene	1	0.0050	U	
75-69-4	Trichlorofluoromethane	1	0.0050	U	
108-05-4	Vinyl acetate	1	0.0050	U	UJ
75-01-4	Vinyl Chloride	1	0.0050	U	
1330-20-7	Xylenes, Total	1	0.015	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	60.1	120	77 - 125	
SURR: Toluene-d8	50.0	48.2	96.4	85 - 120	
SURR: p-Bromofluorobenzene	50.0	49.7	99.5	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	91779	5.82	105386	5.816	
ISTD: Chlorobenzene-d5	320703	8.846	357212	8.846	
ISTD: 1,2-Dichlorobenzene-d4	136921	11.83	149983	11.83	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB12A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-10 File ID: V2627671.D

Sampled: 03/18/24 10:55 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:08

Solids: 94.32 Preparation: EPA 5035A Initial/Final: 5.98 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0044	U	
71-55-6	1,1,1-Trichloroethane	1	0.0044	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0044	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0044	U	
79-00-5	1,1,2-Trichloroethane	1	0.0044	U	
75-34-3	1,1-Dichloroethane	1	0.0044	U	
75-35-4	1,1-Dichloroethylene	1	0.0044	U	
563-58-6	1,1-Dichloropropylene	1	0.0044	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0044	U	
96-18-4	1,2,3-Trichloropropane	1	0.0044	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0044	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0044	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0044	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0044	U	
106-93-4	1,2-Dibromoethane	1	0.0044	U	
95-50-1	1,2-Dichlorobenzene	1	0.0044	U	
107-06-2	1,2-Dichloroethane	1	0.0044	U	
78-87-5	1,2-Dichloropropane	1	0.0044	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0044	U	
541-73-1	1,3-Dichlorobenzene	1	0.0044	U	
142-28-9	1,3-Dichloropropane	1	0.0044	U	
106-46-7	1,4-Dichlorobenzene	1	0.0044	U	
123-91-1	1,4-Dioxane	1	~~0.089~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0044	U	
78-93-3	2-Butanone	1	0.0044	U	
110-75-8	2-Chloroethylvinyl ether	1	0.018	U	
95-49-8	2-Chlorotoluene	1	0.0044	U	
591-78-6	2-Hexanone	1	0.0044	U	
106-43-4	4-Chlorotoluene	1	0.0044	U	
108-10-1	4-Methyl-2-pentanone	1	0.0044	U	
67-64-1	Acetone	1	0.0080	J	
107-02-8	Acrolein	1	0.0089	U	
107-13-1	Acrylonitrile	1	0.0044	U	
71-43-2	Benzene	1	0.0044	U	
108-86-1	Bromobenzene	1	0.0044	U	
74-97-5	Bromochloromethane	1	0.0044	U	
75-27-4	Bromodichloromethane	1	0.0044	U	
75-25-2	Bromoform	1	0.0044	U	
74-83-9	Bromomethane	1	0.0044	U	
75-15-0	Carbon disulfide	1	0.0044	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB12A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-10	File ID:	V2627671.D
Sampled:	03/18/24 10:55	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 17:08
Solids:	94.32	Preparation:	EPA 5035A	Initial/Final:	5.98 g / 5 ml
Batch:	BC41615	Sequence:	S4C2518	Calibration:	SC40034
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0044	U	
108-90-7	Chlorobenzene	1	0.0044	U	
75-00-3	Chloroethane	1	0.0044	U	
67-66-3	Chloroform	1	0.0044	U	
74-87-3	Chloromethane	1	0.0044	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0044	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0044	U	
110-82-7	Cyclohexane	1	0.0044	U	
124-48-1	Dibromochloromethane	1	0.0044	U	
74-95-3	Dibromomethane	1	0.0044	U	
75-71-8	Dichlorodifluoromethane	1	0.0044	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0071	U	
64-17-5	Ethanol	1	0.071	U	UJ
100-41-4	Ethyl Benzene	1	0.0044	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0071	U	
87-68-3	Hexachlorobutadiene	1	0.0044	U	
74-88-4	Iodomethane	1	0.0044	U	
98-82-8	Isopropylbenzene	1	0.0044	U	
79-20-9	Methyl acetate	1	0.0044	U	
80-62-6	Methyl Methacrylate	1	0.0044	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0044	U	
108-87-2	Methylcyclohexane	1	0.0044	U	
75-09-2	Methylene chloride	1	0.0089	U	
91-20-3	Naphthalene	1	0.0089	U	
104-51-8	n-Butylbenzene	1	0.0044	U	
103-65-1	n-Propylbenzene	1	0.0044	U	
95-47-6	o-Xylene	1	0.0044	U	
179601-23-1	p- & m- Xylenes	1	0.0089	U	
105-05-5	p-Diethylbenzene	1	0.0044	U	
622-96-8	p-Ethyltoluene	1	0.0044	U	
99-87-6	p-Isopropyltoluene	1	0.0044	U	
135-98-8	sec-Butylbenzene	1	0.0044	U	
100-42-5	Styrene	1	0.0044	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.071	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0071	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0044	U	
98-06-6	tert-Butylbenzene	1	0.0044	U	
127-18-4	Tetrachloroethylene	1	0.0044	U	UJ
109-99-9	Tetrahydrofuran	1	0.0089	U	
108-88-3	Toluene	1	0.0044	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB12A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-10	File ID:	V2627671.D
Sampled:	03/18/24 10:55	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 17:08
Solids:	94.32	Preparation:	EPA 5035A	Initial/Final:	5.98 g / 5 ml
Batch:	BC41615	Sequence:	S4C2518	Calibration:	SC40034
Instrument:	MS VOA 2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
156-60-5	trans-1,2-Dichloroethylene	1	0.0044	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.0044	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.0044	U
79-01-6	Trichloroethylene	1	0.0044	U
75-69-4	Trichlorofluoromethane	1	0.0044	U
108-05-4	Vinyl acetate	1	0.0044	U
75-01-4	Vinyl Chloride	1	0.0044	U
1330-20-7	Xylenes, Total	1	0.013	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.0	99.9	77 - 125	
SURR: Toluene-d8	50.0	48.3	96.5	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.2	104	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	163724	5.916	146908	5.915	
ISTD: Chlorobenzene-d5	667098	8.97	600330	8.97	
ISTD: 1,2-Dichlorobenzene-d4	301004	11.982	271663	11.975	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
CLASS: VOA
METHOD: EPA 8260D

DATA PACKAGE COVER PAGE

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Trip Blank	24C1132-11

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 4/23/2024 Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 24C1132-11 File ID: V10C03231.D

Sampled: 03/18/24 16:30 Prepared: 03/20/24 08:00 Analyzed: 03/20/24 16:16

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41426 Sequence: S4C2029 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	UJ
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	UJ
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	UJ
107-02-8	Acrolein	1	0.500	U	
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 24C1132-11 File ID: V10C03231.D

Sampled: 03/18/24 16:30 Prepared: 03/20/24 08:00 Analyzed: 03/20/24 16:16

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41426 Sequence: S4C2029 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00	U	
104-51-8	n-Butylbenzene	1	0.500	U	UJ
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	UJ
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.500	U	UJ
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 24C1132-11 File ID: V10C03231.D

Sampled: 03/18/24 16:30 Prepared: 03/20/24 08:00 Analyzed: 03/20/24 16:16

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41426 Sequence: S4C2029 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U UJ
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.87	98.7	69 - 130	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	
SURR: p-Bromofluorobenzene	10.0	11.0	110	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	164171	6.486	179476	6.486	
ISTD: Chlorobenzene-d5	712910	9.553	781843	9.556	
ISTD: 1,2-Dichlorobenzene-d4	245183	12.575	298884	12.575	

* Values outside of QC limits

MKP 5/9/2024

York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
CLASS: SVOA
METHOD: EPA 8270D

DATA PACKAGE COVER PAGE

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB8B	24C1132-02RE1
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB9C	24C1132-05RE1
SB9C	24C1132-05RE2
SB10A	24C1132-06
SB10B	24C1132-07
SB10B	24C1132-07RE1
SB11A	24C1132-08
SB11B	24C1132-09
SB12A	24C1132-10

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/24/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID: SV4415597.D

Sampled: 03/18/24 11:40 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 16:14

Solids: 91.33 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0901	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.180	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0901	U	
95-50-1	1,2-Dichlorobenzene	2	0.0901	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0901	U	
541-73-1	1,3-Dichlorobenzene	2	0.0901	U	
106-46-7	1,4-Dichlorobenzene	2	0.0901	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.180	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0901	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0901	U	
120-83-2	2,4-Dichlorophenol	2	0.0901	U	
105-67-9	2,4-Dimethylphenol	2	0.0901	U	
51-28-5	2,4-Dinitrophenol	2	0.180	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0901	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0901	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0901	U	
95-57-8	2-Chlorophenol	2	0.0901	U	
91-57-6	2-Methylnaphthalene	2	0.0901	U	
95-48-7	2-Methylphenol	2	0.0901	U	
88-74-4	2-Nitroaniline	2	0.180	U	UJ
88-75-5	2-Nitrophenol	2	0.0901	U	
65794-96-9	3- & 4-Methylphenols	2	0.0901	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0901	U	UJ
99-09-2	3-Nitroaniline	2	0.180	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.180	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0901	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0901	U	
106-47-8	4-Chloroaniline	2	0.0901	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0901	U	
100-01-6	4-Nitroaniline	2	0.180	U	UJ
100-02-7	4-Nitrophenol	2	0.180	U	
83-32-9	Acenaphthene	2	0.0901	U	
208-96-8	Acenaphthylene	2	0.0901	U	
98-86-2	Acetophenone	2	0.0901	U	
62-53-3	Aniline	2	0.361	U	
120-12-7	Anthracene	2	0.0901	U	
1912-24-9	Atrazine	2	0.0901	U	
100-52-7	Benzaldehyde	2	0.0901	U	
92-87-5	Benzidine	2	0.361	U	UJ
56-55-3	Benzo(a)anthracene	2	0.152	D	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID: SV4415597.D

Sampled: 03/18/24 11:40 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 16:14

Solids: 91.33 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.166	D	J
205-99-2	Benzo(b)fluoranthene	2	0.180	D	J
191-24-2	Benzo(g,h,i)perylene	2	0.125	D	
207-08-9	Benzo(k)fluoranthene	2	0.144	D	
65-85-0	Benzoic acid	2	0.0901	U	UJ
100-51-6	Benzyl alcohol	2	0.0901	U	
85-68-7	Benzyl butyl phthalate	2	0.0901	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.0901	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0901	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0901	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.132	D	J
105-60-2	Caprolactam	2	0.180	U	
86-74-8	Carbazole	2	0.0901	U	
218-01-9	Chrysene	2	0.176	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.0901	U	
132-64-9	Dibenzofuran	2	0.0901	U	
84-66-2	Diethyl phthalate	2	0.0901	U	
131-11-3	Dimethyl phthalate	2	0.0901	U	
84-74-2	Di-n-butyl phthalate	2	0.0901	U	
117-84-0	Di-n-octyl phthalate	2	0.0901	U	UJ
206-44-0	Fluoranthene	2	0.326	D	
86-73-7	Fluorene	2	0.0901	U	
118-74-1	Hexachlorobenzene	2	0.0901	U	
87-68-3	Hexachlorobutadiene	2	0.0901	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0901	U	UJ
67-72-1	Hexachloroethane	2	0.0901	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.129	D	
78-59-1	Isophorone	2	0.0901	U	
91-20-3	Naphthalene	2	0.0901	U	
98-95-3	Nitrobenzene	2	0.0901	U	
62-75-9	N-Nitrosodimethylamine	2	0.0901	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0901	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0901	U	
87-86-5	Pentachlorophenol	2	0.0901	U	UJ
85-01-8	Phenanthrene	2	0.0901	U	
108-95-2	Phenol	2	0.0901	U	
129-00-0	Pyrene	2	0.276	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.80	1.14	63.4	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1132

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1132-01 | File ID: SV4415597.D

Sampled: 03/18/24 11:40 | Prepared: 03/21/24 08:03 | Analyzed: 03/21/24 16:14

Solids: 91.33 | Preparation: EPA 3550C | Initial/Final: 30.4 g / 1 mL

Batch: BC41496 | Sequence: S4C2152 | Calibration: SB40037 | Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.80	1.28	71.0	23 - 114	
SURR: Nitrobenzene-d5	0.900	0.632	70.2	22 - 108	
SURR: 2-Fluorobiphenyl	0.900	0.601	66.7	21 - 113	
SURR: 2,4,6-Tribromophenol	1.80	1.42	78.9	19 - 110	
SURR: Terphenyl-d14	0.900	0.678	75.3	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	262247	5.403	237225	5.403	
ISTD: Naphthalene-d8	1042242	6.497	858846	6.497	
ISTD: Acenaphthene-d10	678353	8.358	491728	8.358	
ISTD: Phenanthrene-d10	914957	10.22	727932	10.22	
ISTD: Chrysene-d12	700688	15.055	586762	15.049	
ISTD: Perylene-d12	707431	18.103	661412	18.08	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID: SV4415598.D

Sampled: 03/18/24 11:48 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 16:43

Solids: 90.48 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0919	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.184	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0919	U	
95-50-1	1,2-Dichlorobenzene	2	0.0565	JD	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0919	U	
541-73-1	1,3-Dichlorobenzene	2	0.0919	U	
106-46-7	1,4-Dichlorobenzene	2	0.416	D	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.184	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0919	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0919	U	
120-83-2	2,4-Dichlorophenol	2	0.0919	U	
105-67-9	2,4-Dimethylphenol	2	0.0919	U	
51-28-5	2,4-Dinitrophenol	2	0.184	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0919	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0919	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0919	U	
95-57-8	2-Chlorophenol	2	0.0919	U	
91-57-6	2-Methylnaphthalene	2	0.602	D	
95-48-7	2-Methylphenol	2	0.0919	U	
88-74-4	2-Nitroaniline	2	0.184	U	UJ
88-75-5	2-Nitrophenol	2	0.0919	U	
65794-96-9	3- & 4-Methylphenols	2	0.0919	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0919	U	UJ
99-09-2	3-Nitroaniline	2	0.184	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.184	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0919	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0919	U	
106-47-8	4-Chloroaniline	2	0.0919	U	UJ
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0919	U	
100-01-6	4-Nitroaniline	2	0.184	U	
100-02-7	4-Nitrophenol	2	0.184	U	
83-32-9	Acenaphthene	2	0.0874	JD	
208-96-8	Acenaphthylene	2	0.0919	U	
98-86-2	Acetophenone	2	0.116	D	
62-53-3	Aniline	2	0.368	U	
120-12-7	Anthracene	2	0.0815	JD	
1912-24-9	Atrazine	2	0.0919	U	
100-52-7	Benzaldehyde	2	0.0919	U	
92-87-5	Benzidine	2	0.368	U	UJ
56-55-3	Benzo(a)anthracene	2	0.259	D	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID: SV4415598.D

Sampled: 03/18/24 11:48 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 16:43

Solids: 90.48 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.280	D	J
205-99-2	Benzo(b)fluoranthene	2	0.205	D	J
191-24-2	Benzo(g,h,i)perylene	2	0.153	D	
207-08-9	Benzo(k)fluoranthene	2	0.191	D	
65-85-0	Benzoic acid	2	0.0919	U	UJ
100-51-6	Benzyl alcohol	2	0.0919	U	
85-68-7	Benzyl butyl phthalate	2	0.624	D	J
111-91-1	Bis(2-chloroethoxy)methane	2	0.0919	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0919	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0919	U	
105-60-2	Caprolactam	2	0.184	U	
86-74-8	Carbazole	2	0.0617	JD	
218-01-9	Chrysene	2	0.281	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.0919	U	
132-64-9	Dibenzofuran	2	0.0654	JD	
84-66-2	Diethyl phthalate	2	0.0881	JD	
131-11-3	Dimethyl phthalate	2	0.0919	U	
84-74-2	Di-n-butyl phthalate	2	1.08	D	
117-84-0	Di-n-octyl phthalate	2	0.0919	U	UJ
206-44-0	Fluoranthene	2	0.746	D	
86-73-7	Fluorene	2	0.0918	JD	
118-74-1	Hexachlorobenzene	2	0.0919	U	
87-68-3	Hexachlorobutadiene	2	0.0919	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0919	U	UJ
67-72-1	Hexachloroethane	2	0.0919	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.137	D	
78-59-1	Isophorone	2	0.0919	U	
91-20-3	Naphthalene	2	0.260	D	
98-95-3	Nitrobenzene	2	0.0919	U	
62-75-9	N-Nitrosodimethylamine	2	0.0919	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0919	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0919	U	
87-86-5	Pentachlorophenol	2	0.0919	U	UJ
85-01-8	Phenanthrene	2	0.902	D	
108-95-2	Phenol	2	0.0919	U	
129-00-0	Pyrene	2	0.673	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.84	0.672	36.6	20 - 108	
SURR: Phenol-d6	1.84	0.824	44.9	23 - 114	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02	File ID:	SV4415598.D
Sampled:	03/18/24 11:48	Prepared:	03/21/24 08:03	Analyzed:	03/21/24 16:43
Solids:	90.48	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41496	Sequence:	S4C2152	Calibration:	SB40037
Instrument:	BNA #4				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Nitrobenzene-d5	0.918	0.470	51.2	22 - 108	
SURR: 2-Fluorobiphenyl	0.918	0.441	48.1	21 - 113	
SURR: 2,4,6-Tribromophenol	1.84	0.904	49.2	19 - 110	
SURR: Terphenyl-d14	0.918	0.467	50.9	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	278537	5.403	237225	5.403	
ISTD: Naphthalene-d8	1079976	6.502	858846	6.497	
ISTD: Acenaphthene-d10	705070	8.364	491728	8.358	
ISTD: Phenanthrene-d10	932723	10.226	727932	10.22	
ISTD: Chrysene-d12	745551	15.067	586762	15.049	
ISTD: Perylene-d12	841083	18.115	661412	18.08	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02RE1	File ID:	BNA1026717.D
Sampled:	03/18/24 11:48	Prepared:	03/21/24 08:03	Analyzed:	03/22/24 13:21
Solids:	90.48	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41496	Sequence:	S4C2406	Calibration:	SL30040
Instrument:	BNA #1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
117-81-7	Bis(2-ethylhexyl)phthalate	5	4.32	D

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SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.84	0.376	20.5	20 - 108	
SURR: Phenol-d6	1.84	0.0202	1.10	23 - 114	*
SURR: Nitrobenzene-d5	0.918	0.338	36.8	22 - 108	
SURR: 2-Fluorobiphenyl	0.918	0.356	38.8	21 - 113	
SURR: 2,4,6-Tribromophenol	1.84	0.845	46.0	19 - 110	
SURR: Terphenyl-d14	0.918	0.402	43.8	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	288449	5.17	273512	5.164	
ISTD: Naphthalene-d8	1257569	6.234	1303720	6.228	
ISTD: Acenaphthene-d10	798273	8.024	758302	8.018	
ISTD: Phenanthrene-d10	1603420	9.994	1444537	9.994	
ISTD: Chrysene-d12	1425047	14.811	1408652	14.806	
ISTD: Perylene-d12	1526116	17.863	1410320	17.857	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID: SV4415626.D

Sampled: 03/18/24 14:01 Prepared: 03/21/24 13:12 Analyzed: 03/22/24 17:03

Solids: 93.10 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41550 Sequence: S4C2510 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0893	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.178	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0893	U	
95-50-1	1,2-Dichlorobenzene	2	0.0893	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0893	U	
541-73-1	1,3-Dichlorobenzene	2	0.0893	U	
106-46-7	1,4-Dichlorobenzene	2	0.0893	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.178	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.0893	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0893	U	
120-83-2	2,4-Dichlorophenol	2	0.0893	U	
105-67-9	2,4-Dimethylphenol	2	0.0893	U	
51-28-5	2,4-Dinitrophenol	2	0.178	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0893	U	
606-20-2	2,6-Dinitrotoluene	2	0.0893	U	
91-58-7	2-Chloronaphthalene	2	0.0893	U	
95-57-8	2-Chlorophenol	2	0.0893	U	
91-57-6	2-Methylnaphthalene	2	0.0893	U	
95-48-7	2-Methylphenol	2	0.0893	U	
88-74-4	2-Nitroaniline	2	0.178	U	
88-75-5	2-Nitrophenol	2	0.0893	U	
65794-96-9	3- & 4-Methylphenols	2	0.0893	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0893	U	
99-09-2	3-Nitroaniline	2	0.178	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.178	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0893	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0893	U	
106-47-8	4-Chloroaniline	2	0.0893	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0893	U	
100-01-6	4-Nitroaniline	2	0.178	U	UJ
100-02-7	4-Nitrophenol	2	0.178	U	
83-32-9	Acenaphthene	2	0.0893	U	
208-96-8	Acenaphthylene	2	0.0893	U	
98-86-2	Acetophenone	2	0.0893	U	
62-53-3	Aniline	2	0.358	U	
120-12-7	Anthracene	2	0.0893	U	
1912-24-9	Atrazine	2	0.0893	U	
100-52-7	Benzaldehyde	2	0.0893	U	
92-87-5	Benzidine	2	0.358	U	UJ
56-55-3	Benzo(a)anthracene	2	0.0893	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID: SV4415626.D

Sampled: 03/18/24 14:01 Prepared: 03/21/24 13:12 Analyzed: 03/22/24 17:03

Solids: 93.10 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41550 Sequence: S4C2510 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0893	U	UJ
205-99-2	Benzo(b)fluoranthene	2	0.0893	U	UJ
191-24-2	Benzo(g,h,i)perylene	2	0.0893	U	
207-08-9	Benzo(k)fluoranthene	2	0.0893	U	
65-85-0	Benzoic acid	2	0.0893	U	UJ
100-51-6	Benzyl alcohol	2	0.0893	U	
85-68-7	Benzyl butyl phthalate	2	0.0893	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.0893	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0893	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0893	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.256	D	J
105-60-2	Caprolactam	2	0.178	U	UJ
86-74-8	Carbazole	2	0.0893	U	
218-01-9	Chrysene	2	0.0893	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.0893	U	
132-64-9	Dibenzofuran	2	0.0893	U	
84-66-2	Diethyl phthalate	2	0.0893	U	
131-11-3	Dimethyl phthalate	2	0.0893	U	
84-74-2	Di-n-butyl phthalate	2	0.0893	U	
117-84-0	Di-n-octyl phthalate	2	0.0893	U	UJ
206-44-0	Fluoranthene	2	0.0893	U	UJ
86-73-7	Fluorene	2	0.0893	U	
118-74-1	Hexachlorobenzene	2	0.0893	U	
87-68-3	Hexachlorobutadiene	2	0.0893	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0893	U	UJ
67-72-1	Hexachloroethane	2	0.0893	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0893	U	UJ
78-59-1	Isophorone	2	0.0893	U	
91-20-3	Naphthalene	2	0.0893	U	
98-95-3	Nitrobenzene	2	0.0893	U	
62-75-9	N-Nitrosodimethylamine	2	0.0893	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0893	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0893	U	
87-86-5	Pentachlorophenol	2	0.0893	U	UJ
85-01-8	Phenanthrene	2	0.0893	U	
108-95-2	Phenol	2	0.0893	U	
129-00-0	Pyrene	2	0.0893	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.78	1.44	80.6	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1132

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1132-03 | File ID: SV4415626.D

Sampled: 03/18/24 14:01 | Prepared: 03/21/24 13:12 | Analyzed: 03/22/24 17:03

Solids: 93.10 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 1 mL

Batch: BC41550 | Sequence: S4C2510 | Calibration: SB40037 | Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.78	1.51	84.8	23 - 114	
SURR: Nitrobenzene-d5	0.892	0.726	81.4	22 - 108	
SURR: 2-Fluorobiphenyl	0.892	0.696	78.0	21 - 113	
SURR: 2,4,6-Tribromophenol	1.78	1.55	87.0	19 - 110	
SURR: Terphenyl-d14	0.892	0.722	80.9	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	268897	5.403	192607	5.409	
ISTD: Naphthalene-d8	1043690	6.502	886019	6.508	
ISTD: Acenaphthene-d10	668146	8.364	538684	8.37	
ISTD: Phenanthrene-d10	911246	10.232	623815	10.237	
ISTD: Chrysene-d12	750208	15.061	575231	15.066	
ISTD: Perylene-d12	758805	18.098	607741	18.109	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID: SV4415627.D

Sampled: 03/18/24 14:29 Prepared: 03/21/24 13:12 Analyzed: 03/22/24 17:32

Solids: 93.72 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41550 Sequence: S4C2510 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0887	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.177	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0887	U	
95-50-1	1,2-Dichlorobenzene	2	0.0887	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0887	U	
541-73-1	1,3-Dichlorobenzene	2	0.0887	U	
106-46-7	1,4-Dichlorobenzene	2	0.0887	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.177	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.0887	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0887	U	
120-83-2	2,4-Dichlorophenol	2	0.0887	U	
105-67-9	2,4-Dimethylphenol	2	0.0887	U	
51-28-5	2,4-Dinitrophenol	2	0.177	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0887	U	
606-20-2	2,6-Dinitrotoluene	2	0.0887	U	
91-58-7	2-Chloronaphthalene	2	0.0887	U	
95-57-8	2-Chlorophenol	2	0.0887	U	
91-57-6	2-Methylnaphthalene	2	0.0887	U	
95-48-7	2-Methylphenol	2	0.0887	U	
88-74-4	2-Nitroaniline	2	0.177	U	
88-75-5	2-Nitrophenol	2	0.0887	U	
65794-96-9	3- & 4-Methylphenols	2	0.0887	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0887	U	
99-09-2	3-Nitroaniline	2	0.177	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.177	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0887	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0887	U	
106-47-8	4-Chloroaniline	2	0.0887	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0887	U	
100-01-6	4-Nitroaniline	2	0.177	U	UJ
100-02-7	4-Nitrophenol	2	0.177	U	
83-32-9	Acenaphthene	2	0.0887	U	
208-96-8	Acenaphthylene	2	0.0887	U	
98-86-2	Acetophenone	2	0.0887	U	
62-53-3	Aniline	2	0.355	U	
120-12-7	Anthracene	2	0.0887	U	
1912-24-9	Atrazine	2	0.0887	U	
100-52-7	Benzaldehyde	2	0.0887	U	
92-87-5	Benzidine	2	0.355	U	UJ
56-55-3	Benzo(a)anthracene	2	0.120	D	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-04	File ID:	SV4415627.D
Sampled:	03/18/24 14:29	Prepared:	03/21/24 13:12	Analyzed:	03/22/24 17:32
Solids:	93.72	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41550	Sequence:	S4C2510	Calibration:	SB40037
Instrument:	BNA #4				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.140	D	J
205-99-2	Benzo(b)fluoranthene	2	0.152	D	J
191-24-2	Benzo(g,h,i)perylene	2	0.101	D	
207-08-9	Benzo(k)fluoranthene	2	0.130	D	
65-85-0	Benzoic acid	2	0.0887	U	UJ
100-51-6	Benzyl alcohol	2	0.0887	U	
85-68-7	Benzyl butyl phthalate	2	0.0887	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.0887	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0887	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0887	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0887	U	UJ
105-60-2	Caprolactam	2	0.177	U	UJ
86-74-8	Carbazole	2	0.0887	U	
218-01-9	Chrysene	2	0.139	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.0887	U	
132-64-9	Dibenzofuran	2	0.0887	U	
84-66-2	Diethyl phthalate	2	0.0887	U	
131-11-3	Dimethyl phthalate	2	0.0887	U	
84-74-2	Di-n-butyl phthalate	2	0.0887	U	
117-84-0	Di-n-octyl phthalate	2	0.0887	U	UJ
206-44-0	Fluoranthene	2	0.272	D	J
86-73-7	Fluorene	2	0.0887	U	
118-74-1	Hexachlorobenzene	2	0.0887	U	
87-68-3	Hexachlorobutadiene	2	0.0887	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0887	U	UJ
67-72-1	Hexachloroethane	2	0.0887	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.109	D	J
78-59-1	Isophorone	2	0.0887	U	
91-20-3	Naphthalene	2	0.0887	U	
98-95-3	Nitrobenzene	2	0.0887	U	
62-75-9	N-Nitrosodimethylamine	2	0.0887	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0887	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0887	U	
87-86-5	Pentachlorophenol	2	0.0887	U	UJ
85-01-8	Phenanthrene	2	0.0922	D	
108-95-2	Phenol	2	0.0887	U	
129-00-0	Pyrene	2	0.172	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.77	0.878	49.6	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID: SV4415627.D

Sampled: 03/18/24 14:29 Prepared: 03/21/24 13:12 Analyzed: 03/22/24 17:32

Solids: 93.72 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41550 Sequence: S4C2510 Calibration: SB40037 Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.77	1.16	65.2	23 - 114	
SURR: Nitrobenzene-d5	0.886	0.639	72.1	22 - 108	
SURR: 2-Fluorobiphenyl	0.886	0.598	67.5	21 - 113	
SURR: 2,4,6-Tribromophenol	1.77	0.537	30.3	19 - 110	
SURR: Terphenyl-d14	0.886	0.544	61.4	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	317413	5.403	192607	5.409	
ISTD: Naphthalene-d8	1163110	6.502	886019	6.508	
ISTD: Acenaphthene-d10	758373	8.364	538684	8.37	
ISTD: Phenanthrene-d10	733031	10.232	623815	10.237	
ISTD: Chrysene-d12	755089	15.061	575231	15.066	
ISTD: Perylene-d12	654240	18.103	607741	18.109	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID: SV4415628.D

Sampled: 03/18/24 14:46 Prepared: 03/21/24 13:12 Analyzed: 03/22/24 18:01

Solids: 82.36 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41550 Sequence: S4C2510 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.101	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.202	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.101	U	
95-50-1	1,2-Dichlorobenzene	2	0.101	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.101	U	
541-73-1	1,3-Dichlorobenzene	2	0.101	U	
106-46-7	1,4-Dichlorobenzene	2	0.101	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.202	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.101	U	
88-06-2	2,4,6-Trichlorophenol	2	0.101	U	
120-83-2	2,4-Dichlorophenol	2	0.101	U	
105-67-9	2,4-Dimethylphenol	2	0.101	U	
51-28-5	2,4-Dinitrophenol	2	0.202	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.101	U	
606-20-2	2,6-Dinitrotoluene	2	0.101	U	
91-58-7	2-Chloronaphthalene	2	0.101	U	
95-57-8	2-Chlorophenol	2	0.101	U	
91-57-6	2-Methylnaphthalene	2	0.248	D	
95-48-7	2-Methylphenol	2	0.101	U	
88-74-4	2-Nitroaniline	2	0.202	U	
88-75-5	2-Nitrophenol	2	0.101	U	
65794-96-9	3- & 4-Methylphenols	2	0.101	U	
91-94-1	3,3-Dichlorobenzidine	2	0.101	U	
99-09-2	3-Nitroaniline	2	0.202	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.202	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.101	U	
59-50-7	4-Chloro-3-methylphenol	2	0.101	U	
106-47-8	4-Chloroaniline	2	0.101	U	UJ
7005-72-3	4-Chlorophenyl phenyl ether	2	0.101	U	
100-01-6	4-Nitroaniline	2	0.202	U	
100-02-7	4-Nitrophenol	2	0.202	U	
83-32-9	Acenaphthene	2	0.101	U	
208-96-8	Acenaphthylene	2	0.101	U	
98-86-2	Acetophenone	2	0.101	U	
62-53-3	Aniline	2	0.404	U	
120-12-7	Anthracene	2	0.101	U	
1912-24-9	Atrazine	2	0.101	U	
100-52-7	Benzaldehyde	2	0.101	U	
92-87-5	Benzidine	2	0.404	U	UJ
56-55-3	Benzo(a)anthracene	2	0.101	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID: SV4415628.D

Sampled: 03/18/24 14:46 Prepared: 03/21/24 13:12 Analyzed: 03/22/24 18:01

Solids: 82.36 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41550 Sequence: S4C2510 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.101	U	UJ
205-99-2	Benzo(b)fluoranthene	2	0.101	U	UJ
191-24-2	Benzo(g,h,i)perylene	2	0.101	U	
207-08-9	Benzo(k)fluoranthene	2	0.101	U	
65-85-0	Benzoic acid	2	0.101	U	UJ
100-51-6	Benzyl alcohol	2	0.101	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.101	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.101	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.101	U	
105-60-2	Caprolactam	2	0.202	U	UJ
86-74-8	Carbazole	2	0.101	U	
218-01-9	Chrysene	2	0.101	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.101	U	
132-64-9	Dibenzofuran	2	0.101	U	
84-66-2	Diethyl phthalate	2	0.101	U	
131-11-3	Dimethyl phthalate	2	0.101	U	
117-84-0	Di-n-octyl phthalate	2	0.970	D	J
206-44-0	Fluoranthene	2	0.101	U	UJ
86-73-7	Fluorene	2	0.101	U	
118-74-1	Hexachlorobenzene	2	0.101	U	
87-68-3	Hexachlorobutadiene	2	0.101	U	
77-47-4	Hexachlorocyclopentadiene	2	0.101	U	UJ
67-72-1	Hexachloroethane	2	0.101	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.101	U	UJ
78-59-1	Isophorone	2	0.101	U	
91-20-3	Naphthalene	2	0.823	D	
98-95-3	Nitrobenzene	2	0.101	U	
62-75-9	N-Nitrosodimethylamine	2	0.101	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.101	U	
86-30-6	N-Nitrosodiphenylamine	2	0.101	U	
87-86-5	Pentachlorophenol	2	0.101	U	UJ
85-01-8	Phenanthrene	2	0.0726	JD	
108-95-2	Phenol	2	0.101	U	
129-00-0	Pyrene	2	0.101	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.02	1.11	55.0	20 - 108	
SURR: Phenol-d6	2.02	1.34	66.2	23 - 114	
SURR: Nitrobenzene-d5	1.01	0.687	68.2	22 - 108	
SURR: 2-Fluorobiphenyl	1.01	0.677	67.1	21 - 113	
SURR: 2,4,6-Tribromophenol	2.02	1.79	89.0	19 - 110	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05	File ID:	SV4415628.D
Sampled:	03/18/24 14:46	Prepared:	03/21/24 13:12	Analyzed:	03/22/24 18:01
Solids:	82.36	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41550	Sequence:	S4C2510	Calibration:	SB40037
Instrument:	BNA #4				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Terphenyl-d14	1.01	0.558	55.4	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	195803	5.409	192607	5.409	
ISTD: Naphthalene-d8	842113	6.502	886019	6.508	
ISTD: Acenaphthene-d10	615347	8.364	538684	8.37	
ISTD: Phenanthrene-d10	773349	10.232	623815	10.237	
ISTD: Chrysene-d12	751167	15.078	575231	15.066	
ISTD: Perylene-d12	648468	18.138	607741	18.109	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05RE1	File ID:	BNA1026759.D
Sampled:	03/18/24 14:46	Prepared:	03/21/24 13:12	Analyzed:	03/25/24 19:36
Solids:	82.36	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41550	Sequence:	S4C2544	Calibration:	SL30040
Instrument:	BNA #1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
85-68-7	Benzyl butyl phthalate	20	4.78	D	J
84-74-2	Di-n-butyl phthalate	20	28.8	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.02	0.549	27.2	20 - 108	
SURR: Phenol-d6	2.02	0.597	29.6	23 - 114	
SURR: Nitrobenzene-d5	1.01	0.315	31.2	22 - 108	
SURR: 2-Fluorobiphenyl	1.01	0.500	49.6	21 - 113	
SURR: 2,4,6-Tribromophenol	2.02	1.15	57.2	19 - 110	
SURR: Terphenyl-d14	1.01	0.581	57.6	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	326269	5.17	285751	5.164	
ISTD: Naphthalene-d8	1465739	6.239	1343046	6.234	
ISTD: Acenaphthene-d10	979607	8.029	784461	8.024	
ISTD: Phenanthrene-d10	2001666	10	1539567	9.994	
ISTD: Chrysene-d12	1812674	14.817	1449021	14.812	
ISTD: Perylene-d12	1857670	17.868	1448398	17.869	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05RE2	File ID:	BNA1026789.D
Sampled:	03/18/24 14:46	Prepared:	03/21/24 13:12	Analyzed:	03/27/24 11:04
Solids:	82.36	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41550	Sequence:	S4C2734	Calibration:	SL30040
Instrument:	BNA #1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
117-81-7	Bis(2-ethylhexyl)phthalate	2500	1340	D

J

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.02	1.01	50.0	20 - 108	D
SURR: Phenol-d6	2.02	65.5	3250	23 - 114	D
SURR: Nitrobenzene-d5	1.01	1.01	100	22 - 108	D
SURR: 2-Fluorobiphenyl	1.01	0.00		21 - 113	D
SURR: 2,4,6-Tribromophenol	2.02	0.00		19 - 110	D
SURR: Terphenyl-d14	1.01	0.00		24 - 116	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	330371	5.176	345632	5.164	
ISTD: Naphthalene-d8	1416361	6.245	1590676	6.228	
ISTD: Acenaphthene-d10	915447	8.029	940970	8.018	
ISTD: Phenanthrene-d10	1822766	10.005	1892439	9.994	
ISTD: Chrysene-d12	1767724	14.817	1863046	14.812	
ISTD: Perylene-d12	1971454	17.874	1856554	17.868	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID: SV4415599.D

Sampled: 03/18/24 15:09 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 17:13

Solids: 91.94 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0904	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.181	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0904	U	
95-50-1	1,2-Dichlorobenzene	2	0.0904	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0904	U	
541-73-1	1,3-Dichlorobenzene	2	0.0904	U	
106-46-7	1,4-Dichlorobenzene	2	0.0904	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.181	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0904	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0904	U	
120-83-2	2,4-Dichlorophenol	2	0.0904	U	
105-67-9	2,4-Dimethylphenol	2	0.0904	U	
51-28-5	2,4-Dinitrophenol	2	0.181	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0904	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0904	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0904	U	
95-57-8	2-Chlorophenol	2	0.0904	U	
91-57-6	2-Methylnaphthalene	2	0.0904	U	
95-48-7	2-Methylphenol	2	0.0904	U	
88-74-4	2-Nitroaniline	2	0.181	U	UJ
88-75-5	2-Nitrophenol	2	0.0904	U	
65794-96-9	3- & 4-Methylphenols	2	0.0904	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0904	U	UJ
99-09-2	3-Nitroaniline	2	0.181	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.181	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0904	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0904	U	
106-47-8	4-Chloroaniline	2	0.0904	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0904	U	
100-01-6	4-Nitroaniline	2	0.181	U	UJ
100-02-7	4-Nitrophenol	2	0.181	U	
83-32-9	Acenaphthene	2	0.0904	U	
208-96-8	Acenaphthylene	2	0.0904	U	
98-86-2	Acetophenone	2	0.0904	U	
62-53-3	Aniline	2	0.362	U	
120-12-7	Anthracene	2	0.0904	U	
1912-24-9	Atrazine	2	0.0904	U	
100-52-7	Benzaldehyde	2	0.0904	U	
92-87-5	Benzidine	2	0.362	U	UJ
56-55-3	Benzo(a)anthracene	2	0.0904	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB10A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-06	File ID:	SV4415599.D
Sampled:	03/18/24 15:09	Prepared:	03/21/24 08:03	Analyzed:	03/21/24 17:13
Solids:	91.94	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41496	Sequence:	S4C2152	Calibration:	SB40037
Instrument:	BNA #4				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0904	U	UJ
205-99-2	Benzo(b)fluoranthene	2	0.0904	U	UJ
191-24-2	Benzo(g,h,i)perylene	2	0.0904	U	
207-08-9	Benzo(k)fluoranthene	2	0.0904	U	
65-85-0	Benzoic acid	2	0.0904	U	UJ
100-51-6	Benzyl alcohol	2	0.0904	U	
85-68-7	Benzyl butyl phthalate	2	0.0904	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.0904	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0904	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0904	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	1.46	D	J
105-60-2	Caprolactam	2	0.181	U	
86-74-8	Carbazole	2	0.0904	U	
218-01-9	Chrysene	2	0.0904	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.0904	U	
132-64-9	Dibenzofuran	2	0.0904	U	
84-66-2	Diethyl phthalate	2	0.0904	U	
131-11-3	Dimethyl phthalate	2	0.0904	U	
84-74-2	Di-n-butyl phthalate	2	0.0904	U	
117-84-0	Di-n-octyl phthalate	2	0.0904	U	UJ
206-44-0	Fluoranthene	2	0.0904	U	
86-73-7	Fluorene	2	0.0904	U	
118-74-1	Hexachlorobenzene	2	0.0904	U	
87-68-3	Hexachlorobutadiene	2	0.0904	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0904	U	UJ
67-72-1	Hexachloroethane	2	0.0904	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0904	U	
78-59-1	Isophorone	2	0.0904	U	
91-20-3	Naphthalene	2	0.0904	U	
98-95-3	Nitrobenzene	2	0.0904	U	
62-75-9	N-Nitrosodimethylamine	2	0.0904	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0904	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0904	U	
87-86-5	Pentachlorophenol	2	0.0904	U	UJ
85-01-8	Phenanthrene	2	0.0904	U	
108-95-2	Phenol	2	0.0904	U	
129-00-0	Pyrene	2	0.0904	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.81	0.895	49.5	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1132

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1132-06 | File ID: SV4415599.D

Sampled: 03/18/24 15:09 | Prepared: 03/21/24 08:03 | Analyzed: 03/21/24 17:13

Solids: 91.94 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 1 mL

Batch: BC41496 | Sequence: S4C2152 | Calibration: SB40037 | Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.81	1.09	60.2	23 - 114	
SURR: Nitrobenzene-d5	0.903	0.633	70.1	22 - 108	
SURR: 2-Fluorobiphenyl	0.903	0.561	62.1	21 - 113	
SURR: 2,4,6-Tribromophenol	1.81	1.24	68.4	19 - 110	
SURR: Terphenyl-d14	0.903	0.644	71.3	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	326249	5.403	237225	5.403	
ISTD: Naphthalene-d8	1221000	6.502	858846	6.497	
ISTD: Acenaphthene-d10	791012	8.364	491728	8.358	
ISTD: Phenanthrene-d10	989458	10.226	727932	10.22	
ISTD: Chrysene-d12	738899	15.061	586762	15.049	
ISTD: Perylene-d12	803819	18.103	661412	18.08	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-07 File ID: SV4415600.D

Sampled: 03/18/24 15:24 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 17:42

Solids: 75.00 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.111	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.221	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.111	U	
95-50-1	1,2-Dichlorobenzene	2	0.111	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.111	U	
541-73-1	1,3-Dichlorobenzene	2	0.111	U	
106-46-7	1,4-Dichlorobenzene	2	0.111	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.221	U	
95-95-4	2,4,5-Trichlorophenol	2	0.111	U	
88-06-2	2,4,6-Trichlorophenol	2	0.111	U	
120-83-2	2,4-Dichlorophenol	2	0.111	U	
105-67-9	2,4-Dimethylphenol	2	0.111	U	
51-28-5	2,4-Dinitrophenol	2	0.221	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.111	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.111	U	UJ
91-58-7	2-Chloronaphthalene	2	0.111	U	
95-57-8	2-Chlorophenol	2	0.111	U	
91-57-6	2-Methylnaphthalene	2	0.111	U	
95-48-7	2-Methylphenol	2	0.111	U	
88-74-4	2-Nitroaniline	2	0.221	U	UJ
88-75-5	2-Nitrophenol	2	0.111	U	
65794-96-9	3- & 4-Methylphenols	2	0.111	U	
91-94-1	3,3-Dichlorobenzidine	2	0.111	U	UJ
99-09-2	3-Nitroaniline	2	0.221	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.221	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.111	U	
59-50-7	4-Chloro-3-methylphenol	2	0.111	U	
106-47-8	4-Chloroaniline	2	0.111	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.111	U	
100-01-6	4-Nitroaniline	2	0.221	U	UJ
100-02-7	4-Nitrophenol	2	0.221	U	
83-32-9	Acenaphthene	2	0.111	U	
208-96-8	Acenaphthylene	2	0.111	U	
98-86-2	Acetophenone	2	0.111	U	
62-53-3	Aniline	2	0.444	U	
120-12-7	Anthracene	2	0.111	U	
1912-24-9	Atrazine	2	0.111	U	
100-52-7	Benzaldehyde	2	0.111	U	
92-87-5	Benzidine	2	0.444	U	UJ
56-55-3	Benzo(a)anthracene	2	0.111	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1132

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1132-07 | File ID: SV4415600.D

Sampled: 03/18/24 15:24 | Prepared: 03/21/24 08:03 | Analyzed: 03/21/24 17:42

Solids: 75.00 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 1 mL

Batch: BC41496 | Sequence: S4C2152 | Calibration: SB40037 | Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.111	U	UJ
205-99-2	Benzo(b)fluoranthene	2	0.111	U	UJ
191-24-2	Benzo(g,h,i)perylene	2	0.111	U	
207-08-9	Benzo(k)fluoranthene	2	0.111	U	
65-85-0	Benzoic acid	2	0.111	U	UJ
100-51-6	Benzyl alcohol	2	0.111	U	
85-68-7	Benzyl butyl phthalate	2	0.111	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.111	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.111	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.111	U	
105-60-2	Caprolactam	2	0.221	U	
86-74-8	Carbazole	2	0.111	U	
218-01-9	Chrysene	2	0.111	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.111	U	
132-64-9	Dibenzofuran	2	0.111	U	
84-66-2	Diethyl phthalate	2	0.111	U	
131-11-3	Dimethyl phthalate	2	0.111	U	
84-74-2	Di-n-butyl phthalate	2	0.120	D	
117-84-0	Di-n-octyl phthalate	2	0.111	U	UJ
206-44-0	Fluoranthene	2	0.111	U	
86-73-7	Fluorene	2	0.111	U	
118-74-1	Hexachlorobenzene	2	0.111	U	
87-68-3	Hexachlorobutadiene	2	0.111	U	
77-47-4	Hexachlorocyclopentadiene	2	0.111	U	UJ
67-72-1	Hexachloroethane	2	0.111	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.111	U	
78-59-1	Isophorone	2	0.111	U	
91-20-3	Naphthalene	2	0.111	U	
98-95-3	Nitrobenzene	2	0.111	U	
62-75-9	N-Nitrosodimethylamine	2	0.111	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.111	U	
86-30-6	N-Nitrosodiphenylamine	2	0.111	U	
87-86-5	Pentachlorophenol	2	0.111	U	UJ
85-01-8	Phenanthrene	2	0.111	U	
108-95-2	Phenol	2	0.111	U	
129-00-0	Pyrene	2	0.111	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.21	1.48	67.0	20 - 108	
SURR: Phenol-d6	2.21	1.85	83.7	23 - 114	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07	File ID:	SV4415600.D
Sampled:	03/18/24 15:24	Prepared:	03/21/24 08:03	Analyzed:	03/21/24 17:42
Solids:	75.00	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41496	Sequence:	S4C2152	Calibration:	SB40037
Instrument:	BNA #4				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Nitrobenzene-d5	1.11	0.961	86.8	22 - 108	
SURR: 2-Fluorobiphenyl	1.11	0.888	80.2	21 - 113	
SURR: 2,4,6-Tribromophenol	2.21	2.27	103	19 - 110	
SURR: Terphenyl-d14	1.11	1.05	94.6	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	233272	5.403	237225	5.403	
ISTD: Naphthalene-d8	975228	6.502	858846	6.497	
ISTD: Acenaphthene-d10	631223	8.364	491728	8.358	
ISTD: Phenanthrene-d10	797787	10.226	727932	10.22	
ISTD: Chrysene-d12	642603	15.061	586762	15.049	
ISTD: Perylene-d12	719343	18.103	661412	18.08	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07RE1	File ID:	BNA1026732.D
Sampled:	03/18/24 15:24	Prepared:	03/21/24 08:03	Analyzed:	03/24/24 18:04
Solids:	75.00	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41496	Sequence:	S4C2524	Calibration:	SL30040
Instrument:	BNA #1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
117-81-7	Bis(2-ethylhexyl)phthalate	50	68.0	D

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SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.21	0.133	6.00	20 - 108	D
SURR: Phenol-d6	2.21	0.221	10.0	23 - 114	D
SURR: Nitrobenzene-d5	1.11	0.0221	2.00	22 - 108	D
SURR: 2-Fluorobiphenyl	1.11	0.709	64.0	21 - 113	D
SURR: 2,4,6-Tribromophenol	2.21	1.40	63.0	19 - 110	D
SURR: Terphenyl-d14	1.11	0.842	76.0	24 - 116	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	235423	5.176	249120	5.164	
ISTD: Naphthalene-d8	1036647	6.24	1195646	6.228	
ISTD: Acenaphthene-d10	670633	8.03	699953	8.018	
ISTD: Phenanthrene-d10	1297846	10	1390936	9.994	
ISTD: Chrysene-d12	1231060	14.812	1280758	14.811	
ISTD: Perylene-d12	1343503	17.863	1274309	17.863	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB11A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-08 File ID: SV4415601.D

Sampled: 03/18/24 12:10 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 18:12

Solids: 92.02 Preparation: EPA 3550C Initial/Final: 30.2 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0900	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.180	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0900	U	
95-50-1	1,2-Dichlorobenzene	2	0.0900	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0900	U	
541-73-1	1,3-Dichlorobenzene	2	0.0900	U	
106-46-7	1,4-Dichlorobenzene	2	0.0900	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.180	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0900	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0900	U	
120-83-2	2,4-Dichlorophenol	2	0.0900	U	
105-67-9	2,4-Dimethylphenol	2	0.0900	U	
51-28-5	2,4-Dinitrophenol	2	0.180	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0900	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0900	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0900	U	
95-57-8	2-Chlorophenol	2	0.0900	U	
91-57-6	2-Methylnaphthalene	2	0.0900	U	
95-48-7	2-Methylphenol	2	0.0900	U	
88-74-4	2-Nitroaniline	2	0.180	U	UJ
88-75-5	2-Nitrophenol	2	0.0900	U	
65794-96-9	3- & 4-Methylphenols	2	0.0900	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0900	U	UJ
99-09-2	3-Nitroaniline	2	0.180	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.180	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0900	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0900	U	
106-47-8	4-Chloroaniline	2	0.0900	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0900	U	
100-01-6	4-Nitroaniline	2	0.180	U	UJ
100-02-7	4-Nitrophenol	2	0.180	U	
83-32-9	Acenaphthene	2	0.0900	U	
208-96-8	Acenaphthylene	2	0.0900	U	
98-86-2	Acetophenone	2	0.0900	U	
62-53-3	Aniline	2	0.361	U	
120-12-7	Anthracene	2	0.0900	U	
1912-24-9	Atrazine	2	0.0900	U	
100-52-7	Benzaldehyde	2	0.0900	U	
92-87-5	Benzidine	2	0.361	U	UJ
56-55-3	Benzo(a)anthracene	2	0.0900	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB11A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-08	File ID:	SV4415601.D
Sampled:	03/18/24 12:10	Prepared:	03/21/24 08:03	Analyzed:	03/21/24 18:12
Solids:	92.02	Preparation:	EPA 3550C	Initial/Final:	30.2 g / 1 mL
Batch:	BC41496	Sequence:	S4C2152	Calibration:	SB40037
Instrument:	BNA #4				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0900	U	UJ
205-99-2	Benzo(b)fluoranthene	2	0.0900	U	UJ
191-24-2	Benzo(g,h,i)perylene	2	0.0900	U	
207-08-9	Benzo(k)fluoranthene	2	0.0900	U	
65-85-0	Benzoic acid	2	0.0900	U	UJ
100-51-6	Benzyl alcohol	2	0.0900	U	
85-68-7	Benzyl butyl phthalate	2	0.0900	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.0900	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0900	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0900	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0900	U	UJ
105-60-2	Caprolactam	2	0.180	U	
86-74-8	Carbazole	2	0.0900	U	
218-01-9	Chrysene	2	0.0900	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.0900	U	
132-64-9	Dibenzofuran	2	0.0900	U	
84-66-2	Diethyl phthalate	2	0.0900	U	
131-11-3	Dimethyl phthalate	2	0.0900	U	
84-74-2	Di-n-butyl phthalate	2	0.0900	U	
117-84-0	Di-n-octyl phthalate	2	0.0900	U	UJ
206-44-0	Fluoranthene	2	0.0900	U	
86-73-7	Fluorene	2	0.0900	U	
118-74-1	Hexachlorobenzene	2	0.0900	U	
87-68-3	Hexachlorobutadiene	2	0.0900	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0900	U	UJ
67-72-1	Hexachloroethane	2	0.0900	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0900	U	
78-59-1	Isophorone	2	0.0900	U	
91-20-3	Naphthalene	2	0.0900	U	
98-95-3	Nitrobenzene	2	0.0900	U	
62-75-9	N-Nitrosodimethylamine	2	0.0900	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0900	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0900	U	
87-86-5	Pentachlorophenol	2	0.0900	U	UJ
85-01-8	Phenanthrene	2	0.0900	U	
108-95-2	Phenol	2	0.0900	U	
129-00-0	Pyrene	2	0.0900	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.80	1.13	62.8	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB11A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1132

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1132-08 | File ID: SV4415601.D

Sampled: 03/18/24 12:10 | Prepared: 03/21/24 08:03 | Analyzed: 03/21/24 18:12

Solids: 92.02 | Preparation: EPA 3550C | Initial/Final: 30.2 g / 1 mL

Batch: BC41496 | Sequence: S4C2152 | Calibration: SB40037 | Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.80	1.19	66.3	23 - 114	
SURR: Nitrobenzene-d5	0.900	0.725	80.6	22 - 108	
SURR: 2-Fluorobiphenyl	0.900	0.643	71.5	21 - 113	
SURR: 2,4,6-Tribromophenol	1.80	1.40	78.0	19 - 110	
SURR: Terphenyl-d14	0.900	0.653	72.6	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	290285	5.403	237225	5.403	
ISTD: Naphthalene-d8	1061114	6.502	858846	6.497	
ISTD: Acenaphthene-d10	684445	8.364	491728	8.358	
ISTD: Phenanthrene-d10	879000	10.22	727932	10.22	
ISTD: Chrysene-d12	743875	15.055	586762	15.049	
ISTD: Perylene-d12	719603	18.097	661412	18.08	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB11B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-09 File ID: SV4415602.D

Sampled: 03/18/24 12:18 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 18:42

Solids: 87.84 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0946	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.189	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0946	U	
95-50-1	1,2-Dichlorobenzene	2	0.0946	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0946	U	
541-73-1	1,3-Dichlorobenzene	2	0.0946	U	
106-46-7	1,4-Dichlorobenzene	2	0.0946	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.189	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0946	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0946	U	
120-83-2	2,4-Dichlorophenol	2	0.0946	U	
105-67-9	2,4-Dimethylphenol	2	0.0946	U	
51-28-5	2,4-Dinitrophenol	2	0.189	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0946	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0946	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0946	U	
95-57-8	2-Chlorophenol	2	0.0946	U	
91-57-6	2-Methylnaphthalene	2	0.0946	U	
95-48-7	2-Methylphenol	2	0.0946	U	
88-74-4	2-Nitroaniline	2	0.189	U	UJ
88-75-5	2-Nitrophenol	2	0.0946	U	
65794-96-9	3- & 4-Methylphenols	2	0.0946	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0946	U	UJ
99-09-2	3-Nitroaniline	2	0.189	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.189	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0946	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0946	U	
106-47-8	4-Chloroaniline	2	0.0946	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0946	U	
100-01-6	4-Nitroaniline	2	0.189	U	UJ
100-02-7	4-Nitrophenol	2	0.189	U	
83-32-9	Acenaphthene	2	0.0946	U	
208-96-8	Acenaphthylene	2	0.0946	U	
98-86-2	Acetophenone	2	0.0946	U	
62-53-3	Aniline	2	0.379	U	
120-12-7	Anthracene	2	0.0946	U	
1912-24-9	Atrazine	2	0.0946	U	
100-52-7	Benzaldehyde	2	0.0946	U	
92-87-5	Benzidine	2	0.379	U	UJ
56-55-3	Benzo(a)anthracene	2	0.0946	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB11B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-09	File ID:	SV4415602.D
Sampled:	03/18/24 12:18	Prepared:	03/21/24 08:03	Analyzed:	03/21/24 18:42
Solids:	87.84	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41496	Sequence:	S4C2152	Calibration:	SB40037
Instrument:	BNA #4				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0946	U	UJ
205-99-2	Benzo(b)fluoranthene	2	0.0946	U	UJ
191-24-2	Benzo(g,h,i)perylene	2	0.0946	U	
207-08-9	Benzo(k)fluoranthene	2	0.0946	U	
65-85-0	Benzoic acid	2	0.0946	U	UJ
100-51-6	Benzyl alcohol	2	0.0946	U	
85-68-7	Benzyl butyl phthalate	2	0.0946	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.0946	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0946	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0946	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	1.85	D	J
105-60-2	Caprolactam	2	0.189	U	
86-74-8	Carbazole	2	0.0946	U	
218-01-9	Chrysene	2	0.0477	JD	
53-70-3	Dibenzo(a,h)anthracene	2	0.0946	U	
132-64-9	Dibenzofuran	2	0.0946	U	
84-66-2	Diethyl phthalate	2	0.0946	U	
131-11-3	Dimethyl phthalate	2	0.0946	U	
84-74-2	Di-n-butyl phthalate	2	0.0946	U	
117-84-0	Di-n-octyl phthalate	2	0.0946	U	UJ
206-44-0	Fluoranthene	2	0.0946	U	
86-73-7	Fluorene	2	0.0946	U	
118-74-1	Hexachlorobenzene	2	0.0946	U	
87-68-3	Hexachlorobutadiene	2	0.0946	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0946	U	UJ
67-72-1	Hexachloroethane	2	0.0946	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0946	U	
78-59-1	Isophorone	2	0.0946	U	
91-20-3	Naphthalene	2	0.0946	U	
98-95-3	Nitrobenzene	2	0.0946	U	
62-75-9	N-Nitrosodimethylamine	2	0.0946	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0946	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0946	U	
87-86-5	Pentachlorophenol	2	0.0946	U	UJ
85-01-8	Phenanthrene	2	0.221	D	
108-95-2	Phenol	2	0.0946	U	
129-00-0	Pyrene	2	0.0514	JD	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.89	1.34	71.0	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB11B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1132

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1132-09 | File ID: SV4415602.D

Sampled: 03/18/24 12:18 | Prepared: 03/21/24 08:03 | Analyzed: 03/21/24 18:42

Solids: 87.84 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 1 mL

Batch: BC41496 | Sequence: S4C2152 | Calibration: SB40037 | Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.89	1.58	83.3	23 - 114	
SURR: Nitrobenzene-d5	0.946	1.09	115	22 - 108	*
SURR: 2-Fluorobiphenyl	0.946	0.796	84.2	21 - 113	
SURR: 2,4,6-Tribromophenol	1.89	1.81	95.9	19 - 110	
SURR: Terphenyl-d14	0.946	0.762	80.6	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	249513	5.403	237225	5.403	
ISTD: Naphthalene-d8	897205	6.502	858846	6.497	
ISTD: Acenaphthene-d10	568727	8.364	491728	8.358	
ISTD: Phenanthrene-d10	791979	10.226	727932	10.22	
ISTD: Chrysene-d12	685026	15.066	586762	15.049	
ISTD: Perylene-d12	777809	18.115	661412	18.08	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB12A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-10 File ID: SV4415603.D

Sampled: 03/18/24 10:55 Prepared: 03/21/24 08:03 Analyzed: 03/21/24 19:11

Solids: 94.32 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BC41496 Sequence: S4C2152 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0873	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.174	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0873	U	
95-50-1	1,2-Dichlorobenzene	2	0.0873	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0873	U	
541-73-1	1,3-Dichlorobenzene	2	0.0873	U	
106-46-7	1,4-Dichlorobenzene	2	0.0873	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.174	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0873	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0873	U	
120-83-2	2,4-Dichlorophenol	2	0.0873	U	
105-67-9	2,4-Dimethylphenol	2	0.0873	U	
51-28-5	2,4-Dinitrophenol	2	0.174	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0873	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0873	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0873	U	
95-57-8	2-Chlorophenol	2	0.0873	U	
91-57-6	2-Methylnaphthalene	2	0.0873	U	
95-48-7	2-Methylphenol	2	0.0873	U	
88-74-4	2-Nitroaniline	2	0.174	U	UJ
88-75-5	2-Nitrophenol	2	0.0873	U	
65794-96-9	3- & 4-Methylphenols	2	0.0873	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0873	U	
99-09-2	3-Nitroaniline	2	0.174	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.174	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0873	U	UJ
59-50-7	4-Chloro-3-methylphenol	2	0.0873	U	
106-47-8	4-Chloroaniline	2	0.0873	U	UJ
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0873	U	
100-01-6	4-Nitroaniline	2	0.174	U	
100-02-7	4-Nitrophenol	2	0.174	U	
83-32-9	Acenaphthene	2	0.0873	U	
208-96-8	Acenaphthylene	2	0.0873	U	
98-86-2	Acetophenone	2	0.0873	U	
62-53-3	Aniline	2	0.349	U	
120-12-7	Anthracene	2	0.0873	U	
1912-24-9	Atrazine	2	0.0873	U	
100-52-7	Benzaldehyde	2	0.0873	U	
92-87-5	Benzidine	2	0.349	U	UJ
56-55-3	Benzo(a)anthracene	2	0.0873	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB12A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1132

Client: DT Consulting Services | Project: C314132 Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1132-10 | File ID: SV4415603.D

Sampled: 03/18/24 10:55 | Prepared: 03/21/24 08:03 | Analyzed: 03/21/24 19:11

Solids: 94.32 | Preparation: EPA 3550C | Initial/Final: 30.4 g / 1 mL

Batch: BC41496 | Sequence: S4C2152 | Calibration: SB40037 | Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0873	U	UJ
205-99-2	Benzo(b)fluoranthene	2	0.0873	U	UJ
191-24-2	Benzo(g,h,i)perylene	2	0.0873	U	
207-08-9	Benzo(k)fluoranthene	2	0.0873	U	
65-85-0	Benzoic acid	2	0.0873	U	UJ
100-51-6	Benzyl alcohol	2	0.0873	U	
85-68-7	Benzyl butyl phthalate	2	0.0873	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.0873	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0873	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0873	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0873	U	UJ
105-60-2	Caprolactam	2	0.174	U	
86-74-8	Carbazole	2	0.0873	U	
218-01-9	Chrysene	2	0.0873	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.0873	U	
132-64-9	Dibenzofuran	2	0.0873	U	
84-66-2	Diethyl phthalate	2	0.0873	U	
131-11-3	Dimethyl phthalate	2	0.0873	U	
84-74-2	Di-n-butyl phthalate	2	0.0873	U	
117-84-0	Di-n-octyl phthalate	2	0.0873	U	UJ
206-44-0	Fluoranthene	2	0.0873	U	
86-73-7	Fluorene	2	0.0873	U	
118-74-1	Hexachlorobenzene	2	0.0873	U	
87-68-3	Hexachlorobutadiene	2	0.0873	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0873	U	UJ
67-72-1	Hexachloroethane	2	0.0873	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0873	U	
78-59-1	Isophorone	2	0.0873	U	
91-20-3	Naphthalene	2	0.0873	U	
98-95-3	Nitrobenzene	2	0.0873	U	
62-75-9	N-Nitrosodimethylamine	2	0.0873	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0873	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0873	U	
87-86-5	Pentachlorophenol	2	0.0873	U	UJ
85-01-8	Phenanthrene	2	0.0873	U	
108-95-2	Phenol	2	0.0873	U	
129-00-0	Pyrene	2	0.0873	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.74	1.55	88.8	20 - 108	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB12A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-10	File ID:	SV4415603.D
Sampled:	03/18/24 10:55	Prepared:	03/21/24 08:03	Analyzed:	03/21/24 19:11
Solids:	94.32	Preparation:	EPA 3550C	Initial/Final:	30.4 g / 1 mL
Batch:	BC41496	Sequence:	S4C2152	Calibration:	SB40037
Instrument:	BNA #4				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.74	1.65	94.5	23 - 114	
SURR: Nitrobenzene-d5	0.872	0.832	95.4	22 - 108	
SURR: 2-Fluorobiphenyl	0.872	0.754	86.5	21 - 113	
SURR: 2,4,6-Tribromophenol	1.74	1.56	89.2	19 - 110	
SURR: Terphenyl-d14	0.872	0.770	88.3	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	200223	5.403	237225	5.403	
ISTD: Naphthalene-d8	851780	6.502	858846	6.497	
ISTD: Acenaphthene-d10	555875	8.364	491728	8.358	
ISTD: Phenanthrene-d10	777603	10.226	727932	10.22	
ISTD: Chrysene-d12	588024	15.055	586762	15.049	
ISTD: Perylene-d12	642187	18.098	661412	18.08	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
CLASS: PFAS
METHOD: EPA 1633 Draft 3

DATA PACKAGE COVER PAGE

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

Client: DT Consulting Services

Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 4/24/2024

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB8A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-01	File ID:	QQQ36606.d
Sampled:	03/18/24 11:40	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 17:57
Solids:	91.33	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.194	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.219	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.219	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.200	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.219	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.204	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.219	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.219	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.219	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.219	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.219	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.219	U	
2355-31-9	N-MeFOSAA	1	0.219	U	
2991-50-6	N-EtFOSAA	1	0.219	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.438	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.219	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.219	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.211	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.832	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.841	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.876	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.390	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.438	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.438	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.438	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.206	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.821	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	0.876	U	
763051-92-9	11CL-PF3OUdS	1	0.828	U	UJ
756426-58-1	9CL-PF3ONS	1	0.819	U	
919005-14-4	ADONA	1	0.828	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.212	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.210	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.09	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.47	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.47	U	
24448-09-7	N-MeFOSE	1	2.19	U	
31506-32-8	N-MeFOSA	1	0.219	U	
1691-99-2	N-EtFOSE	1	2.19	U	
4151-50-2	N-EtFOSA	1	0.219	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB8A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-01	File ID:	QQQ36606.d
Sampled:	03/18/24 11:40	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 17:57
Solids:	91.33	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.12	3.14	148	25 - 150	
M5PFHxA	2.28	3.34	146	25 - 150	
M4PFHpA	2.28	2.95	129	25 - 150	
M3PFHxS	2.16	3.23	149	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.28	3.31	145	25 - 150	
M6PFDA	1.14	1.58	139	25 - 150	
M7PFUdA	1.14	1.29	114	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.14	1.21	107	25 - 150	
M2PFTeDA	1.14	1.43	126	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.14	2.50	27.4	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.18	3.51	161	25 - 150	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.56	3.08	67.6	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.28	2.59	113	10 - 150	
d3-N-MeFOSAA	4.56	6.21	136	25 - 150	
d5-N-EtFOSAA	4.56	5.55	122	25 - 150	
M2-6:2 FTS	4.34	7.92	183	25 - 200	
M2-8:2 FTS	4.38	9.11	208	25 - 200	*
M9PFNA	1.14	1.48	130	25 - 150	
M2-4:2 FTS	4.28	5.38	126	25 - 150	
d-N-MeFOSA	2.28	1.62	70.8	25 - 150	
d-N-EtFOSA	2.28	1.65	72.2	25 - 150	
M3HFPO-DA	9.14	13.0	142	25 - 150	
d9-N-EtFOSE	22.8	19.9	87.1	25 - 150	
d7-N-MeFOSE	22.8	20.5	89.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
MPFOA	26057.03	7.3349	31331.57	7.315933	
MPFOS	5720.916	7.946567	7540.816	7.937284	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02	File ID:	QQQ36607.d
Sampled:	03/18/24 11:48	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 18:13
Solids:	90.48	Preparation:	EPA 1633 Prep	Initial/Final:	5.06 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.193	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.218	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.218	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.200	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.218	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.232		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.218	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.218	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.218	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.218	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.218	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.218	U	
2355-31-9	N-MeFOSAA	1	0.218	U	
2991-50-6	N-EtFOSAA	1	2.55		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.437	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.218	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.218	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.211	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.830	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.839	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.874	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.389	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.437	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.437	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.437	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.205	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.819	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	0.874	U	
763051-92-9	11CL-PF3OUdS	1	0.826	U	UJ
756426-58-1	9CL-PF3ONS	1	0.817	U	
919005-14-4	ADONA	1	0.826	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.212	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.210	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.09	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.46	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.46	U	
24448-09-7	N-MeFOSE	1	2.18	U	
31506-32-8	N-MeFOSA	1	0.218	U	
1691-99-2	N-EtFOSE	1	2.18	U	
4151-50-2	N-EtFOSA	1	0.218	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02	File ID:	QQQ36607.d
Sampled:	03/18/24 11:48	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 18:13
Solids:	90.48	Preparation:	EPA 1633 Prep	Initial/Final:	5.06 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047	Instrument:	LCQQQ

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.12	2.69	127	25 - 150	
M5PFHxA	2.28	3.13	138	25 - 150	
M4PFHpA	2.28	2.61	115	25 - 150	
M3PFHxS	2.16	2.79	129	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.28	3.24	142	25 - 150	
M6PFDA	1.14	1.51	133	25 - 150	
M7PFUdA	1.14	1.38	122	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.14	1.21	106	25 - 150	
M2PFTeDA	1.14	1.16	102	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.12	1.85	20.3	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.18	3.06	141	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.55	2.92	64.3	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.28	2.41	106	10 - 150	
d3-N-MeFOSAA	4.55	5.69	125	25 - 150	
d5-N-EtFOSAA	4.55	5.49	121	25 - 150	
M2-6:2 FTS	4.32	5.42	125	25 - 200	
M2-8:2 FTS	4.37	6.06	139	25 - 200	
M9PFNA	1.14	1.59	140	25 - 150	
M2-4:2 FTS	4.27	4.41	103	25 - 150	
d-N-MeFOSA	2.28	2.01	88.3	25 - 150	
d-N-EtFOSA	2.28	1.50	65.7	25 - 150	
M3HFPO-DA	9.12	11.9	130	25 - 150	
d9-N-EtFOSE	22.8	20.4	89.6	25 - 150	
d7-N-MeFOSE	22.8	20.0	87.9	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
MPFOA	23745.6	7.344167	31331.57	7.315933	
MPFOS	5251.101	7.965133	7540.816	7.937284	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB9A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-03	File ID:	QQQ36608.d
Sampled:	03/18/24 14:01	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 18:29
Solids:	93.10	Preparation:	EPA 1633 Prep	Initial/Final:	5.05 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.188	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.213	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.213	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.195	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.213	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.407		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.213	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.213	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.213	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.213	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.213	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.213	U	
2355-31-9	N-MeFOSAA	1	0.213	U	
2991-50-6	N-EtFOSAA	1	0.213	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.425	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.213	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.213	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.205	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.808	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.817	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.851	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.379	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.425	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.425	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.425	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.200	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.798	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	0.851	U	
763051-92-9	11CL-PF3OUdS	1	0.804	U	UJ
756426-58-1	9CL-PF3ONS	1	0.795	U	
919005-14-4	ADONA	1	0.804	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.206	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.204	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.06	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.32	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.32	U	
24448-09-7	N-MeFOSE	1	2.13	U	
31506-32-8	N-MeFOSA	1	0.213	U	
1691-99-2	N-EtFOSE	1	2.13	U	
4151-50-2	N-EtFOSA	1	0.213	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB9A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-03	File ID:	QQQ36608.d
Sampled:	03/18/24 14:01	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 18:29
Solids:	93.10	Preparation:	EPA 1633 Prep	Initial/Final:	5.05 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.06	2.68	130	25 - 150	
M5PFHxA	2.22	3.10	140	25 - 150	
M4PFHpA	2.22	2.75	124	25 - 150	
M3PFHxS	2.10	2.82	134	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.22	2.95	133	25 - 150	
M6PFDA	1.11	1.50	136	25 - 150	
M7PFUdA	1.11	1.46	132	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.11	1.35	122	25 - 150	
M2PFTeDA	1.11	1.07	96.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	8.88	0.431	4.86	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.12	2.74	129	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.43	2.14	48.3	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.22	2.85	128	10 - 150	
d3-N-MeFOSAA	4.43	4.55	103	25 - 150	
d5-N-EtFOSAA	4.43	5.09	115	25 - 150	
M2-6:2 FTS	4.21	4.35	103	25 - 200	
M2-8:2 FTS	4.25	4.84	114	25 - 200	
M9PFNA	1.11	1.52	138	25 - 150	
M2-4:2 FTS	4.16	4.01	96.6	25 - 150	
d-N-MeFOSA	2.22	1.79	80.8	25 - 150	
d-N-EtFOSA	2.22	1.47	66.3	25 - 150	
M3HFPO-DA	8.88	12.3	138	25 - 150	
d9-N-EtFOSE	22.2	19.1	86.2	25 - 150	
d7-N-MeFOSE	22.2	17.0	76.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
MPFOA	24646.54	7.31595	31331.57	7.315933	
MPFOS	5881.143	7.9373	7540.816	7.937284	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB9B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-04	File ID:	QQQ36611.d
Sampled:	03/18/24 14:29	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 19:17
Solids:	93.72	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.189	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.213	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.213	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.195	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.213	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.198	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.213	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.213	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.213	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.213	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.213	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.213	U	
2355-31-9	N-MeFOSAA	1	0.213	U	
2991-50-6	N-EtFOSAA	1	0.213	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.427	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.213	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.213	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.206	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.811	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.819	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.854	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.380	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.427	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.427	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.427	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.201	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.800	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	0.854	U	
763051-92-9	11CL-PF3OUdS	1	0.807	U	UJ
756426-58-1	9CL-PF3ONS	1	0.798	U	
919005-14-4	ADONA	1	0.807	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.207	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.205	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.07	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.34	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.34	U	
24448-09-7	N-MeFOSE	1	2.13	U	
31506-32-8	N-MeFOSA	1	0.213	U	
1691-99-2	N-EtFOSE	1	2.13	U	
4151-50-2	N-EtFOSA	1	0.213	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB9B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-04	File ID:	QQQ36611.d
Sampled:	03/18/24 14:29	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 19:17
Solids:	93.72	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.07	2.70	131	25 - 150	
M5PFHxA	2.22	2.97	134	25 - 150	
M4PFHpA	2.22	2.34	105	25 - 150	
M3PFHxS	2.11	2.82	134	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.22	3.38	152	25 - 150	*
M6PFDA	1.11	1.62	146	25 - 150	
M7PFUdA	1.11	1.64	148	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.11	1.62	146	25 - 150	
M2PFTeDA	1.11	1.39	126	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	8.91	1.56	17.5	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.13	2.98	140	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.44	5.25	118	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.22	2.78	125	10 - 150	
d3-N-MeFOSAA	4.44	5.08	114	25 - 150	
d5-N-EtFOSAA	4.44	5.75	129	25 - 150	
M2-6:2 FTS	4.23	4.22	99.9	25 - 200	
M2-8:2 FTS	4.27	4.23	99.0	25 - 200	
M9PFNA	1.11	1.56	140	25 - 150	
M2-4:2 FTS	4.17	4.17	100	25 - 150	
d-N-MeFOSA	2.22	2.20	98.8	25 - 150	
d-N-EtFOSA	2.22	1.91	86.0	25 - 150	
M3HFPO-DA	8.91	12.0	134	25 - 150	
d9-N-EtFOSE	22.2	22.8	102	25 - 150	
d7-N-MeFOSE	22.2	21.6	97.3	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
MPFOA	23509.27	7.362967	32862.66	7.32565	
MPFOS	5617.961	7.9932	7654.553	7.9373	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05	File ID:	QQQ36612.d
Sampled:	03/18/24 14:46	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 19:34
Solids:	82.36	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.215	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.243	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.243	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.222	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.243	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.226	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.243	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.243	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.243	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.243	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.243	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.243	U	
2355-31-9	N-MeFOSAA	1	0.243	U	
2991-50-6	N-EtFOSAA	1	0.274		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.486	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.243	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.243	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.234	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.923	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.932	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.971	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.432	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.486	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.486	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.486	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.228	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.911	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	0.971	U	
763051-92-9	11CL-PF3OUdS	1	0.918	U	UJ
756426-58-1	9CL-PF3ONS	1	0.908	U	
919005-14-4	ADONA	1	0.918	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.236	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.233	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.21	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.07	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.07	U	
24448-09-7	N-MeFOSE	1	2.43	U	
31506-32-8	N-MeFOSA	1	0.243	U	
1691-99-2	N-EtFOSE	1	2.43	U	
4151-50-2	N-EtFOSA	1	0.243	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05	File ID:	QQQ36612.d
Sampled:	03/18/24 14:46	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 19:34
Solids:	82.36	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.36	2.88	122	25 - 150	
M5PFHxA	2.53	3.06	121	25 - 150	
M4PFHpA	2.53	2.39	94.3	25 - 150	
M3PFHxS	2.40	3.03	126	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.53	2.91	115	25 - 150	
M6PFDA	1.26	1.56	123	25 - 150	
M7PFUdA	1.26	1.50	119	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.26	1.54	122	25 - 150	
M2PFTeDA	1.26	1.38	109	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.1	0.427	4.21	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.42	3.01	124	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.06	3.22	63.6	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.53	2.87	113	10 - 150	
d3-N-MeFOSAA	5.06	5.07	100	25 - 150	
d5-N-EtFOSAA	5.06	5.64	112	25 - 150	
M2-6:2 FTS	4.81	4.24	88.2	25 - 200	
M2-8:2 FTS	4.86	4.80	98.8	25 - 200	
M9PFNA	1.26	1.73	137	25 - 150	
M2-4:2 FTS	4.75	4.36	91.9	25 - 150	
d-N-MeFOSA	2.53	2.62	103	25 - 150	
d-N-EtFOSA	2.53	2.36	93.1	25 - 150	
M3HFPO-DA	10.1	12.4	122	25 - 150	
d9-N-EtFOSE	25.3	30.6	121	25 - 150	
d7-N-MeFOSE	25.3	27.1	107	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
MPFOA	26498.02	7.372233	32862.66	7.32565	
MPFOS	5817.265	8.002466	7654.553	7.9373	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB10A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-06	File ID:	QQQ36613.d
Sampled:	03/18/24 15:09	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 19:50
Solids:	91.94	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.193	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.218	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.218	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.199	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.218	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.214		
375-95-1	Perfluorononanoic acid (PFNA)	1	0.218	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.218	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.218	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.218	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.218	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.218	U	
2355-31-9	N-MeFOSAA	1	0.218	U	
2991-50-6	N-EtFOSAA	1	0.218	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.435	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.218	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.218	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.210	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.827	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.835	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.870	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.387	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.435	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.435	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.435	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.204	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.816	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	0.870	U	
763051-92-9	11CL-PF3OUdS	1	0.822	U	UJ
756426-58-1	9CL-PF3ONS	1	0.814	U	
919005-14-4	ADONA	1	0.822	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.211	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.209	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.09	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.44	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.44	U	
24448-09-7	N-MeFOSE	1	2.18	U	
31506-32-8	N-MeFOSA	1	0.218	U	
1691-99-2	N-EtFOSE	1	2.18	U	
4151-50-2	N-EtFOSA	1	0.218	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB10A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-06	File ID:	QQQ36613.d
Sampled:	03/18/24 15:09	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 19:50
Solids:	91.94	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.11	2.80	133	25 - 150	
M5PFHxA	2.27	3.16	139	25 - 150	
M4PFHpA	2.27	2.86	126	25 - 150	
M3PFHxS	2.15	2.89	135	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.27	3.30	146	25 - 150	
M6PFDA	1.13	1.63	144	25 - 150	
M7PFUdA	1.13	1.59	141	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.13	1.59	141	25 - 150	
M2PFTeDA	1.13	1.27	113	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.08	0.276	3.04	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.17	2.96	136	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.53	1.35	29.9	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.27	2.80	123	10 - 150	
d3-N-MeFOSAA	4.53	5.04	111	25 - 150	
d5-N-EtFOSAA	4.53	6.03	133	25 - 150	
M2-6:2 FTS	4.31	3.98	92.5	25 - 200	
M2-8:2 FTS	4.35	3.92	90.1	25 - 200	
M9PFNA	1.13	1.65	146	25 - 150	
M2-4:2 FTS	4.25	4.11	96.6	25 - 150	
d-N-MeFOSA	2.27	2.19	96.6	25 - 150	
d-N-EtFOSA	2.27	1.89	83.2	25 - 150	
M3HFPO-DA	9.08	12.4	136	25 - 150	
d9-N-EtFOSE	22.7	20.2	88.9	25 - 150	
d7-N-MeFOSE	22.7	20.2	89.3	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
MPFOA	22660.58	7.3349	32862.66	7.32565	
MPFOS	5378.089	7.965133	7654.553	7.9373	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07	File ID:	QQQ36614.d
Sampled:	03/18/24 15:24	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 20:06
Solids:	75.00	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.232	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.262	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.262	U	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.240	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.262	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.244	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	0.262	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.262	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.262	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.262	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.262	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.262	U	
2355-31-9	N-MeFOSAA	1	0.262	U	
2991-50-6	N-EtFOSAA	1	0.262	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.525	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.262	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.262	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.253	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.997	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.01	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.05	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.467	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.525	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.525	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.525	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.247	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.984	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	1.05	U	
763051-92-9	11CL-PF3OUdS	1	0.992	U	UJ
756426-58-1	9CL-PF3ONS	1	0.982	U	
919005-14-4	ADONA	1	0.992	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.255	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.252	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.31	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.56	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.56	U	
24448-09-7	N-MeFOSE	1	2.62	U	
31506-32-8	N-MeFOSA	1	0.262	U	
1691-99-2	N-EtFOSE	1	2.62	U	
4151-50-2	N-EtFOSA	1	0.262	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07	File ID:	QQQ36614.d
Sampled:	03/18/24 15:24	Prepared:	03/22/24 12:53	Analyzed:	03/24/24 20:06
Solids:	75.00	Preparation:	EPA 1633 Prep	Initial/Final:	5.08 g / 5 mL
Batch:	BC41634	Sequence:	S4C2549	Calibration:	SA40047
Instrument:	LCQQQ				

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.55	3.22	126	25 - 150	
M5PFHxA	2.74	3.81	139	25 - 150	
M4PFHpA	2.74	3.41	125	25 - 150	
M3PFHxS	2.59	3.16	122	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.74	3.49	128	25 - 150	
M6PFDA	1.36	1.70	124	25 - 150	
M7PFUdA	1.36	1.53	112	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.36	1.31	96.2	25 - 150	
M2PFTeDA	1.36	1.11	81.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.0	0.890	8.13	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.62	2.74	104	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.47	3.99	73.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.74	3.00	110	10 - 150	
d3-N-MeFOSAA	5.47	4.35	79.5	25 - 150	
d5-N-EtFOSAA	5.47	5.01	91.7	25 - 150	
M2-6:2 FTS	5.20	4.07	78.3	25 - 200	
M2-8:2 FTS	5.25	3.64	69.3	25 - 200	
M9PFNA	1.36	1.72	126	25 - 150	
M2-4:2 FTS	5.13	4.59	89.4	25 - 150	
d-N-MeFOSA	2.74	2.60	94.8	25 - 150	
d-N-EtFOSA	2.74	2.06	75.1	25 - 150	
M3HFPO-DA	11.0	16.0	146	25 - 150	
d9-N-EtFOSE	27.4	22.2	81.2	25 - 150	
d7-N-MeFOSE	27.4	21.5	78.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
MPFOA	23459.4	7.35345	32862.66	7.32565	
MPFOS	5503.491	7.974433	7654.553	7.9373	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

CLASS: PEST

METHOD: EPA 8081B

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/24/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID: P600430142.D

Sampled: 03/18/24 11:40 Prepared: 03/20/24 13:31 Analyzed: 03/23/24 21:24

Solids: 91.33 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41446 Sequence: S4C2552 Calibration: SC40039 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00180	U
72-55-9	4,4'-DDE	5	0.00180	U
50-29-3	4,4'-DDT	5	0.00180	U
309-00-2	Aldrin	5	0.00180	U
319-84-6	alpha-BHC	5	0.00180	U
5103-71-9	alpha-Chlordane	5	0.00180	U
319-85-7	beta-BHC	5	0.00180	U
319-86-8	delta-BHC	5	0.00180	U
60-57-1	Dieldrin	5	0.00180	U
959-98-8	Endosulfan I	5	0.00180	U
33213-65-9	Endosulfan II	5	0.00180	U
1031-07-8	Endosulfan sulfate	5	0.00180	U
72-20-8	Endrin	5	0.00180	U
7421-93-4	Endrin aldehyde	5	0.00180	U
53494-70-5	Endrin ketone	5	0.00180	U
58-89-9	gamma-BHC (Lindane)	5	0.00180	U
5566-34-7	gamma-Chlordane	5	0.00180	U
76-44-8	Heptachlor	5	0.00180	U
1024-57-3	Heptachlor epoxide	5	0.00180	U
72-43-5	Methoxychlor	5	0.00180	U
8001-35-2	Toxaphene	5	0.180	U
57-74-9	Chlordane, total	5	0.0360	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0728	0.0326	44.8	30 - 150	
Tetrachloro-m-xylene	0.0728	0.0277	38.0	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID: P600430145.D

Sampled: 03/18/24 11:48 Prepared: 03/20/24 13:31 Analyzed: 03/23/24 22:14

Solids: 90.48 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41446 Sequence: S4C2552 Calibration: SC40039 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00182	U
72-55-9	4,4'-DDE	5	0.00182	U
50-29-3	4,4'-DDT	5	0.00182	U
309-00-2	Aldrin	5	0.00182	U
319-84-6	alpha-BHC	5	0.00182	U
5103-71-9	alpha-Chlordane	5	0.00182	U
319-85-7	beta-BHC	5	0.00182	U
319-86-8	delta-BHC	5	0.00182	U
60-57-1	Dieldrin	5	0.00182	U
959-98-8	Endosulfan I	5	0.00182	U
33213-65-9	Endosulfan II	5	0.00182	U
1031-07-8	Endosulfan sulfate	5	0.00182	U
72-20-8	Endrin	5	0.00182	U
7421-93-4	Endrin aldehyde	5	0.00182	U
53494-70-5	Endrin ketone	5	0.00182	U
58-89-9	gamma-BHC (Lindane)	5	0.00182	U
5566-34-7	gamma-Chlordane	5	0.00182	U
76-44-8	Heptachlor	5	0.00182	U
1024-57-3	Heptachlor epoxide	5	0.00182	U
72-43-5	Methoxychlor	5	0.00182	U
8001-35-2	Toxaphene	5	0.182	U
57-74-9	Chlordane, total	5	0.0364	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0734	0.0491	66.8	30 - 150	
Tetrachloro-m-xylene	0.0734	0.0926	126	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB9A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-03	File ID:	P7024302.D
Sampled:	03/18/24 14:01	Prepared:	03/21/24 12:52	Analyzed:	03/22/24 20:35
Solids:	93.10	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BC41546	Sequence:	S4C2627	Calibration:	SB40031
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00173	U
72-55-9	4,4'-DDE	5	0.00173	U
50-29-3	4,4'-DDT	5	0.00173	U
309-00-2	Aldrin	5	0.00173	U
319-84-6	alpha-BHC	5	0.00173	U
5103-71-9	alpha-Chlordane	5	0.00173	U
319-85-7	beta-BHC	5	0.00173	U
319-86-8	delta-BHC	5	0.00173	U
60-57-1	Dieldrin	5	0.00173	U
959-98-8	Endosulfan I	5	0.00173	U
33213-65-9	Endosulfan II	5	0.00173	U
1031-07-8	Endosulfan sulfate	5	0.00173	U
72-20-8	Endrin	5	0.00173	U
7421-93-4	Endrin aldehyde	5	0.00173	U
53494-70-5	Endrin ketone	5	0.00173	U
58-89-9	gamma-BHC (Lindane)	5	0.00173	U
5566-34-7	gamma-Chlordane	5	0.00173	U
76-44-8	Heptachlor	5	0.00173	U
1024-57-3	Heptachlor epoxide	5	0.00173	U
72-43-5	Methoxychlor	5	0.00173	U
8001-35-2	Toxaphene	5	0.173	U
57-74-9	Chlordane, total	5	0.0345	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0697	0.0574	82.3	30 - 150	
Tetrachloro-m-xylene	0.0697	0.0561	80.5	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB9B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-04	File ID:	P7024303.D
Sampled:	03/18/24 14:29	Prepared:	03/21/24 12:52	Analyzed:	03/22/24 20:53
Solids:	93.72	Preparation:	EPA 3550C	Initial/Final:	30.3 g / 10 mL
Batch:	BC41546	Sequence:	S4C2627	Calibration:	SB40031
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00174	U
72-55-9	4,4'-DDE	5	0.00174	U
50-29-3	4,4'-DDT	5	0.00174	U
309-00-2	Aldrin	5	0.00174	U
319-84-6	alpha-BHC	5	0.00174	U
5103-71-9	alpha-Chlordane	5	0.00174	U
319-85-7	beta-BHC	5	0.00174	U
319-86-8	delta-BHC	5	0.00174	U
60-57-1	Dieldrin	5	0.00174	U
959-98-8	Endosulfan I	5	0.00174	U
33213-65-9	Endosulfan II	5	0.00174	U
1031-07-8	Endosulfan sulfate	5	0.00174	U
72-20-8	Endrin	5	0.00174	U
7421-93-4	Endrin aldehyde	5	0.00174	U
53494-70-5	Endrin ketone	5	0.00174	U
58-89-9	gamma-BHC (Lindane)	5	0.00174	U
5566-34-7	gamma-Chlordane	5	0.00174	U
76-44-8	Heptachlor	5	0.00174	U
1024-57-3	Heptachlor epoxide	5	0.00174	U
72-43-5	Methoxychlor	5	0.00174	U
8001-35-2	Toxaphene	5	0.174	U
57-74-9	Chlordane, total	5	0.0349	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0704	0.0474	67.3	30 - 150	
Tetrachloro-m-xylene	0.0704	0.0514	73.0	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05	File ID:	P7024304.D
Sampled:	03/18/24 14:46	Prepared:	03/21/24 12:52	Analyzed:	03/22/24 21:11
Solids:	82.36	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BC41546	Sequence:	S4C2627	Calibration:	SB40031
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00197	U
72-55-9	4,4'-DDE	5	0.00197	U
50-29-3	4,4'-DDT	5	0.00197	U
309-00-2	Aldrin	5	0.00197	U
319-84-6	alpha-BHC	5	0.00197	U
5103-71-9	alpha-Chlordane	5	0.00197	U
319-85-7	beta-BHC	5	0.00197	U
319-86-8	delta-BHC	5	0.00197	U
60-57-1	Dieldrin	5	0.00197	U
959-98-8	Endosulfan I	5	0.00197	U
33213-65-9	Endosulfan II	5	0.00197	U
1031-07-8	Endosulfan sulfate	5	0.00197	U
72-20-8	Endrin	5	0.00197	U
7421-93-4	Endrin aldehyde	5	0.00197	U
53494-70-5	Endrin ketone	5	0.00197	U
58-89-9	gamma-BHC (Lindane)	5	0.00197	U
5566-34-7	gamma-Chlordane	5	0.00197	U
76-44-8	Heptachlor	5	0.00197	U
1024-57-3	Heptachlor epoxide	5	0.00197	U
72-43-5	Methoxychlor	5	0.00197	U
8001-35-2	Toxaphene	5	0.197	U
57-74-9	Chlordane, total	5	0.0394	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0796	0.0595	74.8	30 - 150	
Tetrachloro-m-xylene	0.0796	0.0578	72.6	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID: P600430143.D

Sampled: 03/18/24 15:09 Prepared: 03/20/24 13:31 Analyzed: 03/23/24 21:40

Solids: 91.94 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41446 Sequence: S4C2552 Calibration: SC40039 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00179	U
72-55-9	4,4'-DDE	5	0.00179	U
50-29-3	4,4'-DDT	5	0.00179	U
309-00-2	Aldrin	5	0.00179	U
319-84-6	alpha-BHC	5	0.00179	U
5103-71-9	alpha-Chlordane	5	0.00179	U
319-85-7	beta-BHC	5	0.00179	U
319-86-8	delta-BHC	5	0.00179	U
60-57-1	Dieldrin	5	0.00179	U
959-98-8	Endosulfan I	5	0.00179	U
33213-65-9	Endosulfan II	5	0.00179	U
1031-07-8	Endosulfan sulfate	5	0.00179	U
72-20-8	Endrin	5	0.00179	U
7421-93-4	Endrin aldehyde	5	0.00179	U
53494-70-5	Endrin ketone	5	0.00179	U
58-89-9	gamma-BHC (Lindane)	5	0.00179	U
5566-34-7	gamma-Chlordane	5	0.00179	U
76-44-8	Heptachlor	5	0.00179	U
1024-57-3	Heptachlor epoxide	5	0.00179	U
72-43-5	Methoxychlor	5	0.00179	U
8001-35-2	Toxaphene	5	0.179	U
57-74-9	Chlordane, total	5	0.0358	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0723	0.0244	33.8	30 - 150	
Tetrachloro-m-xylene	0.0723	0.0164	22.7	30 - 150	*

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07	File ID:	P600430219.D
Sampled:	03/18/24 15:24	Prepared:	03/20/24 13:31	Analyzed:	03/26/24 20:35
Solids:	75.00	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41446	Sequence:	S4C2727	Calibration:	SC40039
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00219	U
72-55-9	4,4'-DDE	5	0.00219	U
50-29-3	4,4'-DDT	5	0.00219	U
309-00-2	Aldrin	5	0.00219	U
319-84-6	alpha-BHC	5	0.00219	U
5103-71-9	alpha-Chlordane	5	0.00219	U
319-85-7	beta-BHC	5	0.00219	U
319-86-8	delta-BHC	5	0.00219	U
60-57-1	Dieldrin	5	0.00219	U
959-98-8	Endosulfan I	5	0.00219	U
33213-65-9	Endosulfan II	5	0.00219	U
1031-07-8	Endosulfan sulfate	5	0.00219	U
72-20-8	Endrin	5	0.00219	U
7421-93-4	Endrin aldehyde	5	0.00219	U
53494-70-5	Endrin ketone	5	0.00219	U
58-89-9	gamma-BHC (Lindane)	5	0.00219	U
5566-34-7	gamma-Chlordane	5	0.00219	U
76-44-8	Heptachlor	5	0.00219	U
1024-57-3	Heptachlor epoxide	5	0.00219	U
72-43-5	Methoxychlor	5	0.00219	U
8001-35-2	Toxaphene	5	0.219	U
57-74-9	Chlordane, total	5	0.0439	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0886	0.0777	87.7	30 - 150	
Tetrachloro-m-xylene	0.0886	0.0786	88.7	30 - 150	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

CLASS: ARO

METHOD: EPA 8082A

DATA PACKAGE COVER PAGE

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/24/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Soil
Laboratory ID: 24C1132-01
File ID: P20518320.d
Sampled: 03/18/24 11:40
Prepared: 03/20/24 13:31
Analyzed: 03/22/24 03:52
Solids: 91.33
Preparation: EPA 3550C
Initial/Final: 30.1 g / 10 mL
Batch: BC41446
Sequence: S4C2162
Calibration: SC40002
Instrument: GC_5890_I

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0182	U
11104-28-2	Aroclor 1221	1	0.0182	U
11141-16-5	Aroclor 1232	1	0.0182	U
53469-21-9	Aroclor 1242	1	0.0182	U
12672-29-6	Aroclor 1248	1	0.0182	U
11097-69-1	Aroclor 1254	1	0.0182	U
11096-82-5	Aroclor 1260	1	0.0182	U
37324-23-5	Aroclor 1262	1	0.0182	U
11100-14-4	Aroclor 1268	1	0.0182	U
1336-36-3	Total PCBs	1	0.0182	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0728	0.0567	78.0	30 - 120	
Decachlorobiphenyl	0.0728	0.0196	27.0	30 - 120	*

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02	File ID:	P20518321.d
Sampled:	03/18/24 11:48	Prepared:	03/20/24 13:31	Analyzed:	03/22/24 04:09
Solids:	90.48	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41446	Sequence:	S4C2162	Calibration:	SC40002
Instrument:	GC_5890_I				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0184	U
11104-28-2	Aroclor 1221	1	0.0184	U
11141-16-5	Aroclor 1232	1	0.0184	U
53469-21-9	Aroclor 1242	1	0.0184	U
12672-29-6	Aroclor 1248	1	0.0184	U
11097-69-1	Aroclor 1254	1	0.0184	U
11096-82-5	Aroclor 1260	1	0.0184	U
37324-23-5	Aroclor 1262	1	0.0184	U
11100-14-4	Aroclor 1268	1	0.0184	U
1336-36-3	Total PCBs	1	0.0184	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0734	0.0632	86.0	30 - 120	
Decachlorobiphenyl	0.0734	0.0235	32.0	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID: P1141650.D

Sampled: 03/18/24 14:01 Prepared: 03/21/24 12:52 Analyzed: 03/23/24 00:00

Solids: 93.10 Preparation: EPA 3550C Initial/Final: 30.8 g / 10 mL

Batch: BC41546 Sequence: S4C2253 Calibration: SC40045 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
12674-11-2	Aroclor 1016	1	0.0174	U	UJ
11104-28-2	Aroclor 1221	1	0.0174	U	
11141-16-5	Aroclor 1232	1	0.0174	U	
53469-21-9	Aroclor 1242	1	0.0174	U	
12672-29-6	Aroclor 1248	1	0.0174	U	
11097-69-1	Aroclor 1254	1	0.0174	U	
11096-82-5	Aroclor 1260	1	0.0174	U	
37324-23-5	Aroclor 1262	1	0.0174	U	
11100-14-4	Aroclor 1268	1	0.0174	U	
1336-36-3	Total PCBs	1	0.0174	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0697	0.0492	70.5	30 - 120	
Decachlorobiphenyl	0.0697	0.0391	56.0	30 - 120	

* Values outside of QC limits

MKP 5/9/2024

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB9B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-04	File ID:	P1141651.D
Sampled:	03/18/24 14:29	Prepared:	03/21/24 12:52	Analyzed:	03/23/24 00:13
Solids:	93.72	Preparation:	EPA 3550C	Initial/Final:	30.3 g / 10 mL
Batch:	BC41546	Sequence:	S4C2253	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0176	U
11104-28-2	Aroclor 1221	1	0.0176	U
11141-16-5	Aroclor 1232	1	0.0176	U
53469-21-9	Aroclor 1242	1	0.0176	U
12672-29-6	Aroclor 1248	1	0.0176	U
11097-69-1	Aroclor 1254	1	0.0176	U
11096-82-5	Aroclor 1260	1	0.0176	U
37324-23-5	Aroclor 1262	1	0.0176	U
11100-14-4	Aroclor 1268	1	0.0176	U
1336-36-3	Total PCBs	1	0.0176	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0704	0.0493	70.0	30 - 120	
Decachlorobiphenyl	0.0704	0.0472	67.0	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05	File ID:	P1141652.D
Sampled:	03/18/24 14:46	Prepared:	03/21/24 12:52	Analyzed:	03/23/24 00:27
Solids:	82.36	Preparation:	EPA 3550C	Initial/Final:	30.5 g / 10 mL
Batch:	BC41546	Sequence:	S4C2253	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0199	U
11104-28-2	Aroclor 1221	1	0.0199	U
11141-16-5	Aroclor 1232	1	0.0199	U
53469-21-9	Aroclor 1242	1	0.0199	U
12672-29-6	Aroclor 1248	1	0.0199	U
11097-69-1	Aroclor 1254	1	0.0199	U
11096-82-5	Aroclor 1260	1	0.0199	U
37324-23-5	Aroclor 1262	1	0.104	
11100-14-4	Aroclor 1268	1	0.0199	U
1336-36-3	Total PCBs	1	0.104	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0796	0.0585	73.5	30 - 120	
Decachlorobiphenyl	0.0796	0.0597	75.0	30 - 120	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID: P20518322.d

Sampled: 03/18/24 15:09 Prepared: 03/20/24 13:31 Analyzed: 03/22/24 04:25

Solids: 91.94 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41446 Sequence: S4C2162 Calibration: SC40002 Instrument: GC_5890_I

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0181	U
11104-28-2	Aroclor 1221	1	0.0181	U
11141-16-5	Aroclor 1232	1	0.0181	U
53469-21-9	Aroclor 1242	1	0.0181	U
12672-29-6	Aroclor 1248	1	0.0181	U
11097-69-1	Aroclor 1254	1	0.0181	U
11096-82-5	Aroclor 1260	1	0.0181	U
37324-23-5	Aroclor 1262	1	0.0181	U
11100-14-4	Aroclor 1268	1	0.0181	U
1336-36-3	Total PCBs	1	0.0181	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0723	0.0585	81.0	30 - 120	
Decachlorobiphenyl	0.0723	0.0210	29.0	30 - 120	*

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07	File ID:	P20518323.d
Sampled:	03/18/24 15:24	Prepared:	03/20/24 13:31	Analyzed:	03/22/24 04:42
Solids:	75.00	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41446	Sequence:	S4C2162	Calibration:	SC40002
Instrument:	GC_5890_I				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0221	U
11104-28-2	Aroclor 1221	1	0.0221	U
11141-16-5	Aroclor 1232	1	0.0221	U
53469-21-9	Aroclor 1242	1	0.0221	U
12672-29-6	Aroclor 1248	1	0.0221	U
11097-69-1	Aroclor 1254	1	0.0221	U
11096-82-5	Aroclor 1260 [2C]	1	0.0423	
37324-23-5	Aroclor 1262	1	0.0221	U
11100-14-4	Aroclor 1268	1	0.0221	U
1336-36-3	Total PCBs [2C]	1	0.0423	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0886	0.0873	98.5	30 - 120	
Decachlorobiphenyl	0.0886	0.0377	42.5	30 - 120	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

CLASS: SVOA

METHOD: EPA 8270D SIM

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/24/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB8A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-01	File ID:	E800075701.D
Sampled:	03/18/24 11:40	Prepared:	03/21/24 08:09	Analyzed:	03/27/24 03:17
Solids:	91.33	Preparation:	EPA 3550C	Initial/Final:	10.6 g / 10 mL
Batch:	BC41498	Sequence:	S4C2717	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	18.9	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	472	294	62.4	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02	File ID:	E800075702.D
Sampled:	03/18/24 11:48	Prepared:	03/21/24 08:09	Analyzed:	03/27/24 03:34
Solids:	90.48	Preparation:	EPA 3550C	Initial/Final:	10.3 g / 10 mL
Batch:	BC41498	Sequence:	S4C2717	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.4	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	485	282	58.1	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB9A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-03	File ID:	E800075636.D
Sampled:	03/18/24 14:01	Prepared:	03/22/24 08:34	Analyzed:	03/26/24 05:31
Solids:	93.10	Preparation:	EPA 3550C	Initial/Final:	10.1 g / 10 mL
Batch:	BC41605	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.8	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	495	293	59.2	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB9B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-04	File ID:	E800075703.D
Sampled:	03/18/24 14:29	Prepared:	03/22/24 08:34	Analyzed:	03/27/24 03:52
Solids:	93.72	Preparation:	EPA 3550C	Initial/Final:	10.1 g / 10 mL
Batch:	BC41605	Sequence:	S4C2717	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.8	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	495	292	59.0	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB9C

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-05	File ID:	E800075704.D
Sampled:	03/18/24 14:46	Prepared:	03/22/24 08:34	Analyzed:	03/27/24 04:09
Solids:	82.36	Preparation:	EPA 3550C	Initial/Final:	10.1 g / 10 mL
Batch:	BC41605	Sequence:	S4C2717	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.8	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	495	250	50.5	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB10A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-06	File ID:	E800075705.D
Sampled:	03/18/24 15:09	Prepared:	03/21/24 08:09	Analyzed:	03/27/24 04:26
Solids:	91.94	Preparation:	EPA 3550C	Initial/Final:	10.1 g / 10 mL
Batch:	BC41498	Sequence:	S4C2717	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.8	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	495	274	55.3	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SB10B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-07	File ID:	E800075706.D
Sampled:	03/18/24 15:24	Prepared:	03/21/24 08:09	Analyzed:	03/27/24 04:43
Solids:	75.00	Preparation:	EPA 3550C	Initial/Final:	10.6 g / 10 mL
Batch:	BC41498	Sequence:	S4C2717	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	18.9	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	472	280	59.3	39 - 127.5	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

CLASS: METALS

METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/24/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID: QBICP2-032624ARE_1-080

Sampled: 03/18/24 11:40 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:38

Solids: 91.33 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	13100	1		EPA 6010D	
7440-36-0	Antimony	2.28	1	U	EPA 6010D	
7440-38-2	Arsenic	5.36	1		EPA 6010D	
7440-39-3	Barium	30.8	1		EPA 6010D	
7440-41-7	Beryllium	0.657	1		EPA 6010D	
7440-43-9	Cadmium	0.641	1		EPA 6010D	J-
7440-70-2	Calcium	60800	1		EPA 6010D	
7440-47-3	Chromium	17.9	1		EPA 6010D	
7440-48-4	Cobalt	6.10	1		EPA 6010D	
7440-50-8	Copper	31.0	1		EPA 6010D	
7439-89-6	Iron	20600	1		EPA 6010D	
7439-92-1	Lead	37.2	1		EPA 6010D	
7439-95-4	Magnesium	38300	1		EPA 6010D	
7439-96-5	Manganese	622	1		EPA 6010D	
7440-02-0	Nickel	19.7	1		EPA 6010D	
7440-09-7	Potassium	1850	1		EPA 6010D	J-
7782-49-2	Selenium	2.28	1	U	EPA 6010D	
7440-22-4	Silver	0.460	1	U	EPA 6010D	
7440-23-5	Sodium	88.5	1		EPA 6010D	
7440-28-0	Thallium	2.28	1	U	EPA 6010D	
7440-62-2	Vanadium	19.9	1		EPA 6010D	
7440-66-6	Zinc	82.5	1		EPA 6010D	

MKP 5/9/2024

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID: QBICP2-032624ARE_1-081

Sampled: 03/18/24 11:48 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:41

Solids: 90.48 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	15500	1		EPA 6010D	
7440-36-0	Antimony	2.30	1	U	EPA 6010D	
7440-38-2	Arsenic	6.39	1		EPA 6010D	
7440-39-3	Barium	57.8	1		EPA 6010D	
7440-41-7	Beryllium	0.531	1		EPA 6010D	
7440-43-9	Cadmium	0.276	1	U	EPA 6010D	UJ
7440-70-2	Calcium	12300	1		EPA 6010D	
7440-47-3	Chromium	17.5	1		EPA 6010D	
7440-48-4	Cobalt	7.71	1		EPA 6010D	
7440-50-8	Copper	37.6	1		EPA 6010D	
7439-89-6	Iron	24300	1		EPA 6010D	
7439-92-1	Lead	59.8	1		EPA 6010D	
7439-95-4	Magnesium	10900	1		EPA 6010D	
7439-96-5	Manganese	884	1		EPA 6010D	
7440-02-0	Nickel	20.9	1		EPA 6010D	
7440-09-7	Potassium	2100	1		EPA 6010D	J-
7782-49-2	Selenium	3.92	1		EPA 6010D	
7440-22-4	Silver	0.464	1	U	EPA 6010D	
7440-23-5	Sodium	67.8	1		EPA 6010D	
7440-28-0	Thallium	2.30	1	U	EPA 6010D	
7440-62-2	Vanadium	19.9	1		EPA 6010D	
7440-66-6	Zinc	94.3	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID: QBICP2-032624ARE_1-082

Sampled: 03/18/24 14:01 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:43

Solids: 93.10 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	18000	1		EPA 6010D	
7440-36-0	Antimony	2.24	1	U	EPA 6010D	
7440-38-2	Arsenic	9.57	1		EPA 6010D	
7440-39-3	Barium	65.3	1		EPA 6010D	
7440-41-7	Beryllium	0.794	1		EPA 6010D	
7440-43-9	Cadmium	0.269	1	U	EPA 6010D	UJ
7440-70-2	Calcium	13500	1		EPA 6010D	
7440-47-3	Chromium	20.8	1		EPA 6010D	
7440-48-4	Cobalt	11.2	1		EPA 6010D	
7440-50-8	Copper	50.5	1		EPA 6010D	
7439-89-6	Iron	28800	1		EPA 6010D	
7439-92-1	Lead	24.4	1		EPA 6010D	
7439-95-4	Magnesium	10900	1		EPA 6010D	
7439-96-5	Manganese	853	1		EPA 6010D	
7440-02-0	Nickel	28.3	1		EPA 6010D	
7440-09-7	Potassium	2060	1		EPA 6010D	J-
7782-49-2	Selenium	3.82	1		EPA 6010D	
7440-22-4	Silver	0.451	1	U	EPA 6010D	
7440-23-5	Sodium	311	1		EPA 6010D	
7440-28-0	Thallium	2.24	1	U	EPA 6010D	
7440-62-2	Vanadium	20.3	1		EPA 6010D	
7440-66-6	Zinc	87.4	1		EPA 6010D	

MKP 5/9/2024

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID: QBICP2-032624ARE_1-083

Sampled: 03/18/24 14:29 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:46

Solids: 93.72 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	12600	1		EPA 6010D	
7440-36-0	Antimony	2.22	1	U	EPA 6010D	
7440-38-2	Arsenic	7.24	1		EPA 6010D	
7440-39-3	Barium	59.0	1		EPA 6010D	
7440-41-7	Beryllium	0.505	1		EPA 6010D	
7440-43-9	Cadmium	0.357	1		EPA 6010D	J-
7440-70-2	Calcium	99000	1		EPA 6010D	
7440-47-3	Chromium	13.1	1		EPA 6010D	
7440-48-4	Cobalt	6.00	1		EPA 6010D	
7440-50-8	Copper	23.5	1		EPA 6010D	
7439-89-6	Iron	17200	1		EPA 6010D	
7439-92-1	Lead	13.0	1		EPA 6010D	
7439-95-4	Magnesium	43100	1		EPA 6010D	
7439-96-5	Manganese	605	1		EPA 6010D	
7440-02-0	Nickel	15.3	1		EPA 6010D	
7440-09-7	Potassium	2830	1		EPA 6010D	J-
7782-49-2	Selenium	2.22	1	U	EPA 6010D	
7440-22-4	Silver	0.448	1	U	EPA 6010D	
7440-23-5	Sodium	153	1		EPA 6010D	
7440-28-0	Thallium	2.22	1	U	EPA 6010D	
7440-62-2	Vanadium	18.3	1		EPA 6010D	
7440-66-6	Zinc	50.8	1		EPA 6010D	

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EPA 6010D

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID: QBICP2-032624ARE_1-084

Sampled: 03/18/24 14:46 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:48

Solids: 82.36 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	18900	1		EPA 6010D	
7440-36-0	Antimony	2.53	1	U	EPA 6010D	
7440-38-2	Arsenic	4.90	1		EPA 6010D	
7440-39-3	Barium	146	1		EPA 6010D	
7440-41-7	Beryllium	0.877	1		EPA 6010D	
7440-43-9	Cadmium	0.304	1	U	EPA 6010D	UJ
7440-70-2	Calcium	1610	1		EPA 6010D	
7440-47-3	Chromium	23.6	1		EPA 6010D	
7440-48-4	Cobalt	12.1	1		EPA 6010D	
7440-50-8	Copper	25.8	1		EPA 6010D	
7439-89-6	Iron	23400	1		EPA 6010D	
7439-92-1	Lead	24.7	1		EPA 6010D	
7439-95-4	Magnesium	5730	1		EPA 6010D	
7439-96-5	Manganese	234	1		EPA 6010D	
7440-02-0	Nickel	28.3	1		EPA 6010D	
7440-09-7	Potassium	2060	1		EPA 6010D	J-
7782-49-2	Selenium	3.44	1		EPA 6010D	
7440-22-4	Silver	0.510	1	U	EPA 6010D	
7440-23-5	Sodium	76.3	1		EPA 6010D	
7440-28-0	Thallium	2.53	1	U	EPA 6010D	
7440-62-2	Vanadium	25.8	1		EPA 6010D	
7440-66-6	Zinc	86.0	1		EPA 6010D	

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EPA 6010D

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID: QBICP2-032624ARE_1-085

Sampled: 03/18/24 15:09 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:51

Solids: 91.94 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	16200	1		EPA 6010D	
7440-36-0	Antimony	2.27	1	U	EPA 6010D	
7440-38-2	Arsenic	7.58	1		EPA 6010D	
7440-39-3	Barium	55.6	1		EPA 6010D	
7440-41-7	Beryllium	0.597	1		EPA 6010D	
7440-43-9	Cadmium	0.272	1	U	EPA 6010D	UJ
7440-70-2	Calcium	27500	1		EPA 6010D	
7440-47-3	Chromium	16.1	1		EPA 6010D	
7440-48-4	Cobalt	8.84	1		EPA 6010D	
7440-50-8	Copper	40.0	1		EPA 6010D	
7439-89-6	Iron	24600	1		EPA 6010D	
7439-92-1	Lead	24.7	1		EPA 6010D	
7439-95-4	Magnesium	17900	1		EPA 6010D	
7439-96-5	Manganese	1030	1		EPA 6010D	
7440-02-0	Nickel	22.9	1		EPA 6010D	
7440-09-7	Potassium	1950	1		EPA 6010D	J-
7782-49-2	Selenium	2.70	1		EPA 6010D	
7440-22-4	Silver	0.457	1	U	EPA 6010D	
7440-23-5	Sodium	69.2	1		EPA 6010D	
7440-28-0	Thallium	2.27	1	U	EPA 6010D	
7440-62-2	Vanadium	18.1	1		EPA 6010D	
7440-66-6	Zinc	78.8	1		EPA 6010D	

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EPA 6010D

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-07 File ID: QBICP2-032624ARE_1-086

Sampled: 03/18/24 15:24 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:53

Solids: 75.00 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	29700	1		EPA 6010D	
7440-36-0	Antimony	2.78	1	U	EPA 6010D	
7440-38-2	Arsenic	11.4	1		EPA 6010D	
7440-39-3	Barium	228	1		EPA 6010D	
7440-41-7	Beryllium	1.26	1		EPA 6010D	
7440-43-9	Cadmium	0.333	1	U	EPA 6010D	UJ
7440-70-2	Calcium	12600	1		EPA 6010D	
7440-47-3	Chromium	32.9	1		EPA 6010D	
7440-48-4	Cobalt	14.7	1		EPA 6010D	
7440-50-8	Copper	44.3	1		EPA 6010D	
7439-89-6	Iron	38400	1		EPA 6010D	
7439-92-1	Lead	25.8	1		EPA 6010D	
7439-95-4	Magnesium	10400	1		EPA 6010D	
7439-96-5	Manganese	778	1		EPA 6010D	
7440-02-0	Nickel	36.6	1		EPA 6010D	
7440-09-7	Potassium	6600	1		EPA 6010D	J-
7782-49-2	Selenium	5.41	1		EPA 6010D	
7440-22-4	Silver	0.560	1	U	EPA 6010D	
7440-23-5	Sodium	204	1		EPA 6010D	
7440-28-0	Thallium	2.78	1	U	EPA 6010D	
7440-62-2	Vanadium	36.8	1		EPA 6010D	
7440-66-6	Zinc	93.3	1		EPA 6010D	

MKP 5/9/2024

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

CLASS: HG

METHOD: EPA 7473

No data validation qualifiers were added

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DATA PACKAGE COVER PAGE

EPA 7473

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/24/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID:

Sampled: 03/18/24 11:40 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 91.33 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0328	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB8B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-02	File ID:	
Sampled:	03/18/24 11:48	Prepared:	03/26/24 09:37	Analyzed:	03/27/24 09:11
Solids:	90.48	Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g
Batch:	BC41839	Sequence:	S4C2702	Calibration:	03/27/24 0
Instrument:	DMA 80-02				

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0587	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID:

Sampled: 03/18/24 14:01 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 93.10 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0376	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID:

Sampled: 03/18/24 14:29 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 93.72 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0320	1	U	EPA 7473

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EPA 7473

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID:

Sampled: 03/18/24 14:46 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 82.36 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.167	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB10A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1132
Client:	DT Consulting Services			Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1132-06	File ID:	
Sampled:	03/18/24 15:09	Prepared:	03/26/24 09:37	Analyzed:	03/27/24 09:11
Solids:	91.94	Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g
Batch:	BC41839	Sequence:	S4C2702	Calibration:	03/27/24 0
Instrument:	DMA 80-02				

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0393	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-07 File ID:

Sampled: 03/18/24 15:24 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 75.00 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0480	1		EPA 7473

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

CLASS: WET

METHOD: EPA 9014/9010C

No data validation qualifiers were added

MKP 5/9/2024

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EPA 9014/9010C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/23/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID:

Sampled: 03/18/24 11:40 Prepared: 03/20/24 07:26 Analyzed: 03/20/24 10:51

Solids: 91.33 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41386 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.547	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID:

Sampled: 03/18/24 11:48 Prepared: 03/20/24 07:26 Analyzed: 03/20/24 10:51

Solids: 90.48 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41386 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.553	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID:

Sampled: 03/18/24 14:01 Prepared: 03/21/24 14:41 Analyzed: 03/21/24 19:29

Solids: 93.10 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41560 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.537	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID:

Sampled: 03/18/24 14:29 Prepared: 03/21/24 14:41 Analyzed: 03/21/24 19:29

Solids: 93.72 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41560 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.534	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID:

Sampled: 03/18/24 14:46 Prepared: 03/21/24 14:41 Analyzed: 03/21/24 19:29

Solids: 82.36 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41560 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.607	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID:

Sampled: 03/18/24 15:09 Prepared: 03/20/24 07:26 Analyzed: 03/20/24 10:51

Solids: 91.94 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41386 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.544	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-07 File ID:

Sampled: 03/18/24 15:24 Prepared: 03/20/24 07:26 Analyzed: 03/20/24 10:51

Solids: 75.00 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41386 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.667	1	U	EPA 9014/9010C

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1132

CLASS: WET

METHOD: SM 2540G

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

SM 2540G

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SB8A	24C1132-01
SB8B	24C1132-02
SB9A	24C1132-03
SB9B	24C1132-04
SB9C	24C1132-05
SB10A	24C1132-06
SB10B	24C1132-07
SB11A	24C1132-08
SB11B	24C1132-09
SB12A	24C1132-10

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/23/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB8A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-01 File ID:

Sampled: 03/18/24 11:40 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 91.33 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	91.3	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB8B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-02 File ID:

Sampled: 03/18/24 11:48 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 90.48 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	90.5	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB9A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-03 File ID:

Sampled: 03/18/24 14:01 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 93.10 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	93.1	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB9B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-04 File ID:

Sampled: 03/18/24 14:29 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 93.72 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	93.7	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB9C

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-05 File ID:

Sampled: 03/18/24 14:46 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 82.36 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	82.4	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB10A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-06 File ID:

Sampled: 03/18/24 15:09 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 91.94 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	91.9	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB10B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-07 File ID:

Sampled: 03/18/24 15:24 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 75.00 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	75.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB11A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-08 File ID:

Sampled: 03/18/24 12:10 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 92.02 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	92.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB11B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-09 File ID:

Sampled: 03/18/24 12:18 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 87.84 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	87.8	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB12A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1132

Client: DT Consulting Services Project: C314132 Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1132-10 File ID:

Sampled: 03/18/24 10:55 Prepared: 03/21/24 13:38 Analyzed: 03/21/24 15:47

Solids: 94.32 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41552 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	94.3	1		SM 2540G

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41615	Laboratory ID:	BC41615-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	45.1	90.3	74 - 131
Methylcyclohexane	50.0	42.8	85.7	70 - 130
Methylene chloride	50.0	47.9	95.9	57 - 141
Naphthalene	50.0	46.7	93.3	86 - 141
n-Butylbenzene	50.0	48.5	97.1	80 - 130
n-Propylbenzene	50.0	48.9	97.9	74 - 136
o-Xylene	50.0	48.1	96.2	83 - 123
p- & m- Xylenes	100	94.4	94.4	82 - 128
p-Diethylbenzene	50.0	47.7	95.3	70 - 144
p-Ethyltoluene	50.0	49.8	99.5	84 - 123
p-Isopropyltoluene	50.0	48.8	97.7	85 - 125
sec-Butylbenzene	50.0	48.4	96.8	83 - 125
Styrene	50.0	48.1	96.2	86 - 126
tert-Amyl alcohol (TAA)	500	449	89.9	70 - 130
tert-Amyl methyl ether (TAME)	50.0	47.0	93.9	70 - 130
tert-Butyl alcohol (TBA)	250	235	93.9	70 - 130
tert-Butylbenzene	50.0	47.6	95.3	80 - 127
Tetrachloroethylene	50.0	30.6	61.3 *	80 - 129
Tetrahydrofuran	50.0	43.7	87.3	64 - 137
Toluene	50.0	46.8	93.7	85 - 121
trans-1,2-Dichloroethylene	50.0	46.6	93.2	72 - 132
trans-1,3-Dichloropropylene	50.0	45.5	90.9	78 - 132
trans-1,4-dichloro-2-butene	50.0	49.2	98.4	75 - 135
Trichloroethylene	50.0	44.4	88.8	84 - 123
Trichlorofluoromethane	50.0	47.4	94.9	62 - 140
Vinyl acetate	50.0	69.7	139 *	67 - 136
Vinyl Chloride	50.0	43.7	87.5	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41615	Laboratory ID:	BC41615-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	46.2	92.4		2.34	30	74 - 131
Methylcyclohexane	50.0	43.4	86.7		1.21	30	70 - 130
Methylene chloride	50.0	48.8	97.5		1.72	30	57 - 141
Naphthalene	50.0	46.9	93.8		0.534	30	86 - 141
n-Butylbenzene	50.0	47.9	95.7		1.39	30	80 - 130
n-Propylbenzene	50.0	48.8	97.6		0.327	30	74 - 136
o-Xylene	50.0	48.6	97.2		1.08	30	83 - 123
p- & m- Xylenes	100	95.5	95.5		1.18	30	82 - 128
p-Diethylbenzene	50.0	46.6	93.3		2.18	30	70 - 144
p-Ethyltoluene	50.0	49.8	99.6		0.100	30	84 - 123
p-Isopropyltoluene	50.0	48.1	96.2		1.46	30	85 - 125
sec-Butylbenzene	50.0	48.4	96.8		0.0413	30	83 - 125
Styrene	50.0	48.6	97.2		0.993	30	86 - 126
tert-Amyl alcohol (TAA)	500	461	92.2		2.58	30	70 - 130
tert-Amyl methyl ether (TAME)	50.0	48.2	96.3		2.48	30	70 - 130
tert-Butyl alcohol (TBA)	250	247	98.6		4.97	30	70 - 130
tert-Butylbenzene	50.0	47.4	94.7		0.611	30	80 - 127
Tetrachloroethylene	50.0	31.0	61.9	*	1.01	30	80 - 129
Tetrahydrofuran	50.0	46.1	92.2		5.46	30	64 - 137
Toluene	50.0	47.0	94.0		0.298	30	85 - 121
trans-1,2-Dichloroethylene	50.0	46.5	93.0		0.215	30	72 - 132
trans-1,3-Dichloropropylene	50.0	47.0	94.0		3.35	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	50.1	100		1.79	30	75 - 135
Trichloroethylene	50.0	44.4	88.8		0.0225	30	84 - 123
Trichlorofluoromethane	50.0	46.5	93.0		1.98	30	62 - 140
Vinyl acetate	50.0	72.2	144	*	3.59	30	67 - 136
Vinyl Chloride	50.0	43.7	87.4		0.114	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41615	Laboratory ID:	BC41615-BS2
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	49.4	98.8	74 - 131
Methylcyclohexane	50.0	44.8	89.6	70 - 130
Methylene chloride	50.0	49.5	99.0	57 - 141
Naphthalene	50.0	50.8	102	86 - 141
n-Butylbenzene	50.0	50.3	101	80 - 130
n-Propylbenzene	50.0	51.6	103	74 - 136
o-Xylene	50.0	49.0	98.0	83 - 123
p- & m- Xylenes	100	97.5	97.5	82 - 128
p-Diethylbenzene	50.0	49.4	98.8	70 - 144
p-Ethyltoluene	50.0	53.1	106	84 - 123
p-Isopropyltoluene	50.0	50.7	101	85 - 125
sec-Butylbenzene	50.0	51.0	102	83 - 125
Styrene	50.0	49.5	99.0	86 - 126
tert-Amyl alcohol (TAA)	500	524	105	70 - 130
tert-Amyl methyl ether (TAME)	50.0	50.8	102	70 - 130
tert-Butyl alcohol (TBA)	250	257	103	70 - 130
tert-Butylbenzene	50.0	50.8	102	80 - 127
Tetrachloroethylene	50.0	29.6	59.2 *	80 - 129
Tetrahydrofuran	50.0	47.8	95.6	64 - 137
Toluene	50.0	48.9	97.7	85 - 121
trans-1,2-Dichloroethylene	50.0	48.4	96.7	72 - 132
trans-1,3-Dichloropropylene	50.0	50.2	100	78 - 132
trans-1,4-dichloro-2-butene	50.0	52.4	105	75 - 135
Trichloroethylene	50.0	45.7	91.5	84 - 123
Trichlorofluoromethane	50.0	49.8	99.5	62 - 140
Vinyl acetate	50.0	78.3	157 *	67 - 136
Vinyl Chloride	50.0	44.8	89.5	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41618	Laboratory ID:	BC41618-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	43.4	86.8		1.25	30	74 - 131
Methylcyclohexane	50.0	50.9	102		0.705	30	70 - 130
Methylene chloride	50.0	46.6	93.2		0.257	30	57 - 141
Naphthalene	50.0	59.8	120		1.16	30	86 - 141
n-Butylbenzene	50.0	60.4	121		1.80	30	80 - 130
n-Propylbenzene	50.0	60.6	121		1.62	30	74 - 136
o-Xylene	50.0	55.9	112		0.466	30	83 - 123
p- & m- Xylenes	100	116	116		0.929	30	82 - 128
p-Diethylbenzene	50.0	59.4	119		2.00	30	70 - 144
p-Ethyltoluene	50.0	59.7	119		1.59	30	84 - 123
p-Isopropyltoluene	50.0	61.4	123		1.34	30	85 - 125
sec-Butylbenzene	50.0	60.8	122		1.37	30	83 - 125
Styrene	50.0	56.6	113		0.141	30	86 - 126
tert-Amyl alcohol (TAA)	500	423	84.6		0.752	30	70 - 130
tert-Amyl methyl ether (TAME)	50.0	44.4	88.8		1.50	30	70 - 130
tert-Butyl alcohol (TBA)	250	221	88.3		1.88	30	70 - 130
tert-Butylbenzene	50.0	59.5	119		0.887	30	80 - 127
Tetrachloroethylene	50.0	35.2	70.5	*	1.38	30	80 - 129
Tetrahydrofuran	50.0	44.7	89.5		1.71	30	64 - 137
Toluene	50.0	55.1	110		0.471	30	85 - 121
trans-1,2-Dichloroethylene	50.0	42.1	84.2		0.332	30	72 - 132
trans-1,3-Dichloropropylene	50.0	54.8	110		0.475	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	62.2	124		0.161	30	75 - 135
Trichloroethylene	50.0	51.7	103		1.02	30	84 - 123
Trichlorofluoromethane	50.0	39.7	79.4		1.40	30	62 - 140
Vinyl acetate	50.0	71.2	142	*	6.67	30	67 - 136
Vinyl Chloride	50.0	37.0	74.0		1.95	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41760	Laboratory ID:	BC41760-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	54.9	110	74 - 131
Methylcyclohexane	50.0	55.3	111	70 - 130
Methylene chloride	50.0	48.8	97.6	57 - 141
Naphthalene	50.0	63.5	127	86 - 141
n-Butylbenzene	50.0	50.8	102	80 - 130
n-Propylbenzene	50.0	51.1	102	74 - 136
o-Xylene	50.0	51.7	103	83 - 123
p- & m- Xylenes	100	97.4	97.4	82 - 128
p-Diethylbenzene	50.0	51.7	103	70 - 144
p-Ethyltoluene	50.0	51.1	102	84 - 123
p-Isopropyltoluene	50.0	52.9	106	85 - 125
sec-Butylbenzene	50.0	53.5	107	83 - 125
Styrene	50.0	52.6	105	86 - 126
tert-Amyl alcohol (TAA)	500	545	109	70 - 130
tert-Amyl methyl ether (TAME)	50.0	53.0	106	70 - 130
tert-Butyl alcohol (TBA)	250	261	104	70 - 130
tert-Butylbenzene	50.0	54.2	108	80 - 127
Tetrachloroethylene	50.0	39.4	78.7 *	80 - 129
Tetrahydrofuran	50.0	52.6	105	64 - 137
Toluene	50.0	53.2	106	85 - 121
trans-1,2-Dichloroethylene	50.0	52.5	105	72 - 132
trans-1,3-Dichloropropylene	50.0	51.0	102	78 - 132
trans-1,4-dichloro-2-butene	50.0	54.9	110	75 - 135
Trichloroethylene	50.0	53.4	107	84 - 123
Trichlorofluoromethane	50.0	47.7	95.4	62 - 140
Vinyl acetate	50.0	73.2	146 *	67 - 136
Vinyl Chloride	50.0	53.3	107	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41760	Laboratory ID:	BC41760-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	55.7	111		1.45	30	74 - 131
Methylcyclohexane	50.0	56.0	112		1.22	30	70 - 130
Methylene chloride	50.0	49.2	98.3		0.755	30	57 - 141
Naphthalene	50.0	63.6	127		0.157	30	86 - 141
n-Butylbenzene	50.0	51.2	102		0.882	30	80 - 130
n-Propylbenzene	50.0	51.3	103		0.352	30	74 - 136
o-Xylene	50.0	52.2	104		1.08	30	83 - 123
p- & m- Xylenes	100	98.2	98.2		0.859	30	82 - 128
p-Diethylbenzene	50.0	51.9	104		0.521	30	70 - 144
p-Ethyltoluene	50.0	51.1	102		0.117	30	84 - 123
p-Isopropyltoluene	50.0	53.1	106		0.340	30	85 - 125
sec-Butylbenzene	50.0	53.9	108		0.782	30	83 - 125
Styrene	50.0	53.3	107		1.28	30	86 - 126
tert-Amyl alcohol (TAA)	500	558	112		2.47	30	70 - 130
tert-Amyl methyl ether (TAME)	50.0	53.9	108		1.70	30	70 - 130
tert-Butyl alcohol (TBA)	250	269	108		3.13	30	70 - 130
tert-Butylbenzene	50.0	54.4	109		0.369	30	80 - 127
Tetrachloroethylene	50.0	39.6	79.2	*	0.557	30	80 - 129
Tetrahydrofuran	50.0	53.0	106		0.795	30	64 - 137
Toluene	50.0	54.2	108		1.79	30	85 - 121
trans-1,2-Dichloroethylene	50.0	52.8	106		0.607	30	72 - 132
trans-1,3-Dichloropropylene	50.0	51.7	103		1.38	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	55.9	112		1.77	30	75 - 135
Trichloroethylene	50.0	54.8	110		2.61	30	84 - 123
Trichlorofluoromethane	50.0	48.9	97.8		2.44	30	62 - 140
Vinyl acetate	50.0	68.4	137	*	6.73	30	67 - 136
Vinyl Chloride	50.0	53.5	107		0.356	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41760	Laboratory ID:	BC41760-BS2
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	52.7	105	74 - 131
Methylcyclohexane	50.0	52.1	104	70 - 130
Methylene chloride	50.0	48.4	96.8	57 - 141
Naphthalene	50.0	61.3	123	86 - 141
n-Butylbenzene	50.0	49.1	98.2	80 - 130
n-Propylbenzene	50.0	48.6	97.2	74 - 136
o-Xylene	50.0	49.7	99.3	83 - 123
p- & m- Xylenes	100	93.8	93.8	82 - 128
p-Diethylbenzene	50.0	49.9	99.9	70 - 144
p-Ethyltoluene	50.0	49.2	98.4	84 - 123
p-Isopropyltoluene	50.0	50.8	102	85 - 125
sec-Butylbenzene	50.0	50.6	101	83 - 125
Styrene	50.0	52.1	104	86 - 126
tert-Amyl alcohol (TAA)	500	535	107	70 - 130
tert-Amyl methyl ether (TAME)	50.0	52.3	105	70 - 130
tert-Butyl alcohol (TBA)	250	259	104	70 - 130
tert-Butylbenzene	50.0	50.8	102	80 - 127
Tetrachloroethylene	50.0	32.4	64.8 *	80 - 129
Tetrahydrofuran	50.0	50.2	100	64 - 137
Toluene	50.0	51.3	103	85 - 121
trans-1,2-Dichloroethylene	50.0	54.8	110	72 - 132
trans-1,3-Dichloropropylene	50.0	59.1	118	78 - 132
trans-1,4-dichloro-2-butene	50.0	55.4	111	75 - 135
Trichloroethylene	50.0	49.9	99.9	84 - 123
Trichlorofluoromethane	50.0	47.2	94.3	62 - 140
Vinyl acetate	50.0	91.0	182 *	67 - 136
Vinyl Chloride	50.0	51.4	103	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41760	Laboratory ID:	BC41760-BSD2
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	53.8	108	2.16	30	74 - 131
Methylcyclohexane	50.0	52.3	105	0.307	30	70 - 130
Methylene chloride	50.0	49.4	98.7	1.99	30	57 - 141
Naphthalene	50.0	64.0	128	4.32	30	86 - 141
n-Butylbenzene	50.0	49.2	98.5	0.285	30	80 - 130
n-Propylbenzene	50.0	48.6	97.2	0.0617	30	74 - 136
o-Xylene	50.0	50.0	99.9	0.602	30	83 - 123
p- & m- Xylenes	100	94.2	94.2	0.394	30	82 - 128
p-Diethylbenzene	50.0	49.9	99.7	0.140	30	70 - 144
p-Ethyltoluene	50.0	49.1	98.2	0.224	30	84 - 123
p-Isopropyltoluene	50.0	50.6	101	0.316	30	85 - 125
sec-Butylbenzene	50.0	50.5	101	0.0792	30	83 - 125
Styrene	50.0	52.8	106	1.20	30	86 - 126
tert-Amyl alcohol (TAA)	500	591	118	10.1	30	70 - 130
tert-Amyl methyl ether (TAME)	50.0	53.9	108	3.02	30	70 - 130
tert-Butyl alcohol (TBA)	250	280	112	7.75	30	70 - 130
tert-Butylbenzene	50.0	50.9	102	0.0787	30	80 - 127
Tetrachloroethylene	50.0	32.7	65.5 *	1.11	30	80 - 129
Tetrahydrofuran	50.0	55.9	112	10.7	30	64 - 137
Toluene	50.0	51.8	104	0.912	30	85 - 121
trans-1,2-Dichloroethylene	50.0	55.2	110	0.818	30	72 - 132
trans-1,3-Dichloropropylene	50.0	60.6	121	2.47	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	57.9	116	4.43	30	75 - 135
Trichloroethylene	50.0	50.2	100	0.539	30	84 - 123
Trichlorofluoromethane	50.0	46.6	93.2	1.24	30	62 - 140
Vinyl acetate	50.0	97.2	194 *	6.62	30	67 - 136
Vinyl Chloride	50.0	51.3	103	0.117	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40032
Instrument: VOA No. 3
Calibration Date: 03/13/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2354838	10.91497	8.966572	2.584644E-02			20	
1,1,1-Trichloroethane	1.508969	10.70678	5.193143	5.772525E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5175089	9.032545	10.32057	2.284114E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.008261	11.00782	3.004	6.509127E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.2068774	8.579547	7.879572	1.704823E-02			SPCC (0.1)	
1,1-Dichloroethane	1.921156	12.23411	4.209857	3.096539E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.366592	11.88328	3.041	2.061588E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.397078	12.94216	5.343143	3.458248E-02			20	
1,2,3-Trichlorobenzene	0.6345899	8.217824	14.24171	8.432847E-03			20	
1,2,3-Trichloropropane	0.161538	8.800006	10.36857	0.0167153			20	
1,2,3-Trimethylbenzene	2.328906	9.072664	11.44229	1.393685E-02			20	
1,2,4,5-Tetramethylbenzene	2.256446	13.47415	12.62486	2.615544E-02			20	
1,2,4-Trichlorobenzene	0.7189411	8.913403	13.66671	1.573499E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.481911	11.04767	10.957	2.065589E-02			20	
1,2-Dibromo-3-chloropropane	7.781736E-02	18.22064	12.78043	0.0235351		0.9994609	SPCC (0.05)	
1,2-Dibromoethane	0.186991	9.491808	8.408572	1.484814E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.180387	6.385381	11.85243	1.064965E-02			SPCC (0.4)	
1,2-Dichloroethane	1.161676	12.08354	5.623571	0.0234017			SPCC (0.1)	
1,2-Dichloropropane	0.3046348	9.873288	6.41	2.011633E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.611541	11.94955	10.53086	2.277121E-02			20	
1,3-Dichlorobenzene	1.407632	8.973743	11.31871	1.137173E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3850896	8.939919	8.046286	2.575221E-02			20	
1,4-Dichlorobenzene	1.38204	8.897935	11.42114	1.269212E-02			SPCC (0.5)	
1,4-Dioxane	1.953066E-03	9.690159	6.549428	3.778625E-02			20	
2,2-Dichloropropane	1.397796	10.59242	4.729286	2.238108E-02			20	
2-Butanone	0.0892455	16.67144	4.792572	2.012054E-02		0.9996264	SPCC (0.1)	
2-Chloroethylvinyl ether	0.0364868	19.86391	6.954143	0.02968		0.9983055	0.99	
2-Chlorotoluene	2.517428	12.65885	10.47314	2.136432E-02			20	
2-Hexanone	0.1564147	20.77026	8.089572	3.353164E-02		0.9985036	SPCC (0.1)	
2-Nitropropane	7.414569E-02	23.37181	6.952143	3.250268E-02		0.9994354	0.99	
4-Chlorotoluene	2.310867	12.64775	10.59643	2.411795E-02			20	
4-Methyl-2-pentanone	0.208182	15.49932	7.242286	2.299735E-02		0.999731	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40032
Instrument: VOA No. 3
Calibration Date: 03/13/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Methyl Methacrylate	0.1480524	15.42438	6.475571	2.288983E-02		0.9998005	0.99	
Methyl tert-butyl ether (MTBE)	2.09476	7.537242	3.754286	4.496781E-02			SPCC (0.1)	
Methylcyclohexane	0.6089655	11.00685	6.276714	0.0298092			SPCC (0.1)	
Methylene chloride	2.499784	66.53022	3.563143	4.101315E-02		0.9884163	SPCC (0.1)	*
Naphthalene	1.447355	11.97962	13.96743	7.553855E-03			20	
n-Butylbenzene	3.363845	13.00494	11.76043	2.203662E-02			20	
Nitrobenzene	1.649006E-02	43.12212	13.0388	3.020603E-02		0.9999896	0.99	
n-Propylbenzene	3.940041	13.51083	10.34186	1.856515E-02			20	
o-Xylene	1.052691	11.53054	9.509	1.064357E-02			SPCC (0.3)	
p- & m- Xylenes	1.051346	11.07523	9.070428	8.373962E-03			SPCC (0.1)	
p-Diethylbenzene	1.670125	10.96011	11.73014	2.817156E-02			20	
p-Ethyltoluene	3.10919	9.317632	10.46471	1.982544E-02			20	
p-Isopropyltoluene	2.882136	11.15833	11.29357	1.568166E-02			20	
sec-Butylbenzene	3.571006	12.57729	11.13614	7.689993E-03			20	
Styrene	0.8235585	11.50498	9.539857	2.126854E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.14695	12.30699	5.550857	2.188627E-02			20	
SURR: p-Bromofluorobenzene	1.096881	1.24596	10.11257	6.921527E-03			20	
SURR: Toluene-d8	1.389636	1.612475	7.334429	0.0232565			20	
tert-Amyl alcohol (TAA)	4.322861E-02	6.734594	5.586571	3.249172E-02			20	
tert-Amyl methyl ether (TAME)	2.367087	4.304172	5.599429	4.782791E-02			20	
tert-Butyl alcohol (TBA)	6.141681E-02	13.01976	3.693714	6.418881E-02			20	
tert-Butylbenzene	2.314662	11.94743	10.89343	6.668684E-03			20	
Tetrachloroethylene	0.4352318	11.97821	7.941857	2.369608E-02			SPCC (0.2)	
Tetrahydrofuran	0.2235383	10.20337	5.026571	2.706594E-02			20	
Toluene	1.294434	10.687	7.402286	2.070048E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.509129	14.54454	3.787143	3.638635E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.3187263	15.20006	7.678714	1.876636E-02		0.9998589	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5661633	6.858962	10.36986	1.945648E-02			20	
Trichloroethylene	0.308722	10.29413	6.158571	3.155398E-02			SPCC (0.2)	
Trichlorofluoromethane	1.598012	14.11144	2.512428	0.10669			SPCC (0.1)	
Vinyl acetate	1.112627	9.184313	4.240143	3.302035E-02			20	
Vinyl Chloride	1.278169	11.4455	1.828	0.01737			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40033
Instrument: VOA No. 3
Calibration Date: 03/13/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2295527	8.804521	8.966333	0.0262336			20	
1,1,1-Trichloroethane	1.526498	8.27661	5.1915	3.065271E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4928962	10.61911	10.3215	2.170155E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.9947804	11.27913	2.992	8.740118E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.2057576	9.327645	7.878833	2.535546E-02			SPCC (0.1)	
1,1-Dichloroethane	1.970277	13.79023	4.205333	1.179426E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.376647	18.70389	3.0315	3.768183E-02		0.9989578	SPCC (0.1)	
1,1-Dichloropropylene	1.459304	14.88326	5.340833	2.599329E-02			20	
1,2,3-Trichlorobenzene	0.6463481	6.1977	14.241	7.272767E-03			20	
1,2,3-Trichloropropane	0.1605104	10.2499	10.36883	7.583212E-03			20	
1,2,3-Trimethylbenzene	2.404713	8.47535	11.44233	1.539177E-02			20	
1,2,4,5-Tetramethylbenzene	2.343915	5.642296	12.62283	2.031113E-02			20	
1,2,4-Trichlorobenzene	0.7311754	5.465518	13.66667	7.379921E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.570428	10.07244	10.9565	1.990419E-02			20	
1,2-Dibromo-3-chloropropane	7.120406E-02	21.14697	12.77917	2.858085E-02		0.9986309	SPCC (0.05)	
1,2-Dibromoethane	0.1854075	6.952544	8.408	1.598915E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.203918	5.786504	11.85367	1.387242E-02			SPCC (0.4)	
1,2-Dichloroethane	1.175567	15.22589	5.6225	2.898732E-02		0.9995866	SPCC (0.1)	
1,2-Dichloropropane	0.311824	9.037647	6.4085	1.494155E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.703705	10.19267	10.53117	2.409881E-02			20	
1,3-Dichlorobenzene	1.438343	8.193264	11.3175	1.166642E-03			SPCC (0.6)	
1,3-Dichloropropane	0.385437	8.127305	8.045833	1.506386E-02			20	
1,4-Dichlorobenzene	1.414237	8.0061	11.42	1.934886E-02			SPCC (0.5)	
1,4-Dioxane	1.915088E-03	14.09952	6.555	5.485993E-02			20	
2,2-Dichloropropane	1.37444	7.633319	4.725	1.404815E-02			20	
2-Butanone	8.700511E-02	17.18844	4.795	4.968568E-02		0.9990242	SPCC (0.1)	
2-Chloroethylvinyl ether	3.705546E-02	15.49384	6.953	2.680705E-02		0.9995597	0.99	
2-Chlorotoluene	2.573922	14.68028	10.473	2.992343E-02			20	
2-Hexanone	0.1460911	18.04332	8.089	1.243312E-02		0.9982928	SPCC (0.1)	
2-Nitropropane	6.686206E-02	25.32027	6.95	3.893492E-02		0.9986157	0.99	
4-Chlorotoluene	2.3583	12.97933	10.59617	2.089461E-02			20	
4-Methyl-2-pentanone	0.1979814	11.93191	7.2425	3.444011E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40033
Instrument: VOA No. 3
Calibration Date: 03/13/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.3712807	12.33067	3.164333	0.0617164			SPCC (0.1)	
Acrolein	7.302023E-02	12.44873	3.003	5.318337E-02			20	
Acrylonitrile	0.2514504	6.29689	3.851333	0.0501722			20	
Allyl chloride	1.778356	9.293316	3.408833	5.242816E-02			20	
Benzene	4.163162	11.1979	5.553	1.874743E-02			SPCC (0.5)	
Bromobenzene	1.141147	14.88164	10.2835	1.554541E-02			20	
Bromochloromethane	0.7835693	15.63036	5.005167	5.239124E-02		0.9993929	0.99	
Bromodichloromethane	0.308296	10.51921	6.695333	2.852995E-02			SPCC (0.2)	
Bromoform	8.483676E-02	27.59244	9.814833	1.665296E-02		0.9995562	SPCC (0.1)	
Bromomethane	7.641468E-02	8.082602	2.156	0.0706639			SPCC (0.1)	
Carbon disulfide	2.545243	10.77998	3.254833	5.286357E-02			SPCC (0.1)	
Carbon tetrachloride	1.218326	8.537622	5.327667	0.0395716			SPCC (0.1)	
Chlorobenzene	0.7968729	8.813337	8.8755	2.343275E-02			SPCC (0.5)	
Chloroethane	0.042923	79.15066	2.246667	0.498015			SPCC (0.1)	*
Chloroform	1.836951	12.00779	5.068333	3.711691E-02			SPCC (0.2)	
Chloromethane	1.551225	11.77779	1.7235	9.592215E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.69632	14.00705	4.762	3.044181E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.389598	12.32906	7.1095	7.174876E-03			SPCC (0.2)	
Cyclohexane	1.98377	16.53473	5.197	3.942945E-02		0.9994025	SPCC (0.1)	
Dibromochloromethane	0.1805283	17.80836	8.2885	1.126493E-02		0.9999193	SPCC (0.1)	
Dibromomethane	0.1363	6.822695	6.554167	1.287065E-02			20	
Dichlorodifluoromethane	1.213893	15.93548	1.5275	0.1053419		0.9993356	SPCC (0.1)	
Diisopropyl ether (DIPE)	3.308973	13.98904	4.184	3.680144E-02			20	
Ethanol	5.172219E-03	16.47605	2.844833	0.2449632		0.9993891	0.99	
Ethyl Benzene	1.418554	10.94237	8.949833	2.500858E-02			SPCC (0.1)	
Ethyl Methacrylate	0.2589068	11.89232	7.696	1.661629E-02			20	
Ethyl tert-butyl ether (ETBE)	2.624292	6.697241	4.5255	2.893092E-02			20	
Hexachlorobutadiene	0.4540261	7.555622	13.802	1.752244E-02			20	
Hexachloroethane	0.3804834	19.36823	12.08933	2.480821E-02		0.9998361	0.99	
Iodomethane	0.8647274	11.63386	3.214	9.443947E-03			20	
Isopropylbenzene	3.318485	9.709981	9.888833	2.234986E-02			SPCC (0.1)	
Methyl acetate	0.712405	4.502206	3.4475	3.202757E-02			SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40033
Instrument: VOA No. 3
Calibration Date: 03/13/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Methyl Methacrylate	0.1423429	12.48711	6.475	9.198812E-03			20	
Methyl tert-butyl ether (MTBE)	2.146853	8.08642	3.754	4.404779E-02			SPCC (0.1)	
Methylcyclohexane	0.6314805	7.050734	6.274667	0.0402918			SPCC (0.1)	
Methylene chloride	2.990081	72.44998	3.557	7.612977E-03		0.9840781	SPCC (0.1)	*
Naphthalene	1.479141	6.487615	13.967	1.055407E-02			20	
n-Butylbenzene	3.42899	13.11979	11.76017	2.188575E-02			20	
Nitrobenzene	1.470822E-02	46.74594	13.03875	2.518981E-02		0.9998284	0.99	
n-Propylbenzene	4.051148	13.20654	10.3425	1.982436E-02			20	
o-Xylene	1.08739	9.799669	9.509	7.079418E-03			SPCC (0.3)	
p- & m- Xylenes	1.074087	12.0474	9.0705	6.596213E-03			SPCC (0.1)	
p-Diethylbenzene	1.702869	7.021592	11.73017	0.0293464			20	
p-Ethyltoluene	3.168347	8.136634	10.4645	1.036702E-02			20	
p-Isopropyltoluene	2.969068	7.597007	11.293	8.776379E-03			20	
sec-Butylbenzene	3.71023	10.51338	11.1345	9.342978E-03			20	
Styrene	0.8303404	6.236439	9.54	2.139875E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.11943	13.63729	5.549	0.0274338			20	
SURR: p-Bromofluorobenzene	1.101566	1.253245	10.1125	6.19855E-03			20	
SURR: Toluene-d8	1.38052	1.600517	7.334	2.051592E-02			20	
tert-Amyl alcohol (TAA)	4.287279E-02	3.373782	5.592	3.230295E-02			20	
tert-Amyl methyl ether (TAME)	2.402147	3.962555	5.5985	2.093845E-02			20	
tert-Butyl alcohol (TBA)	5.963327E-02	6.067034	3.708	7.173279E-02			20	
tert-Butylbenzene	2.421174	8.680242	10.8935	2.215328E-02			20	
Tetrachloroethylene	0.5134809	10.20475	7.939667	2.823183E-02			SPCC (0.2)	
Tetrahydrofuran	0.2236814	10.55619	5.028	0.062325			20	
Toluene	1.333085	11.16054	7.401667	1.778404E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.549138	15.31567	3.7815	2.557423E-02		0.9992275	SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2978934	14.52864	7.6775	9.359041E-03			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5467297	6.680709	10.371	6.195747E-03			20	
Trichloroethylene	0.3260449	10.53936	6.156333	1.993118E-02			SPCC (0.2)	
Trichlorofluoromethane	1.451731	9.30923	2.483167	0.1058949			SPCC (0.1)	
Vinyl acetate	0.6873935	19.57437	4.238667	6.769232E-02		0.9995241	0.99	
Vinyl Chloride	1.323602	6.615836	1.831	1.941151E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40034
Instrument: MS VOA 2
Calibration Date: 03/17/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2156169	11.47534	9.098	1.449882E-02			20	
1,1,1-Trichloroethane	1.52281	10.72017	5.294	8.756309E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5997616	11.54128	10.45443	3.156875E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.9101756	13.49544	3.069857	7.570611E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.2232541	11.33006	7.994428	1.953482E-03			SPCC (0.1)	
1,1-Dichloroethane	1.674319	10.50957	4.292286	6.671339E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.249297	11.57581	3.105	2.267185E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.318255	11.03224	5.443429	5.862373E-02			20	
1,2,3-Trichlorobenzene	0.8388309	12.08754	14.41486	1.337913E-02			20	
1,2,3-Trichloropropane	0.2014814	13.42035	10.50514	2.733832E-02			20	
1,2,3-Trimethylbenzene	1.931578	12.2373	11.59714	2.119257E-02			20	
1,2,4,5-Tetramethylbenzene	2.25597	10.98772	12.78686	1.087316E-02			20	
1,2,4-Trichlorobenzene	0.8198381	11.55581	13.83586	1.784641E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.900271	9.87493	11.10743	0.0290905			20	
1,2-Dibromo-3-chloropropane	0.1262707	13.48235	12.93557	2.705709E-02			SPCC (0.05)	
1,2-Dibromoethane	0.2245058	8.883823	8.531	1.607594E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.058278	10.40295	12.00686	2.274074E-02			SPCC (0.4)	
1,2-Dichloroethane	1.287949	10.48009	5.720714	1.408208E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2398781	10.208	6.518143	3.022454E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.879925	10.69366	10.67786	1.926103E-02			20	
1,3-Dichlorobenzene	1.105427	10.14054	11.46914	2.359025E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3784413	9.77166	8.165	2.405924E-02			20	
1,4-Dichlorobenzene	1.117335	10.54931	11.573	1.241196E-02			SPCC (0.5)	
1,4-Dioxane	3.484374E-03	11.74926	6.702	1.273665E-02			20	
2,2-Dichloropropane	1.465096	11.31731	4.818857	5.104533E-02			20	
2-Butanone	0.1436745	10.83024	4.919428	6.643824E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	8.324615E-02	13.10237	7.068	1.770473E-02			20	
2-Chlorotoluene	1.933167	11.89832	10.61686	2.793103E-02			20	
2-Hexanone	0.1782245	10.18624	8.235429	3.575109E-02			SPCC (0.1)	
2-Nitropropane	0.0976808	12.5924	7.063714	4.307383E-02			20	
4-Chlorotoluene	1.679543	12.55701	10.74229	3.031615E-02			20	
4-Methyl-2-pentanone	0.2458488	11.04969	7.385	1.667152E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40035
Instrument: MS VOA 2
Calibration Date: 03/17/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.1984384	10.98905	9.098	1.449882E-02			20	
1,1,1-Trichloroethane	1.453454	9.516048	5.288857	4.624502E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5455441	7.936176	10.45457	3.212972E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.9041793	13.40535	3.051857	0.1045005			SPCC (0.1)	
1,1,2-Trichloroethane	0.2044738	10.53849	7.994571	9.575734E-03			SPCC (0.1)	
1,1-Dichloroethane	1.617856	9.373158	4.287143	5.614177E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.205353	10.92844	3.087	2.014961E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.273925	10.23449	5.44	1.543413E-02			20	
1,2,3-Trichlorobenzene	0.8013441	10.33883	14.414	8.496077E-03			20	
1,2,3-Trichloropropane	0.1796299	10.70095	10.50429	3.180053E-02			20	
1,2,3-Trimethylbenzene	1.75983	11.86969	11.59657	2.725026E-02			20	
1,2,4,5-Tetramethylbenzene	2.083577	10.51095	12.786	2.098981E-02			20	
1,2,4-Trichlorobenzene	0.7810834	10.44317	13.83586	1.784641E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.683597	8.646108	11.104	1.526418E-02			20	
1,2-Dibromo-3-chloropropane	0.1279816	12.21337	12.93543	2.856166E-02			SPCC (0.05)	
1,2-Dibromoethane	0.2100215	9.081018	8.531	1.607594E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.0257	9.758697	12.006	1.319822E-02			SPCC (0.4)	
1,2-Dichloroethane	1.19818	9.98317	5.719857	4.090397E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2395538	11.89047	6.514714	4.632529E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.642671	9.58749	10.677	9.13228E-03			20	
1,3-Dichlorobenzene	0.9987535	9.415766	11.46914	2.359025E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3532191	10.38866	8.165	2.405924E-02			20	
1,4-Dichlorobenzene	1.022805	10.25396	11.57214	1.726442E-02			SPCC (0.5)	
1,4-Dioxane	4.051096E-03	12.92666	6.724428	6.922332E-02			20	
2,2-Dichloropropane	1.344653	7.601499	4.815428	6.851933E-02			20	
2-Butanone	0.1179891	10.56124	4.922857	4.739471E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	8.169227E-02	12.32908	7.068	1.770473E-02			20	
2-Chlorotoluene	1.666031	9.70694	10.616	1.810063E-02			20	
2-Hexanone	0.1691521	12.8632	8.238	2.394434E-02			SPCC (0.1)	
2-Nitropropane	7.962065E-02	14.95875	7.063714	4.307383E-02			20	
4-Chlorotoluene	1.479653	11.43723	10.738	6.925525E-03			20	
4-Methyl-2-pentanone	0.2181756	11.45922	7.388429	4.034442E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40040
Instrument: VOA#11
Calibration Date: 03/20/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2512349	13.49799	9.272429	2.175203E-02			20	
1,1,1-Trichloroethane	1.822532	13.48258	5.474	1.288446E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5037082	13.28946	10.62671	1.854163E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.079599	17.31169	3.232571	5.383502E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.2007289	13.08313	8.173286	6.001513E-03			SPCC (0.1)	
1,1-Dichloroethane	1.993229	13.89712	4.470429	2.334252E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.517772	13.39539	3.27	5.814316E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.592471	11.58688	5.624286	1.483629E-02			20	
1,2,3-Trichlorobenzene	0.6206917	13.35938	14.57343	1.198943E-02			20	
1,2,3-Trichloropropane	0.1621172	15.12347	10.67614	7.474687E-03		0.9994273	0.99	
1,2,3-Trimethylbenzene	1.846854	13.88829	11.76129	1.820605E-02			20	
1,2,4,5-Tetramethylbenzene	1.676187	14.56247	12.946	1.702006E-02			20	
1,2,4-Trichlorobenzene	0.6764154	15.34625	13.996	2.025792E-02		0.9995518	SPCC (0.2)	
1,2,4-Trimethylbenzene	1.882755	11.11258	11.27257	4.426409E-03			20	
1,2-Dibromo-3-chloropropane	0.0792775	11.32031	13.102	1.373048E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1918333	12.63648	8.713143	5.714121E-03			SPCC (0.1)	
1,2-Dichlorobenzene	1.052503	13.8228	12.17443	7.736809E-03			SPCC (0.4)	
1,2-Dichloroethane	1.266181	13.93613	5.903143	1.751352E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2409741	13.08164	6.700143	1.925323E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.943361	12.03239	10.84386	7.486889E-03			20	
1,3-Dichlorobenzene	1.169429	12.73373	11.63729	7.558502E-03			SPCC (0.6)	
1,3-Dichloropropane	0.339485	13.50593	8.343429	2.545015E-02			20	
1,4-Dichlorobenzene	1.160396	13.23181	11.73971	1.557563E-02			SPCC (0.5)	
1,4-Dioxane	1.952244E-03	12.63493	6.838857	5.415996E-02			20	
2,2-Dichloropropane	1.646407	13.3309	5.000857	1.711359E-02			20	
2-Butanone	0.1231212	15.8079	5.052571	0.0369647		0.9978686	SPCC (0.1)	
2-Chloroethylvinyl ether	0.1127142	13.18431	7.239571	1.512781E-02			20	
2-Chlorotoluene	2.041623	13.06914	10.78786	1.006392E-02			20	
2-Hexanone	0.1336039	12.6866	8.380571	1.758527E-02			SPCC (0.1)	
2-Nitropropane	0.119998	13.79671	7.237571	1.300035E-02			20	
4-Chlorotoluene	1.723548	12.35238	10.91157	1.259988E-02			20	
4-Methyl-2-pentanone	0.1761916	10.73105	7.531143	3.706801E-03			SPCC (0.1)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40032
Laboratory ID: S4C1804-SCV1
Sequence: S4C1804
Standard ID: S24C077

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
trans-1,4-dichloro-2-butene	50.0	54.0	8.0	30.00
Trichloroethylene	50.0	51.9	3.8	30.00
Trichlorofluoromethane	50.0	50.1	0.2	30.00
Vinyl acetate	50.0	66.3	32.7 *	30.00
Vinyl Chloride	50.0	48.2	-3.7	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40033
Laboratory ID: S4C1806-SCV1
Sequence: S4C1806
Standard ID: S24C077

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
2-Hexanone	50.0	38.8	-22.4	30.00
4-Chlorotoluene	50.0	48.0	-4.0	30.00
4-Methyl-2-pentanone	50.0	52.4	4.8	30.00
Acetone	50.0	35.3	-29.5	30.00
Acrolein	50.0	38.3	-23.5	30.00
Acrylonitrile	50.0	50.1	0.2	30.00
Benzene	50.0	49.0	-2.1	30.00
Bromobenzene	50.0	50.5	1.0	30.00
Bromochloromethane	50.0	53.2	6.5	30.00
Bromodichloromethane	50.0	54.9	9.7	30.00
Bromoform	50.0	46.5	-7.1	30.00
Bromomethane	50.0	41.8	-16.4	30.00
Carbon disulfide	50.0	55.7	11.4	30.00
Carbon tetrachloride	50.0	50.1	0.3	30.00
Chlorobenzene	50.0	47.2	-5.6	30.00
Chloroethane	50.0	131	161 *	30.00
Chloroform	50.0	49.3	-1.4	30.00
Chloromethane	50.0	47.7	-4.6	30.00
cis-1,2-Dichloroethylene	50.0	49.6	-0.9	30.00
cis-1,3-Dichloropropylene	50.0	54.3	8.6	30.00
Cyclohexane	50.0	53.6	7.3	30.00
Dibromochloromethane	50.0	49.9	-0.2	30.00
Dibromomethane	50.0	49.9	-0.2	30.00
Dichlorodifluoromethane	50.0	48.5	-3.1	30.00
Diisopropyl ether (DIPE)	50.0	52.0	3.9	30.00
Ethyl Benzene	50.0	47.2	-5.7	30.00
Ethyl tert-butyl ether (ETBE)	50.0	52.5	5.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40033
Laboratory ID: S4C1806-SCV1
Sequence: S4C1806
Standard ID: S24C077

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Hexachlorobutadiene	50.0	45.8	-8.4	30.00
Iodomethane	50.0	52.4	4.8	30.00
Isopropylbenzene	50.0	49.1	-1.8	30.00
Methyl acetate	50.0	47.4	-5.3	30.00
Methyl Methacrylate	50.0	54.0	8.0	30.00
Methyl tert-butyl ether (MTBE)	50.0	50.1	0.2	30.00
Methylcyclohexane	50.0	49.7	-0.7	30.00
Methylene chloride	50.0	59.8	19.6	30.00
Naphthalene	50.0	53.3	6.5	30.00
n-Butylbenzene	50.0	47.1	-5.9	30.00
n-Propylbenzene	50.0	47.5	-5.0	30.00
o-Xylene	50.0	47.9	-4.2	30.00
p- & m- Xylenes	100	92.3	-7.7	30.00
p-Diethylbenzene	50.0	47.5	-5.1	30.00
p-Ethyltoluene	50.0	47.5	-5.0	30.00
p-Isopropyltoluene	50.0	47.7	-4.6	30.00
sec-Butylbenzene	50.0	48.1	-3.9	30.00
Styrene	50.0	49.1	-1.9	30.00
tert-Amyl alcohol (TAA)	500	527	5.5	30.00
tert-Amyl methyl ether (TAME)	50.0	50.6	1.2	30.00
tert-Butyl alcohol (TBA)	250	236	-5.4	30.00
tert-Butylbenzene	50.0	48.0	-4.1	30.00
Tetrachloroethylene	50.0	29.1	-41.8 *	30.00
Tetrahydrofuran	50.0	48.4	-3.2	30.00
Toluene	50.0	48.4	-3.3	30.00
trans-1,2-Dichloroethylene	50.0	55.2	10.5	30.00
trans-1,3-Dichloropropylene	50.0	54.5	9.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40034
Laboratory ID: S4C1923-SCV1
Sequence: S4C1923
Standard ID: S24C158

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Hexachlorobutadiene	50.0	49.8	-0.4	30.00
Iodomethane	50.0	39.9	-20.3	30.00
Isopropylbenzene	50.0	51.7	3.4	30.00
Methyl acetate	50.0	43.8	-12.4	30.00
Methyl Methacrylate	50.0	48.8	-2.4	30.00
Methyl tert-butyl ether (MTBE)	50.0	45.3	-9.5	30.00
Methylcyclohexane	50.0	46.3	-7.5	30.00
Methylene chloride	50.0	46.7	-6.5	30.00
Naphthalene	50.0	50.8	1.7	30.00
n-Butylbenzene	50.0	48.6	-2.7	30.00
n-Propylbenzene	50.0	50.7	1.4	30.00
o-Xylene	50.0	49.0	-1.9	30.00
p- & m- Xylenes	100	96.9	-3.1	30.00
p-Diethylbenzene	50.0	47.9	-4.2	30.00
p-Ethyltoluene	50.0	51.8	3.6	30.00
p-Isopropyltoluene	50.0	50.0	0.04	30.00
sec-Butylbenzene	50.0	50.0	0.04	30.00
Styrene	50.0	49.6	-0.8	30.00
tert-Amyl alcohol (TAA)	500	459	-8.2	30.00
tert-Amyl methyl ether (TAME)	50.0	47.0	-6.1	30.00
tert-Butyl alcohol (TBA)	250	251	0.2	30.00
tert-Butylbenzene	50.0	49.8	-0.4	30.00
Tetrachloroethylene	50.0	32.8	-34.4 *	30.00
Tetrahydrofuran	50.0	46.6	-6.9	30.00
Toluene	50.0	49.1	-1.8	30.00
trans-1,2-Dichloroethylene	50.0	47.2	-5.7	30.00
trans-1,3-Dichloropropylene	50.0	47.5	-5.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40035
Laboratory ID: S4C1925-SCV1
Sequence: S4C1925
Standard ID: S24C158

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Hexachlorobutadiene	50.0	50.8	1.7	30.00
Iodomethane	50.0	38.7	-22.5	30.00
Isopropylbenzene	50.0	50.6	1.1	30.00
Methyl acetate	50.0	54.9	9.8	30.00
Methyl Methacrylate	50.0	52.5	5.0	30.00
Methyl tert-butyl ether (MTBE)	50.0	48.3	-3.3	30.00
Methylcyclohexane	50.0	46.0	-8.0	30.00
Methylene chloride	50.0	46.7	-6.6	30.00
Naphthalene	50.0	54.0	8.0	30.00
n-Butylbenzene	50.0	49.3	-1.3	30.00
n-Propylbenzene	50.0	49.6	-0.9	30.00
o-Xylene	50.0	49.8	-0.5	30.00
p- & m- Xylenes	100	97.3	-2.7	30.00
p-Diethylbenzene	50.0	49.0	-1.9	30.00
p-Ethyltoluene	50.0	52.0	4.0	30.00
p-Isopropyltoluene	50.0	50.1	0.3	30.00
sec-Butylbenzene	50.0	50.3	0.5	30.00
Styrene	50.0	51.3	2.7	30.00
tert-Amyl alcohol (TAA)	500	575	15.0	30.00
tert-Amyl methyl ether (TAME)	50.0	51.3	2.5	30.00
tert-Butyl alcohol (TBA)	250	282	12.7	30.00
tert-Butylbenzene	50.0	50.0	0.04	30.00
Tetrachloroethylene	50.0	29.8	-40.3 *	30.00
Tetrahydrofuran	50.0	49.9	-0.1	30.00
Toluene	50.0	49.0	-1.9	30.00
trans-1,2-Dichloroethylene	50.0	47.2	-5.6	30.00
trans-1,3-Dichloropropylene	50.0	49.5	-1.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40040
Laboratory ID: S4C2132-SCV1
Sequence: S4C2132
Standard ID: S24C158

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
2-Hexanone	50.0	51.2	2.5	30.00
4-Chlorotoluene	50.0	52.4	4.7	30.00
4-Methyl-2-pentanone	50.0	53.8	7.6	30.00
Acetone	50.0	34.2	-31.7 *	30.00
Acrolein	50.0	48.7	-2.6	30.00
Acrylonitrile	50.0	51.9	3.7	30.00
Benzene	50.0	52.6	5.1	30.00
Bromobenzene	50.0	52.5	5.0	30.00
Bromochloromethane	50.0	50.2	0.4	30.00
Bromodichloromethane	50.0	51.6	3.2	30.00
Bromoform	50.0	52.7	5.4	30.00
Bromomethane	50.0	52.2	4.4	30.00
Carbon disulfide	50.0	50.9	1.8	30.00
Carbon tetrachloride	50.0	49.9	-0.2	30.00
Chlorobenzene	50.0	51.4	2.9	30.00
Chloroethane	50.0	51.8	3.6	30.00
Chloroform	50.0	50.1	0.3	30.00
Chloromethane	50.0	50.4	0.8	30.00
cis-1,2-Dichloroethylene	50.0	50.5	1.0	30.00
cis-1,3-Dichloropropylene	50.0	50.8	1.5	30.00
Cyclohexane	50.0	54.6	9.2	30.00
Dibromochloromethane	50.0	52.0	3.9	30.00
Dibromomethane	50.0	50.3	0.6	30.00
Dichlorodifluoromethane	50.0	53.7	7.4	30.00
Diisopropyl ether (DIPE)	50.0	53.0	6.0	30.00
Ethyl Benzene	50.0	54.4	8.8	30.00
Ethyl tert-butyl ether (ETBE)	50.0	53.4	6.8	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40040
Laboratory ID: S4C2132-SCV1
Sequence: S4C2132
Standard ID: S24C158

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Hexachlorobutadiene	50.0	51.6	3.1	30.00
Iodomethane	50.0	49.5	-1.0	30.00
Isopropylbenzene	50.0	54.2	8.4	30.00
Methyl acetate	50.0	49.2	-1.6	30.00
Methyl Methacrylate	50.0	53.7	7.4	30.00
Methyl tert-butyl ether (MTBE)	50.0	50.2	0.4	30.00
Methylcyclohexane	50.0	50.1	0.2	30.00
Methylene chloride	50.0	53.9	7.7	30.00
Naphthalene	50.0	53.1	6.1	30.00
n-Butylbenzene	50.0	51.8	3.5	30.00
n-Propylbenzene	50.0	53.8	7.6	30.00
o-Xylene	50.0	53.0	6.1	30.00
p- & m- Xylenes	100	110	9.6	30.00
p-Diethylbenzene	50.0	51.1	2.2	30.00
p-Ethyltoluene	50.0	52.4	4.8	30.00
p-Isopropyltoluene	50.0	53.9	7.7	30.00
sec-Butylbenzene	50.0	54.0	8.0	30.00
Styrene	50.0	53.6	7.3	30.00
tert-Amyl alcohol (TAA)	500	479	-4.3	30.00
tert-Amyl methyl ether (TAME)	50.0	51.0	1.9	30.00
tert-Butyl alcohol (TBA)	250	251	0.4	30.00
tert-Butylbenzene	50.0	53.3	6.6	30.00
Tetrachloroethylene	50.0	33.7	-32.6 *	30.00
Tetrahydrofuran	50.0	50.0	-0.06	30.00
Toluene	50.0	53.1	6.3	30.00
trans-1,2-Dichloroethylene	50.0	50.0	0.0	30.00
trans-1,3-Dichloropropylene	50.0	51.4	2.9	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40040
Laboratory ID: S4C2132-SCV1
Sequence: S4C2132
Standard ID: S24C158

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
trans-1,4-dichloro-2-butene	50.0	53.5	7.1	30.00
Trichloroethylene	50.0	51.5	3.0	30.00
Trichlorofluoromethane	50.0	51.5	3.0	30.00
Vinyl acetate	50.0	65.1	30.2 *	30.00
Vinyl Chloride	50.0	50.1	0.1	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA#11	Calibration:	SC40040
Lab File ID:	V11C016056.D	Calibration Date:	03/20/24 08:00
Sequence:	S4C2511	Injection Date:	03/22/24
Lab Sample ID:	S4C2511-CCV1	Injection Time:	09:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Methyl-2-pentanone	A	50.0	54.9	0.1761916	0.19334	0.1	9.7	20	
Acetone	A	50.0	39.4	0.3433507	0.2955707	0.1	-21.1	20	*
Acrolein	A	50.0	52.9	0.1204326	0.1382162		5.7	20	
Acrylonitrile	A	50.0	44.2	0.2802087	0.2478658		-11.5	20	
Benzene	A	50.0	43.2	4.658151	4.02911	0.5	-13.5	20	
Bromobenzene	A	50.0	56.5	0.8900055	1.005562		13.0	20	
Bromochloromethane	A	50.0	42.4	0.8252792	0.7006693		-15.1	20	
Bromodichloromethane	A	50.0	51.9	0.3170327	0.3288916	0.2	3.7	20	
Bromoform	A	50.0	54.2	0.1420076	0.1538049	0.1	8.3	20	
Bromomethane	A	50.0	43.8	1.105699	0.8655913	0.1	-12.4	20	
Carbon disulfide	A	50.0	42.9	3.263024	2.797455	0.1	-14.3	20	
Carbon tetrachloride	A	50.0	41.4	1.635863	1.356122	0.1	-17.1	20	
Chlorobenzene	A	50.0	52.0	0.7299752	0.7590089	0.5	4.0	20	
Chloroethane	A	50.0	41.0	0.9347747	0.765585	0.1	-18.1	20	
Chloroform	A	50.0	42.4	1.97861	1.679623	0.2	-15.1	20	
Chloromethane	A	50.0	41.1	1.268332	1.043451	0.1	-17.7	20	
cis-1,2-Dichloroethylene	A	50.0	42.4	1.721353	1.460265	0.1	-15.2	20	
cis-1,3-Dichloropropylene	A	50.0	53.6	0.3849114	0.4122824	0.2	7.1	20	
Cyclohexane	A	50.0	45.2	1.996006	1.65308	0.1	-9.7	20	
Dibromochloromethane	A	50.0	53.6	0.2308774	0.2474965	0.1	7.2	20	
Dibromomethane	A	50.0	51.6	0.1355765	0.1399346		3.2	20	
Dichlorodifluoromethane	A	50.0	38.8	1.28031	0.9215556	0.1	-22.4	20	*
Diisopropyl ether (DIPE)	A	50.0	43.0	2.989819	2.571452		-14.0	20	
Ethanol	A	2500	2280	8.669308E-03	0.0079123		-8.7	20	
Ethyl Benzene	A	50.0	54.3	1.217598	1.323281	0.1	8.7	20	
Ethyl tert-butyl ether (ETBE)	A	50.0	44.1	2.85169	2.431019		-11.9	20	
Hexachlorobutadiene	A	50.0	56.0	0.4318296	0.4834246		11.9	20	
Iodomethane	A	50.0	41.1	1.208981	0.99459		-17.7	20	
Isopropylbenzene	A	50.0	57.6	2.547237	2.931819	0.1	15.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA#11	Calibration:	SC40040
Lab File ID:	V11C016056.D	Calibration Date:	03/20/24 08:00
Sequence:	S4C2511	Injection Date:	03/22/24
Lab Sample ID:	S4C2511-CCV1	Injection Time:	09:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	44.3	0.6254065	0.524053	0.1	-11.5	20	
Methyl Methacrylate	A	50.0	53.6	0.1465196	0.1570381		7.2	20	
Methyl tert-butyl ether (MTBE)	A	50.0	42.7	2.651887	2.263292	0.1	-14.7	20	
Methylcyclohexane	A	50.0	50.9	0.5104131	0.5193428	0.1	1.7	20	
Methylene chloride	A	50.0	46.2	1.25417	1.047762	0.1	-7.5	20	
Naphthalene	A	50.0	56.0	1.290103	1.443868		11.9	20	
n-Butylbenzene	A	50.0	57.8	2.463428	2.849824		15.7	20	
n-Propylbenzene	A	50.0	58.7	3.007171	3.53066		17.4	20	
o-Xylene	A	50.0	54.0	0.9240372	0.9974456	0.3	7.9	20	
p- & m- Xylenes	A	100	112	0.8943645	1.002784	0.1	12.1	20	
p-Diethylbenzene	A	50.0	56.6	1.288612	1.457642		13.1	20	
p-Ethyltoluene	A	50.0	55.8	2.509255	2.799449		11.6	20	
p-Isopropyltoluene	A	50.0	58.2	2.243118	2.611747		16.4	20	
sec-Butylbenzene	A	50.0	58.4	2.704972	3.157277		16.7	20	
Styrene	A	50.0	54.2	0.7442577	0.8060993	0.3	8.3	20	
tert-Amyl alcohol (TAA)	A	500	390	7.908032E-02	6.696314E-02		-22.0	20	*
tert-Amyl methyl ether (TAME)	A	50.0	42.7	3.313281	2.829921		-14.6	20	
tert-Butyl alcohol (TBA)	A	250	209	7.653836E-02	7.193799E-02		-16.2	20	
tert-Butylbenzene	A	50.0	57.1	1.822764	2.081189		14.2	20	
Tetrachloroethylene	A	50.0	41.4	0.4612575	0.3814536	0.2	-17.3	20	
Tetrahydrofuran	A	50.0	42.6	0.1149032	9.803694E-02		-14.7	20	
Toluene	A	50.0	52.5	1.135787	1.193198	0.4	5.1	20	
trans-1,2-Dichloroethylene	A	50.0	42.3	1.531377	1.294999	0.1	-15.4	20	
trans-1,3-Dichloropropylene	A	50.0	54.0	0.3336692	0.360346	0.1	8.0	20	
trans-1,4-dichloro-2-butene	A	50.0	58.0	0.5808228	0.6733092		15.9	20	
Trichloroethylene	A	50.0	50.3	0.2748639	0.2763337	0.2	0.5	20	
Trichlorofluoromethane	A	50.0	39.6	1.993242	1.576466	0.1	-20.9	20	*
Vinyl acetate	A	50.0	53.5	1.001995	1.072029		7.0	20	
Vinyl Chloride	A	50.0	40.1	1.466606	1.175567	0.1	-19.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SC40034
Lab File ID:	V2627655.D	Calibration Date:	03/17/24 08:00
Sequence:	S4C2518	Injection Date:	03/22/24
Lab Sample ID:	S4C2518-CCV1	Injection Time:	09:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	45.5	0.2156169	0.1962504		-9.0	20	
1,1,1-Trichloroethane	A	50.0	46.6	1.52281	1.419535	0.1	-6.8	20	
1,1,2,2-Tetrachloroethane	A	50.0	46.7	0.5997616	0.5601941	0.3	-6.6	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	43.4	0.9101756	0.7896779	0.1	-13.2	20	
1,1,2-Trichloroethane	A	50.0	44.2	0.2232541	0.1975247	0.1	-11.5	20	
1,1-Dichloroethane	A	50.0	46.6	1.674319	1.561426	0.2	-6.7	20	
1,1-Dichloroethylene	A	50.0	47.0	1.249297	1.175464	0.1	-5.9	20	
1,1-Dichloropropylene	A	50.0	46.6	1.318255	1.229082		-6.8	20	
1,2,3-Trichlorobenzene	A	50.0	45.1	0.8388309	0.756139		-9.9	20	
1,2,3-Trichloropropane	A	50.0	43.5	0.2014814	0.1751251		-13.1	20	
1,2,4,5-Tetramethylbenzene	A	50.0	44.7	2.25597	2.015361		-10.7	20	
1,2,4-Trichlorobenzene	A	50.0	45.2	0.8198381	0.7411977	0.2	-9.6	20	
1,2,4-Trimethylbenzene	A	50.0	46.5	1.900271	1.768297		-6.9	20	
1,2-Dibromo-3-chloropropane	A	50.0	45.7	0.1262707	0.1154555	0.05	-8.6	20	
1,2-Dibromoethane	A	50.0	44.2	0.2245058	0.1983243	0.1	-11.7	20	
1,2-Dichlorobenzene	A	50.0	44.4	1.058278	0.9385894	0.4	-11.3	20	
1,2-Dichloroethane	A	50.0	46.6	1.287949	1.199921	0.1	-6.8	20	
1,2-Dichloropropane	A	50.0	43.9	0.2398781	0.2107291	0.1	-12.2	20	
1,3,5-Trimethylbenzene	A	50.0	47.1	1.879925	1.769398		-5.9	20	
1,3-Dichlorobenzene	A	50.0	45.2	1.105427	0.9993742	0.6	-9.6	20	
1,3-Dichloropropane	A	50.0	45.0	0.3784413	0.340631		-10.0	20	
1,4-Dichlorobenzene	A	50.0	44.7	1.117335	0.9988736	0.5	-10.6	20	
1,4-Dioxane	A	1000	849	3.484374E-03	2.958456E-03		-15.1	20	
2,2-Dichloropropane	A	50.0	47.7	1.465096	1.39859		-4.5	20	
2-Butanone	A	50.0	47.0	0.1436745	0.1351662	0.1	-5.9	20	
2-Chloroethylvinyl ether	A	50.0	37.5	8.324615E-02	6.244899E-02		-25.0	20	*
2-Chlorotoluene	A	50.0	46.0	1.933167	1.779893		-7.9	20	
2-Hexanone	A	50.0	45.6	0.1782245	0.1624207	0.1	-8.9	20	
4-Chlorotoluene	A	50.0	47.1	1.679543	1.582273		-5.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SC40034
Lab File ID:	V2627655.D	Calibration Date:	03/17/24 08:00
Sequence:	S4C2518	Injection Date:	03/22/24
Lab Sample ID:	S4C2518-CCV1	Injection Time:	09:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	42.8	0.7501991	0.6415444	0.1	-14.5	20	
Methyl Methacrylate	A	50.0	44.3	0.1910728	0.1693785		-11.4	20	
Methyl tert-butyl ether (MTBE)	A	50.0	44.2	3.042907	2.687914	0.1	-11.7	20	
Methylcyclohexane	A	50.0	42.6	0.466836	0.3981977	0.1	-14.7	20	
Methylene chloride	A	50.0	47.6	1.017334	0.967415	0.1	-4.9	20	
Naphthalene	A	50.0	44.5	2.613104	2.324851		-11.0	20	
n-Butylbenzene	A	50.0	46.4	2.510476	2.327892		-7.3	20	
n-Propylbenzene	A	50.0	46.9	2.86192	2.684109		-6.2	20	
o-Xylene	A	50.0	46.8	0.8727298	0.8167308	0.3	-6.4	20	
p- & m- Xylenes	A	100	91.8	0.8851619	0.813017	0.1	-8.2	20	
p-Diethylbenzene	A	50.0	45.1	1.299094	1.171363		-9.8	20	
p-Ethyltoluene	A	50.0	47.1	1.879925	1.769398		-5.9	20	
p-Isopropyltoluene	A	50.0	45.7	2.143928	1.960554		-8.6	20	
sec-Butylbenzene	A	50.0	46.0	2.542468	2.33793		-8.0	20	
Styrene	A	50.0	46.3	0.6930792	0.6413772	0.3	-7.5	20	
tert-Amyl alcohol (TAA)	A	500	415	0.1111727	0.1026704		-16.9	20	
tert-Amyl methyl ether (TAME)	A	50.0	45.0	3.630154	3.263927		-10.1	20	
tert-Butyl alcohol (TBA)	A	250	229	0.1371032	0.1257603		-8.3	20	
tert-Butylbenzene	A	50.0	45.6	1.673415	1.526226		-8.8	20	
Tetrachloroethylene	A	50.0	36.8	0.3681033	0.2708544	0.2	-26.4	20	*
Tetrahydrofuran	A	50.0	43.3	0.3081713	0.2667111		-13.5	20	
Toluene	A	50.0	44.6	1.065083	0.9504906	0.4	-10.8	20	
trans-1,2-Dichloroethylene	A	50.0	46.0	1.302234	1.198172	0.1	-8.0	20	
trans-1,3-Dichloropropylene	A	50.0	45.8	0.3595245	0.3296887	0.1	-8.3	20	
trans-1,4-dichloro-2-butene	A	50.0	46.1	0.7248777	0.6687808		-7.7	20	
Trichloroethylene	A	50.0	43.4	0.2662598	0.2313378	0.2	-13.1	20	
Trichlorofluoromethane	A	50.0	47.4	2.498984	2.367373	0.1	-5.3	20	
Vinyl acetate	A	50.0	52.4	1.04178	1.220104		4.7	20	
Vinyl Chloride	A	50.0	46.1	1.136953	1.048915	0.1	-7.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SC40035
Lab File ID:	V2627656.D	Calibration Date:	03/17/24 08:00
Sequence:	S4C2520	Injection Date:	03/22/24
Lab Sample ID:	S4C2520-CCV2	Injection Time:	10:07

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Methyl-2-pentanone	A	50.0	44.2	0.2181756	0.1926746	0.1	-11.7	20	
Acetone	A	50.0	50.9	0.3529656	0.3595144	0.1	1.9	20	
Acrolein	A	50.0	56.8	0.1289641	0.1465386		13.6	20	
Acrylonitrile	A	50.0	46.8	0.2820636	0.2637017		-6.5	20	
Benzene	A	50.0	47.8	3.755309	3.589968	0.5	-4.4	20	
Bromobenzene	A	50.0	48.5	0.7656384	0.7421139		-3.1	20	
Bromochloromethane	A	50.0	50.0	0.6396625	0.6395794		-0.01	20	
Bromodichloromethane	A	50.0	46.7	0.3027097	0.2825013	0.2	-6.7	20	
Bromoform	A	50.0	48.2	0.1200915	0.1111152	0.1	-3.6	20	
Bromomethane	A	50.0	58.2	0.4970836	0.4423605	0.1	16.3	20	
Carbon disulfide	A	50.0	47.3	2.48763	2.351672	0.1	-5.5	20	
Carbon tetrachloride	A	50.0	49.7	1.140593	1.133096	0.1	-0.7	20	
Chlorobenzene	A	50.0	46.0	0.6323271	0.5823708	0.5	-7.9	20	
Chloroethane	A	50.0	55.0	0.1966957	0.1883006	0.1	10.0	20	
Chloroform	A	50.0	47.7	1.645814	1.571147	0.2	-4.5	20	
Chloromethane	A	50.0	50.4	0.8442742	0.7256198	0.1	0.9	20	
cis-1,2-Dichloroethylene	A	50.0	48.8	1.390584	1.356483	0.1	-2.5	20	
cis-1,3-Dichloropropylene	A	50.0	48.6	0.3775973	0.3666693	0.2	-2.9	20	
Cyclohexane	A	50.0	46.4	1.516378	1.405762	0.1	-7.3	20	
Dibromochloromethane	A	50.0	48.1	0.1975179	0.1901537	0.1	-3.7	20	
Dibromomethane	A	50.0	46.1	0.1515321	0.1396718		-7.8	20	
Dichlorodifluoromethane	A	50.0	42.1	0.8222981	0.6924697	0.1	-15.8	20	
Diisopropyl ether (DIPE)	A	50.0	47.1	2.565921	2.418702		-5.7	20	
Ethanol	A	2500	1230	9.834274E-03	5.097104E-03		-50.9	20	*
Ethyl Benzene	A	50.0	46.5	1.102613	1.025588	0.1	-7.0	20	
Ethyl tert-butyl ether (ETBE)	A	50.0	47.4	2.759052	2.617277		-5.1	20	
Hexachlorobutadiene	A	50.0	47.0	0.3625409	0.340657		-6.0	20	
Iodomethane	A	50.0	48.3	0.6251315	0.7274713		-3.5	20	
Isopropylbenzene	A	50.0	48.6	2.030426	1.975556	0.1	-2.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SC40035
Lab File ID:	V2627656.D	Calibration Date:	03/17/24 08:00
Sequence:	S4C2520	Injection Date:	03/22/24
Lab Sample ID:	S4C2520-CCV2	Injection Time:	10:07

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	45.4	0.8037553	0.6805786	0.1	-9.1	20	
Methyl Methacrylate	A	50.0	46.1	0.1739102	0.1604872		-7.7	20	
Methyl tert-butyl ether (MTBE)	A	50.0	47.4	2.890551	2.739688	0.1	-5.2	20	
Methylcyclohexane	A	50.0	43.5	0.4838511	0.4206248	0.1	-13.1	20	
Methylene chloride	A	50.0	48.9	0.9543613	0.9326436	0.1	-2.3	20	
Naphthalene	A	50.0	46.9	2.487744	2.33379		-6.2	20	
n-Butylbenzene	A	50.0	47.8	2.251359	2.151343		-4.4	20	
n-Propylbenzene	A	50.0	48.7	2.478673	2.413162		-2.6	20	
o-Xylene	A	50.0	46.9	0.8546647	0.8014732	0.3	-6.2	20	
p- & m- Xylenes	A	100	92.2	0.868319	0.8007859	0.1	-7.8	20	
p-Diethylbenzene	A	50.0	46.5	1.162032	1.080311		-7.0	20	
p-Ethyltoluene	A	50.0	48.6	1.642671	1.597895		-2.7	20	
p-Isopropyltoluene	A	50.0	47.3	1.901944	1.798927		-5.4	20	
sec-Butylbenzene	A	50.0	48.3	2.226961	2.151875		-3.4	20	
Styrene	A	50.0	47.3	0.660554	0.624511	0.3	-5.5	20	
tert-Amyl alcohol (TAA)	A	500	473	0.1124796	0.106379		-5.4	20	
tert-Amyl methyl ether (TAME)	A	50.0	47.9	3.415079	3.273767		-4.1	20	
tert-Butyl alcohol (TBA)	A	250	244	0.1228047	0.1222794		-2.3	20	
tert-Butylbenzene	A	50.0	47.6	1.45036	1.381692		-4.7	20	
Tetrachloroethylene	A	50.0	33.6	0.4111418	0.2760784	0.2	-32.9	20	*
Tetrahydrofuran	A	50.0	45.4	0.2672021	0.2427229		-9.2	20	
Toluene	A	50.0	45.4	1.06111	0.9631893	0.4	-9.2	20	
trans-1,2-Dichloroethylene	A	50.0	47.7	1.267992	1.210629	0.1	-4.5	20	
trans-1,3-Dichloropropylene	A	50.0	49.1	0.3228093	0.3168209	0.1	-1.9	20	
trans-1,4-dichloro-2-butene	A	50.0	47.9	0.6373774	0.6101818		-4.3	20	
Trichloroethylene	A	50.0	42.7	0.2739076	0.234092	0.2	-14.5	20	
Trichlorofluoromethane	A	50.0	50.5	2.786468	2.815083	0.1	1.0	20	
Vinyl acetate	A	50.0	29.8	1.754982	1.029591		-40.3	20	*
Vinyl Chloride	A	50.0	47.5	0.8470722	0.8052649	0.1	-4.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SC40032
Lab File ID:	V3181515.D	Calibration Date:	03/13/24 08:00
Sequence:	S4C2539	Injection Date:	03/25/24
Lab Sample ID:	S4C2539-CCV1	Injection Time:	09:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Methyl-2-pentanone	A	50.0	49.4	0.208182	0.2352804	0.1	-1.3	20	
Acetone	A	50.0	54.8	0.3463847	0.3799746	0.1	9.7	20	
Acrolein	A	50.0	43.4	8.558853E-02	7.423187E-02		-13.3	20	
Acrylonitrile	A	50.0	54.5	0.2511287	0.273746		9.0	20	
Benzene	A	50.0	49.7	4.022594	4.001082	0.5	-0.5	20	
Bromobenzene	A	50.0	52.1	1.109252	1.156751		4.3	20	
Bromochloromethane	A	50.0	51.0	0.7815538	0.7967946		2.0	20	
Bromodichloromethane	A	50.0	55.0	0.3276659	0.3606374	0.2	10.1	20	
Bromoform	A	50.0	58.6	9.541191E-02	0.1118244	0.1	17.2	20	
Bromomethane	A	50.0	37.1	0.7187217	0.5332112	0.1	-25.8	20	*
Carbon disulfide	A	50.0	58.6	2.711546	3.176769	0.1	17.2	20	
Carbon tetrachloride	A	50.0	51.2	1.257975	1.288302	0.1	2.4	20	
Chlorobenzene	A	50.0	50.3	0.77675	0.7808248	0.5	0.5	20	
Chloroethane	A	50.0	45.5	0.7061991	0.643093	0.1	-8.9	20	
Chloroform	A	50.0	52.5	1.787414	1.877631	0.2	5.0	20	
Chloromethane	A	50.0	57.1	1.506826	1.721196	0.1	14.2	20	
cis-1,2-Dichloroethylene	A	50.0	52.0	1.655922	1.721604	0.1	4.0	20	
cis-1,3-Dichloropropylene	A	50.0	57.2	0.4071889	0.4661406	0.2	14.5	20	
Cyclohexane	A	50.0	51.4	1.882614	1.936785	0.1	2.9	20	
Dibromochloromethane	A	50.0	56.6	0.1973437	0.2233632	0.1	13.2	20	
Dibromomethane	A	50.0	52.6	0.137828	0.1450875		5.3	20	
Dichlorodifluoromethane	A	50.0	54.9	1.200423	1.286993	0.1	9.8	20	
Diisopropyl ether (DIPE)	A	50.0	51.8	3.20319	3.319113		3.6	20	
Ethanol	A	2500	2270	5.915551E-03	5.375856E-03		-9.1	20	
Ethyl Benzene	A	50.0	48.8	1.377861	1.343424	0.1	-2.5	20	
Ethyl tert-butyl ether (ETBE)	A	50.0	53.3	2.539108	2.708624		6.7	20	
Hexachlorobutadiene	A	50.0	53.7	0.4430541	0.4760006		7.4	20	
Iodomethane	A	50.0	48.6	0.7847833	0.8129353		-2.9	20	
Isopropylbenzene	A	50.0	53.2	3.193832	3.399779	0.1	6.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SC40032
Lab File ID:	V3181515.D	Calibration Date:	03/13/24 08:00
Sequence:	S4C2539	Injection Date:	03/25/24
Lab Sample ID:	S4C2539-CCV1	Injection Time:	09:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	52.2	0.6070768	0.6343347	0.1	4.5	20	
Methyl Methacrylate	A	50.0	50.7	0.1480524	0.1705766		1.5	20	
Methyl tert-butyl ether (MTBE)	A	50.0	53.9	2.09476	2.259978	0.1	7.9	20	
Methylcyclohexane	A	50.0	56.2	0.6089655	0.6849966	0.1	12.5	20	
Methylene chloride	A	50.0	49.4	2.499784	1.477084	0.1	-1.3	20	
Naphthalene	A	50.0	60.8	1.447355	1.759273		21.6	20	*
n-Butylbenzene	A	50.0	49.7	3.363845	3.341419		-0.7	20	
n-Propylbenzene	A	50.0	50.3	3.940041	3.965823		0.7	20	
o-Xylene	A	50.0	50.8	1.052691	1.069729	0.3	1.6	20	
p- & m- Xylenes	A	100	95.1	1.051346	1.000249	0.1	-4.9	20	
p-Diethylbenzene	A	50.0	51.2	1.670125	1.710154		2.4	20	
p-Ethyltoluene	A	50.0	50.8	3.10919	3.156304		1.5	20	
p-Isopropyltoluene	A	50.0	51.1	2.882136	2.945154		2.2	20	
sec-Butylbenzene	A	50.0	52.3	3.571006	3.734897		4.6	20	
Styrene	A	50.0	51.4	0.8235585	0.8457359	0.3	2.7	20	
tert-Amyl alcohol (TAA)	A	500	518	4.322861E-02	4.475547E-02		3.5	20	
tert-Amyl methyl ether (TAME)	A	50.0	51.6	2.367087	2.444139		3.3	20	
tert-Butyl alcohol (TBA)	A	250	256	6.141681E-02	0.0628983		2.4	20	
tert-Butylbenzene	A	50.0	53.2	2.314662	2.462526		6.4	20	
Tetrachloroethylene	A	50.0	46.9	0.4352318	0.4080014	0.2	-6.3	20	
Tetrahydrofuran	A	50.0	51.8	0.2235383	0.231786		3.7	20	
Toluene	A	50.0	51.3	1.294434	1.3275	0.4	2.6	20	
trans-1,2-Dichloroethylene	A	50.0	52.4	1.509129	1.580922	0.1	4.8	20	
trans-1,3-Dichloropropylene	A	50.0	51.1	0.3187263	0.35725	0.1	2.2	20	
trans-1,4-dichloro-2-butene	A	50.0	52.4	0.5661633	0.5930539		4.7	20	
Trichloroethylene	A	50.0	52.7	0.308722	0.3253138	0.2	5.4	20	
Trichlorofluoromethane	A	50.0	43.5	1.598012	1.389426	0.1	-13.1	20	
Vinyl acetate	A	50.0	54.5	1.112627	1.212305		9.0	20	
Vinyl Chloride	A	50.0	49.8	1.278169	1.273338	0.1	-0.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SC40033
Lab File ID:	V3181516.D	Calibration Date:	03/13/24 08:00
Sequence:	S4C2606	Injection Date:	03/25/24
Lab Sample ID:	S4C2606-CCV2	Injection Time:	10:21

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Methyl-2-pentanone	A	50.0	56.1	0.1979814	0.222108	0.1	12.2	20
Acetone	A	50.0	35.3	0.3712807	0.2622087	0.1	-29.4	20 *
Acrolein	A	50.0	46.4	7.302023E-02	0.0678207		-7.1	20
Acrylonitrile	A	50.0	52.4	0.2514504	0.2634135		4.8	20
Benzene	A	50.0	49.0	4.163162	4.081375	0.5	-2.0	20
Bromobenzene	A	50.0	51.5	1.141147	1.174772		2.9	20
Bromochloromethane	A	50.0	55.1	0.7835693	0.7948153		10.2	20
Bromodichloromethane	A	50.0	57.7	0.308296	0.3559365	0.2	15.5	20
Bromoform	A	50.0	52.1	8.483676E-02	0.104841	0.1	4.2	20
Bromomethane	A	50.0	42.3	7.641468E-02	6.464852E-02	0.1	-15.4	20
Carbon disulfide	A	50.0	60.9	2.545243	3.100154	0.1	21.8	20 *
Carbon tetrachloride	A	50.0	52.2	1.218326	1.272073	0.1	4.4	20
Chlorobenzene	A	50.0	49.7	0.7968729	0.7923581	0.5	-0.6	20
Chloroethane	A	50.0	30.2	0.042923	2.594224E-02	0.1	-39.6	20 *
Chloroform	A	50.0	51.3	1.836951	1.886131	0.2	2.7	20
Chloromethane	A	50.0	54.2	1.551225	1.682593	0.1	8.5	20
cis-1,2-Dichloroethylene	A	50.0	51.4	1.69632	1.742611	0.1	2.7	20
cis-1,3-Dichloropropylene	A	50.0	60.2	0.389598	0.4688019	0.2	20.3	20 *
Cyclohexane	A	50.0	54.3	1.98377	1.933139	0.1	8.6	20
Dibromochloromethane	A	50.0	54.7	0.1805283	0.2183937	0.1	9.4	20
Dibromomethane	A	50.0	52.5	0.1363	0.1432056		5.1	20
Dichlorodifluoromethane	A	50.0	56.1	1.213893	1.264421	0.1	12.3	20
Diisopropyl ether (DIPE)	A	50.0	50.5	3.308973	3.343471		1.0	20
Ethanol	A	2500	1980	5.172219E-03	4.809857E-03		-21.0	20 *
Ethyl Benzene	A	50.0	47.4	1.418554	1.343984	0.1	-5.3	20
Ethyl tert-butyl ether (ETBE)	A	50.0	52.7	2.624292	2.763884		5.3	20
Hexachlorobutadiene	A	50.0	53.3	0.4540261	0.4837373		6.5	20
Iodomethane	A	50.0	58.3	0.8647274	1.008707		16.7	20
Isopropylbenzene	A	50.0	51.3	3.318485	3.407164	0.1	2.7	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SC40033
Lab File ID:	V3181516.D	Calibration Date:	03/13/24 08:00
Sequence:	S4C2606	Injection Date:	03/25/24
Lab Sample ID:	S4C2606-CCV2	Injection Time:	10:21

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	45.7	0.712405	0.6506928	0.1	-8.7	20	
Methyl Methacrylate	A	50.0	57.1	0.1423429	0.1624558		14.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	52.9	2.146853	2.272026	0.1	5.8	20	
Methylcyclohexane	A	50.0	53.9	0.6314805	0.6812639	0.1	7.9	20	
Methylene chloride	A	50.0	49.8	2.990081	1.527674	0.1	-0.3	20	
Naphthalene	A	50.0	59.9	1.479141	1.771389		19.8	20	
n-Butylbenzene	A	50.0	49.6	3.42899	3.401776		-0.8	20	
n-Propylbenzene	A	50.0	49.0	4.051148	3.973127		-1.9	20	
o-Xylene	A	50.0	49.4	1.08739	1.074052	0.3	-1.2	20	
p- & m- Xylenes	A	100	93.4	1.074087	1.002708	0.1	-6.6	20	
p-Diethylbenzene	A	50.0	51.0	1.702869	1.736643		2.0	20	
p-Ethyltoluene	A	50.0	50.0	3.168347	3.168247		-0.003	20	
p-Isopropyltoluene	A	50.0	50.2	2.969068	2.979857		0.4	20	
sec-Butylbenzene	A	50.0	51.0	3.71023	3.787579		2.1	20	
Styrene	A	50.0	51.3	0.8303404	0.8514975	0.3	2.5	20	
tert-Amyl alcohol (TAA)	A	500	508	4.287279E-02	4.359727E-02		1.7	20	
tert-Amyl methyl ether (TAME)	A	50.0	51.3	2.402147	2.46392		2.6	20	
tert-Butyl alcohol (TBA)	A	250	246	5.963327E-02	5.879363E-02		-1.4	20	
tert-Butylbenzene	A	50.0	51.4	2.421174	2.490434		2.9	20	
Tetrachloroethylene	A	50.0	36.5	0.5134809	0.375001	0.2	-27.0	20	*
Tetrahydrofuran	A	50.0	51.6	0.2236814	0.2309857		3.3	20	
Toluene	A	50.0	50.2	1.333085	1.337828	0.4	0.4	20	
trans-1,2-Dichloroethylene	A	50.0	57.0	1.549138	1.569713	0.1	14.0	20	
trans-1,3-Dichloropropylene	A	50.0	59.0	0.2978934	0.3517954	0.1	18.1	20	
trans-1,4-dichloro-2-butene	A	50.0	53.0	0.5467297	0.5792577		5.9	20	
Trichloroethylene	A	50.0	49.7	0.3260449	0.3243213	0.2	-0.5	20	
Trichlorofluoromethane	A	50.0	45.6	1.451731	1.324184	0.1	-8.8	20	
Vinyl acetate	A	50.0	72.5	0.6873935	1.233433		45.1	20	*
Vinyl Chloride	A	50.0	50.9	1.323602	1.347359	0.1	1.8	20	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41426	Laboratory ID:	BC41426-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.7	107	82 - 126
1,1,1-Trichloroethane	10.0	11.3	113	78 - 136
1,1,2,2-Tetrachloroethane	10.0	13.5	135 *	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.9	109	54 - 165
1,1,2-Trichloroethane	10.0	11.3	113	82 - 123
1,1-Dichloroethane	10.0	10.6	106	82 - 129
1,1-Dichloroethylene	10.0	10.9	109	68 - 138
1,1-Dichloropropylene	10.0	11.4	114	83 - 133
1,2,3-Trichlorobenzene	10.0	9.90	99.0	76 - 136
1,2,3-Trichloropropane	10.0	12.0	120	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	11.9	119	85 - 140
1,2,4-Trichlorobenzene	10.0	9.78	97.8	76 - 137
1,2,4-Trimethylbenzene	10.0	12.1	121	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.8	108	45 - 147
1,2-Dibromoethane	10.0	11.2	112	83 - 124
1,2-Dichlorobenzene	10.0	11.0	110	79 - 123
1,2-Dichloroethane	10.0	11.9	119	73 - 132
1,2-Dichloropropane	10.0	10.8	108	78 - 126
1,3,5-Trimethylbenzene	10.0	12.0	120	80 - 131
1,3-Dichlorobenzene	10.0	10.8	108	86 - 122
1,3-Dichloropropane	10.0	11.5	115	81 - 125
1,4-Dichlorobenzene	10.0	10.6	106	85 - 124
1,4-Dioxane	210	246	117	10 - 349
2,2-Dichloropropane	10.0	11.5	115	56 - 150
2-Butanone	10.0	9.48	94.8	49 - 152
2-Chlorotoluene	10.0	12.4	124	79 - 130
2-Hexanone	10.0	9.36	93.6	51 - 146
4-Chlorotoluene	10.0	11.7	117	79 - 128
4-Methyl-2-pentanone	10.0	11.4	114	57 - 145
Acetone	10.0	5.53	55.3	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41426	Laboratory ID:	BC41426-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Methylene chloride	10.0	10.2	102		55 - 137
Naphthalene	10.0	11.1	111		70 - 147
n-Butylbenzene	10.0	13.1	131		79 - 132
n-Propylbenzene	10.0	12.0	120		78 - 133
o-Xylene	10.0	11.5	115		78 - 130
p- & m- Xylenes	20.0	23.2	116		77 - 133
p-Diethylbenzene	10.0	12.6	126		84 - 134
p-Ethyltoluene	10.0	12.3	123		88 - 129
p-Isopropyltoluene	10.0	12.0	120		81 - 136
sec-Butylbenzene	10.0	12.3	123		79 - 137
Styrene	10.0	11.5	115		67 - 132
tert-Amyl alcohol (TAA)	100	106	106		70 - 130
tert-Amyl methyl ether (TAME)	10.0	12.2	122		70 - 130
tert-Butyl alcohol (TBA)	50.0	70.5	141		25 - 162
tert-Butylbenzene	10.0	11.6	116		77 - 138
Tetrachloroethylene	10.0	5.40	54.0	*	82 - 131
Tetrahydrofuran	10.0	8.88	88.8		36 - 166
Toluene	10.0	11.2	112		80 - 127
trans-1,2-Dichloroethylene	10.0	10.7	107		80 - 132
trans-1,3-Dichloropropylene	10.0	11.5	115		78 - 131
trans-1,4-dichloro-2-butene	10.0	12.9	129		63 - 141
Trichloroethylene	10.0	10.0	100		82 - 128
Trichlorofluoromethane	10.0	10.9	109		67 - 139
Vinyl acetate	10.0	31.7	317	*	21 - 90
Vinyl Chloride	10.0	10.8	108		58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41426	Laboratory ID:	BC41426-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.6	106	1.13	30	82 - 126
1,1,1-Trichloroethane	10.0	10.3	103	9.16	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	14.0	140 *	3.70	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.0	100	8.23	30	54 - 165
1,1,2-Trichloroethane	10.0	11.6	116	3.23	30	82 - 123
1,1-Dichloroethane	10.0	9.97	99.7	5.84	30	82 - 129
1,1-Dichloroethylene	10.0	9.96	99.6	8.83	30	68 - 138
1,1-Dichloropropylene	10.0	10.5	105	8.04	30	83 - 133
1,2,3-Trichlorobenzene	10.0	11.4	114	14.4	30	76 - 136
1,2,3-Trichloropropane	10.0	12.2	122	1.82	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	11.7	117	1.27	30	85 - 140
1,2,4-Trichlorobenzene	10.0	10.6	106	7.76	30	76 - 137
1,2,4-Trimethylbenzene	10.0	11.3	113	7.35	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	12.4	124	14.4	30	45 - 147
1,2-Dibromoethane	10.0	11.7	117	4.47	30	83 - 124
1,2-Dichlorobenzene	10.0	10.6	106	2.96	30	79 - 123
1,2-Dichloroethane	10.0	11.9	119	0.253	30	73 - 132
1,2-Dichloropropane	10.0	10.4	104	3.12	30	78 - 126
1,3,5-Trimethylbenzene	10.0	11.0	110	9.39	30	80 - 131
1,3-Dichlorobenzene	10.0	10.2	102	5.83	30	86 - 122
1,3-Dichloropropane	10.0	11.7	117	2.07	30	81 - 125
1,4-Dichlorobenzene	10.0	10.1	101	5.60	30	85 - 124
1,4-Dioxane	210	279	133	12.7	30	10 - 349
2,2-Dichloropropane	10.0	10.5	105	9.46	30	56 - 150
2-Butanone	10.0	9.95	99.5	4.84	30	49 - 152
2-Chlorotoluene	10.0	10.4	104	17.5	30	79 - 130
2-Hexanone	10.0	10.1	101	7.61	30	51 - 146
4-Chlorotoluene	10.0	10.7	107	8.67	30	79 - 128
4-Methyl-2-pentanone	10.0	12.6	126	9.51	30	57 - 145
Acetone	10.0	5.71	57.1	3.20	30	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41426	Laboratory ID:	BC41426-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	9.84	98.4		3.69	30	55 - 137
Naphthalene	10.0	13.0	130		16.3	30	70 - 147
n-Butylbenzene	10.0	12.0	120		8.68	30	79 - 132
n-Propylbenzene	10.0	10.8	108		10.9	30	78 - 133
o-Xylene	10.0	10.8	108		5.91	30	78 - 130
p- & m- Xylenes	20.0	21.6	108		7.28	30	77 - 133
p-Diethylbenzene	10.0	11.7	117		7.80	30	84 - 134
p-Ethyltoluene	10.0	11.2	112		9.56	30	88 - 129
p-Isopropyltoluene	10.0	11.0	110		9.12	30	81 - 136
sec-Butylbenzene	10.0	11.1	111		10.1	30	79 - 137
Styrene	10.0	11.0	110		5.07	30	67 - 132
tert-Amyl alcohol (TAA)	100	142	142	*	28.6	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	12.8	128		5.12	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	80.3	161		12.9	30	25 - 162
tert-Butylbenzene	10.0	10.5	105		9.94	30	77 - 138
Tetrachloroethylene	10.0	4.98	49.8	*	8.09	30	82 - 131
Tetrahydrofuran	10.0	10.1	101		12.7	30	36 - 166
Toluene	10.0	10.6	106		5.77	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.1	101		5.97	30	80 - 132
trans-1,3-Dichloropropylene	10.0	11.7	117		1.21	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	13.0	130		0.542	30	63 - 141
Trichloroethylene	10.0	9.35	93.5		6.72	30	82 - 128
Trichlorofluoromethane	10.0	10.0	100		8.23	30	67 - 139
Vinyl acetate	10.0	32.9	329	*	3.72	30	21 - 90
Vinyl Chloride	10.0	9.72	97.2		10.5	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40006
Instrument: VOA No. 10
Calibration Date: 03/04/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2579717	11.61375	9.673714	3.276293E-02			20	
1,1,1-Trichloroethane	1.863538	10.05201	5.859429	4.013329E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.2774036	5.982766	11.023	4.077707E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.647714	7.792605	3.053286	4.781574E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1327108	5.947838	8.561857	4.241343E-02			SPCC (0.1)	
1,1-Dichloroethane	1.740624	7.544951	4.842143	6.686468E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.317734	8.591709	3.626572	5.510104E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.412764	7.995496	6.008143	2.915167E-02			20	
1,2,3-Trichlorobenzene	0.1581588	9.418684	15.01857	2.633706E-02			20	
1,2,3-Trichloropropane	0.1007477	7.273956	11.07929	3.238961E-02			20	
1,2,3-Trimethylbenzene	2.361119	8.316179	12.176	7.292799E-03			20	
1,2,4,5-Tetramethylbenzene	1.549257	10.15493	13.36257	1.015389E-02			20	
1,2,4-Trichlorobenzene	0.3088074	7.019908	14.43086	1.682436E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.754504	7.533017	11.68114	2.663166E-02			20	
1,2-Dibromo-3-chloropropane	3.902991E-02	5.487268	13.52743	5.035583E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1288053	5.70128	9.116429	1.157791E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.109493	6.133747	12.59971	2.072965E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9580216	6.38431	6.286	3.068115E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2055917	6.073247	7.089571	2.611213E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.914665	8.509817	11.24757	2.370306E-02			20	
1,3-Dichlorobenzene	1.451636	7.424765	12.05643	2.730079E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2218813	5.558071	8.734714	2.139287E-02			20	
1,4-Dichlorobenzene	1.418326	9.050749	12.15886	2.135806E-02			SPCC (0.5)	
1,4-Dioxane	6.999937E-04	18.53277	7.213286	8.361626E-02		0.9993235	0.99	
2,2-Dichloropropane	1.755173	7.59704	5.380714	2.935407E-02			20	
2-Butanone	9.132093E-02	73.32166	5.422714	0.112922		0.998823	SPCC (0.1)	
2-Chlorotoluene	3.027101	7.468084	11.19957	2.109991E-02			20	
2-Hexanone	4.033175E-02	21.6416	8.760714	2.270765E-02		0.999188	SPCC (0.1)	
4-Chlorotoluene	2.423691	7.918622	11.32543	1.306888E-02			20	
4-Methyl-2-pentanone	5.916177E-02	11.16291	7.910571	4.223942E-02			SPCC (0.1)	
Acetone	0.3062824	108.4575	3.728714	7.746796E-02		0.9957551	SPCC (0.1)	
Acrolein	3.486264E-02	14.24934	3.572429	0.1492868			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40006
Laboratory ID: S4C0520-SCV1
Sequence: S4C0520
Standard ID: S24B379

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.0	0.2	30.00
1,1,1-Trichloroethane	10.0	10.2	2.3	30.00
1,1,2,2-Tetrachloroethane	10.0	11.2	12.4	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.7	7.0	30.00
1,1,2-Trichloroethane	10.0	9.89	-1.1	30.00
1,1-Dichloroethane	10.0	9.74	-2.6	30.00
1,1-Dichloroethylene	10.0	10.7	6.6	30.00
1,1-Dichloropropylene	10.0	10.2	1.9	30.00
1,2,3-Trichlorobenzene	10.0	9.55	-4.5	30.00
1,2,3-Trichloropropane	10.0	10.5	5.0	30.00
1,2,4,5-Tetramethylbenzene	10.0	7.59	-24.1	30.00
1,2,4-Trichlorobenzene	10.0	9.94	-0.6	30.00
1,2,4-Trimethylbenzene	10.0	9.23	-7.7	30.00
1,2-Dibromo-3-chloropropane	10.0	9.74	-2.6	30.00
1,2-Dibromoethane	10.0	10.0	0.0	30.00
1,2-Dichlorobenzene	10.0	10.2	2.1	30.00
1,2-Dichloroethane	10.0	10.0	0.3	30.00
1,2-Dichloropropane	10.0	10.3	2.6	30.00
1,3,5-Trimethylbenzene	10.0	9.20	-8.0	30.00
1,3-Dichlorobenzene	10.0	10.2	1.5	30.00
1,3-Dichloropropane	10.0	10.2	2.0	30.00
1,4-Dichlorobenzene	10.0	9.99	-0.1	30.00
1,4-Dioxane	210	192	-8.4	30.00
2,2-Dichloropropane	10.0	9.79	-2.1	30.00
2-Butanone	10.0	4.04	-59.6	30.00
2-Chlorotoluene	10.0	10.6	6.1	30.00
2-Hexanone	10.0	7.57	-24.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40006
Laboratory ID: S4C0520-SCV1
Sequence: S4C0520
Standard ID: S24B379

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Iodomethane	10.0	9.67	-3.3	30.00
Isopropylbenzene	10.0	10.8	7.7	30.00
Methyl acetate	10.0	9.07	-9.3	30.00
Methyl Methacrylate	10.0	9.60	-4.0	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.09	-9.1	30.00
Methylcyclohexane	10.0	10.6	6.4	30.00
Methylene chloride	10.0	9.90	-1.0	30.00
Naphthalene	10.0	9.28	-7.2	30.00
n-Butylbenzene	10.0	10.4	3.8	30.00
n-Propylbenzene	10.0	10.5	4.8	30.00
o-Xylene	10.0	9.85	-1.5	30.00
p- & m- Xylenes	20.0	19.8	-0.8	30.00
p-Diethylbenzene	10.0	9.79	-2.1	30.00
p-Ethyltoluene	10.0	9.99	-0.1	30.00
p-Isopropyltoluene	10.0	10.3	2.9	30.00
sec-Butylbenzene	10.0	10.6	6.1	30.00
Styrene	10.0	8.01	-19.9	30.00
tert-Amyl alcohol (TAA)	100	68.8	-31.2 *	30.00
tert-Amyl methyl ether (TAME)	10.0	9.18	-8.2	30.00
tert-Butyl alcohol (TBA)	50.0	49.7	-0.5	30.00
tert-Butylbenzene	10.0	10.6	5.9	30.00
Tetrachloroethylene	10.0	5.68	-43.2 *	30.00
Tetrahydrofuran	10.0	9.82	-1.8	30.00
Toluene	10.0	10.3	3.4	30.00
trans-1,2-Dichloroethylene	10.0	10.0	0.0	30.00
trans-1,3-Dichloropropylene	10.0	10.0	0.1	30.00
trans-1,4-dichloro-2-butene	10.0	10.8	8.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SC40006
Laboratory ID: S4C0520-SCV1
Sequence: S4C0520
Standard ID: S24B379

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Trichloroethylene	10.0	9.96	-0.4	30.00
Trichlorofluoromethane	10.0	10.7	7.0	30.00
Vinyl acetate	10.0	25.5	155 *	30.00
Vinyl Chloride	10.0	10.4	3.9	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40006
Lab File ID:	V10C03216.D	Calibration Date:	03/04/24 08:00
Sequence:	S4C2029	Injection Date:	03/20/24
Lab Sample ID:	S4C2029-CCV1	Injection Time:	09:24

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	10.0	4.06	0.3062824	5.886024E-02	0.1	-59.4	20 *
Acrolein	A	10.0	11.0	3.486264E-02	3.825024E-02		9.7	20
Acrylonitrile	A	10.0	11.0	0.0870782	9.560053E-02		9.8	20
Benzene	A	10.0	10.8	4.16745	4.493514	0.5	7.8	20
Bromobenzene	A	10.0	11.2	1.04469	1.165402		11.6	20
Bromochloromethane	A	10.0	11.5	0.5459452	0.6261617		14.7	20
Bromodichloromethane	A	10.0	10.7	0.3032892	0.3232529	0.2	6.6	20
Bromoform	A	10.0	9.73	8.040201E-02	8.723235E-02	0.1	-2.7	20
Bromomethane	A	10.0	5.02	0.4716641	0.2570037	0.1	-49.8	20 *
Carbon disulfide	A	10.0	10.1	2.531972	2.560638	0.1	1.1	20
Carbon tetrachloride	A	10.0	11.0	1.61903	1.782093	0.1	10.1	20
Chlorobenzene	A	10.0	10.3	0.7843273	0.8100591	0.5	3.3	20
Chloroethane	A	10.0	9.85	0.6743428	0.6641111	0.1	-1.5	20
Chloroform	A	10.0	10.4	1.919931	2.001577	0.2	4.3	20
Chloromethane	A	10.0	8.16	0.787288	0.6422419	0.1	-18.4	20
cis-1,2-Dichloroethylene	A	10.0	10.7	1.529454	1.638247	0.1	7.1	20
cis-1,3-Dichloropropylene	A	10.0	10.8	0.3409031	0.3683898	0.2	8.1	20
Cyclohexane	A	10.0	11.3	1.40453	1.588563	0.1	13.1	20
Dibromochloromethane	A	10.0	10.8	0.1782549	0.1926423	0.1	8.1	20
Dibromomethane	A	10.0	10.8	9.720344E-02	0.1047346		7.7	20
Dichlorodifluoromethane	A	10.0	9.88	1.086232	1.072712	0.1	-1.2	20
Diisopropyl ether (DIPE)	A	10.0	10.6	2.042861	2.168869		6.2	20
Ethyl Benzene	A	10.0	11.0	1.388742	1.523522	0.1	9.7	20
Ethyl tert-butyl ether (ETBE)	A	10.0	11.2	1.925222	2.15679		12.0	20
Hexachlorobutadiene	A	10.0	9.70	0.1645044	0.159587		-3.0	20
Iodomethane	A	10.0	7.23	0.9513151	0.8234416		-27.7	20 *
Isopropylbenzene	A	10.0	10.8	3.796886	4.107834	0.1	8.2	20
Methyl acetate	A	10.0	11.4	0.3238466	0.3688293	0.1	13.9	20
Methyl Methacrylate	A	10.0	11.1	6.255495E-02	6.958814E-02		11.2	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40006
Lab File ID:	V10C03216.D	Calibration Date:	03/04/24 08:00
Sequence:	S4C2029	Injection Date:	03/20/24
Lab Sample ID:	S4C2029-CCV1	Injection Time:	09:24

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	11.1	1.544445	1.716965	0.1	11.2	20	
Methylcyclohexane	A	10.0	11.1	0.4217332	0.4666448	0.1	10.6	20	
Methylene chloride	A	10.0	9.76	1.390985	1.031865	0.1	-2.4	20	
Naphthalene	A	10.0	10.2	0.4364346	0.4465545		2.3	20	
n-Butylbenzene	A	10.0	12.4	2.51155	3.112281		23.9	20	*
n-Propylbenzene	A	10.0	11.3	4.27849	4.817464		12.6	20	
o-Xylene	A	10.0	11.0	1.075658	1.18601	0.3	10.3	20	
p- & m- Xylenes	A	20.0	22.4	1.094366	1.225846	0.1	12.0	20	
p-Diethylbenzene	A	10.0	12.3	1.393171	1.715047		23.1	20	*
p-Ethyltoluene	A	10.0	11.3	3.60042	4.065621		12.9	20	
p-Isopropyltoluene	A	10.0	11.3	2.91478	3.283408		12.6	20	
sec-Butylbenzene	A	10.0	11.7	3.408744	3.994901		17.2	20	
Styrene	A	10.0	11.2	0.8098019	0.9041649	0.3	11.7	20	
tert-Amyl alcohol (TAA)	A	100	94.3	2.097199E-02	2.182242E-02		-5.7	20	
tert-Amyl methyl ether (TAME)	A	10.0	11.5	1.932771	2.226058		15.2	20	
tert-Butyl alcohol (TBA)	A	50.0	31.1	2.064749E-02	1.304687E-02		-37.8	20	*
tert-Butylbenzene	A	10.0	10.9	2.58143	2.814396		9.0	20	
Tetrachloroethylene	A	10.0	5.87	0.625554	0.3688068	0.2	-41.3	20	*
Tetrahydrofuran	A	10.0	4.66	0.0918798	2.078272E-02		-53.4	20	*
Toluene	A	10.0	10.6	1.209958	1.276388	0.4	5.5	20	
trans-1,2-Dichloroethylene	A	10.0	10.4	1.321163	1.377165	0.1	4.2	20	
trans-1,3-Dichloropropylene	A	10.0	11.4	0.2544962	0.2890785	0.1	13.6	20	
trans-1,4-dichloro-2-butene	A	10.0	11.7	0.3297965	0.3844635		16.6	20	
Trichloroethylene	A	10.0	9.72	0.3050513	0.2965263	0.2	-2.8	20	
Trichlorofluoromethane	A	10.0	10.2	1.647714	1.67492	0.1	1.7	20	
Vinyl acetate	A	10.0	20.0	0.340029	0.568778		100	20	*
Vinyl Chloride	A	10.0	10.2	1.052799	1.077314	0.1	2.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2524
Instrument: BNA #1
Calibration: SL30040

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S4C2524-CCV1)			Lab File ID: BNA1026729.D		Analyzed: 03/24/24 16:33			
SURR: 2-Fluorophenol	30.0	87.8	0 - 200	4.107	4.10325	0.0038	+/-1.00	
SURR: Phenol-d6	30.0	97.3	0 - 200	4.891	4.880375	0.0106	+/-1.00	
SURR: Nitrobenzene-d5	30.0	105	0 - 200	5.641	5.648375	-0.0074	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	93.0	0 - 200	7.227	7.257125	-0.0301	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	108	0 - 200	9.151	9.16	-0.0090	+/-1.00	
SURR: Terphenyl-d14	30.0	96.2	0 - 200	12.615	12.641	-0.0260	+/-1.00	
SB10B (24C1132-07RE1)			Lab File ID: BNA1026732.D		Analyzed: 03/24/24 18:04			
SURR: 2-Fluorophenol	2.21	6.00	20 - 108	4.246	4.10325	0.1428	+/-1.00	*
SURR: Phenol-d6	2.21	10.0	23 - 114	5.089	4.880375	0.2086	+/-1.00	*
SURR: Nitrobenzene-d5	1.11	2.00	22 - 108	5.687	5.648375	0.0386	+/-1.00	*
SURR: 2-Fluorobiphenyl	1.11	64.0	21 - 113	7.286	7.257125	0.0289	+/-1.00	
SURR: 2,4,6-Tribromophenol	2.21	63.0	19 - 110	9.221	9.16	0.0610	+/-1.00	
SURR: Terphenyl-d14	1.11	76.0	24 - 116	12.644	12.641	0.0030	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2734
Instrument: BNA #1
Calibration: SL30040

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S4C2734-CCV1)			Lab File ID: BNA1026785.D		Analyzed: 03/27/24 09:04			
SURR: 2-Fluorophenol	30.0	90.4	0 - 200	4.107	4.10325	0.0038	+/-1.00	
SURR: Phenol-d6	30.0	96.6	0 - 200	4.891	4.880375	0.0106	+/-1.00	
SURR: Nitrobenzene-d5	30.0	106	0 - 200	5.641	5.648375	-0.0074	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	91.8	0 - 200	7.222	7.257125	-0.0351	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	104	0 - 200	9.157	9.16	-0.0030	+/-1.00	
SURR: Terphenyl-d14	30.0	95.4	0 - 200	12.615	12.641	-0.0260	+/-1.00	
SB9C (24C1132-05RE2)			Lab File ID: BNA1026789.D		Analyzed: 03/27/24 11:04			
SURR: 2-Fluorophenol	2.02	50.0	20 - 108	4.095	4.10325	-0.0083	+/-1.00	
SURR: Phenol-d6	2.02	3250	23 - 114	5.17	4.880375	0.2896	+/-1.00	*
SURR: Nitrobenzene-d5	1.01	100	22 - 108	5.652	5.648375	0.0036	+/-1.00	
SURR: 2-Fluorobiphenyl	1.01		21 - 113	7.315	7.257125	0.0579	+/-1.00	*
SURR: 2,4,6-Tribromophenol	2.02		19 - 110	0	9.16	-9.1600	+/-1.00	*
SURR: Terphenyl-d14	1.01		24 - 116	12.679	12.641	0.0380	+/-1.00	*

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41496	Laboratory ID:	BC41496-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.831	0.663	79.8	29 - 123
Hexachlorobenzene	0.831	0.533	64.2	21 - 124
Hexachlorobutadiene	0.831	0.720	86.7	10 - 149
Hexachlorocyclopentadiene	0.831	0.0791	9.52 *	10 - 129
Hexachloroethane	0.831	0.550	66.2	28 - 108
Indeno(1,2,3-cd)pyrene	0.831	0.865	104	10 - 135
Isophorone	0.831	0.633	76.2	20 - 132
Naphthalene	0.831	0.676	81.4	23 - 124
Nitrobenzene	0.831	0.610	73.5	13 - 132
N-Nitrosodimethylamine	0.831	0.615	74.0	11 - 129
N-nitroso-di-n-propylamine	0.831	0.577	69.5	24 - 119
N-Nitrosodiphenylamine	0.831	0.712	85.7	22 - 152
Pentachlorophenol	0.831	0.644	77.5	10 - 139
Phenanthrene	0.831	0.659	79.3	33 - 123
Phenol	0.831	0.743	89.4	23 - 115
Pyrene	0.831	0.647	77.8	24 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SB40037
Instrument: BNA #4
Calibration Date: 02/28/24 00:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6247485	7.354178	7.565	0.041099			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4082165	4.661488	7.298333	2.947502E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2891061	4.761239	6.393	3.759743E-02			20	
1,2-Dichlorobenzene	1.568512	7.868068	5.52	4.538264E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.281507	10.35344	9.209667	2.935185E-02			20	
1,3-Dichlorobenzene	1.624019	6.799965	5.315333	4.04539E-03			20	
1,4-Dichlorobenzene	1.564204	8.386835	5.362	1.525507E-02			20	
1-Methylnaphthalene	0.6929298	7.471439	7.200333	7.811988E-03			20	
2,3,4,6-Tetrachlorophenol	0.1436695	14.41906	8.739	3.208234E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3224605	8.354241	7.44	3.126133E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2971507	9.110625	7.403	0.240948			SPCC (0.2)	
2,4-Dichlorophenol	0.2841329	6.418805	6.316	2.007684E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3677161	7.059455	6.124	1.678634E-02			SPCC (0.2)	
2,4-Dinitrophenol	9.909776E-02	43.64631	8.367	0.0447822			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3739419	11.95169	8.559	3.514149E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2670039	16.81102	8.053	4.315395E-02			SPCC (0.2)	
2-Chloronaphthalene	1.143467	9.951566	7.597	3.249159E-02			SPCC (0.8)	
2-Chlorophenol	1.683037	6.512394	5.199	1.286936E-02			SPCC (0.8)	
2-Methylnaphthalene	0.8032864	8.00625	7.09	1.844497E-02			SPCC (0.4)	
2-Methylphenol	1.292076	6.515035	5.571333	1.309749E-02			SPCC (0.7)	
2-Nitroaniline	0.4043797	13.3287	7.747	1.859935E-02			SPCC (0.01)	
2-Nitrophenol	0.2038698	6.937474	6.124	1.678634E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.969386	5.27058	5.684	5.596985E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.3635993	19.93385	14.987	0.0227066			SPCC (0.01)	
3-Nitroaniline	0.3562061	11.9908	8.238	3.477096E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1173584	31.1731	9.14	3.700525E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1795647	9.712178	9.609	1.009031E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3698712	5.9026	6.928	3.573793E-02			SPCC (0.2)	
4-Chloroaniline	0.5013203	6.056792	6.514	2.024122E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5349893	8.770886	8.973	2.648006E-02			SPCC (0.4)	
4-Nitroaniline	0.3411069	11.87664	9.095	5.033069E-02			SPCC (0.01)	
4-Nitrophenol	0.2733406	13.87854	8.404	5.447846E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SB40037
Instrument: BNA #4
Calibration Date: 02/28/24 00:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.173709	7.607941	8.318667	3.346402E-02			SPCC (0.9)	
Acenaphthylene	1.928953	8.001408	8.091833	1.356407E-02			SPCC (0.9)	
Acetophenone	2.308597	11.14652	5.701333	4.991316E-02			SPCC (0.01)	
Alpha Terpineol	0.3235187	7.146361	6.421	1.355743E-02			20	
Aniline	2.306171	10.67111	5.106	9.645222E-03			SPCC ()	
Anthracene	1.103831	7.11257	10.23933	3.139824E-02			SPCC (0.7)	
Atrazine	0.2220835	6.590085	9.820667	2.834143E-02			SPCC (0.01)	
Benzaldehyde	1.448754	5.176087	4.995333	8.645788E-03			SPCC (0.01)	
Benzidine	0.456669	20.58963	12.328	0.0254758			20	*
Benzo(a)anthracene	1.238858	8.981421	14.9365	1.057493E-02			SPCC (0.8)	
Benzo(a)pyrene	1.010491	9.909666	17.87733	2.628251E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.081332	6.769314	17.23733	2.950531E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9966126	10.75047	20.40517	2.226699E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.197763	2.314803	17.287	3.578983E-02			SPCC (0.7)	
Benzoic acid	0.2240949	32.55278	6.198833	0.26561			20	*
Benzyl alcohol	1.07027	7.326632	5.472833	8.928298E-03			20	
Benzyl butyl phthalate	0.7393957	21.29147	13.91917	1.761268E-02			20	*
Bis(2-chloroethoxy)methane	0.5540114	10.85843	6.207667	4.129518E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.814547	9.949674	5.147	1.267307E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.942005	12.54052	5.589	1.070001E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.9726401	19.76533	15.25717	2.010503E-02			20	
Caprolactam	0.1550219	11.55425	6.821167	0.0846236			SPCC (0.01)	
Carbazole	1.181248	6.269619	10.46067	0.0221928			SPCC (0.01)	
Chrysene	1.326552	9.336827	15.02767	1.170393E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9605752	16.03062	19.98667	0.0197292			SPCC (0.4)	
Dibenzofuran	1.585482	9.165037	8.521	1.952211E-02			SPCC (0.8)	
Diethyl phthalate	1.369919	7.398989	8.852833	3.660637E-02			SPCC (0.01)	
Dimethyl phthalate	1.300938	8.055526	7.94	2.629952E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.342313	8.599821	11.03067	2.599619E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.343411	32.18056	16.587	1.596863E-02			SPCC (0.01)	*
Diphenylamine	0.7229768	7.52428	9.163	3.373165E-02			20	
Fluoranthene	1.110984	6.646339	12.04	1.334231E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SB40037
Instrument: BNA #4
Calibration Date: 02/28/24 00:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.346898	7.980161	9.008	4.037219E-02			SPCC (0.9)	
Hexachlorobenzene	0.1234671	6.562633	9.790333	1.908883E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1240752	6.095956	6.595167	4.060188E-03			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2201155	12.36575	7.305	1.201016E-02			SPCC (0.05)	
Hexachloroethane	0.6793899	6.839658	5.775	2.543281E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.9948772	10.84894	20.40517	2.226699E-02			SPCC (0.5)	
Isophorone	0.8355524	7.122288	6.035	4.848752E-02			SPCC (0.4)	
Naphthalene	1.1001	14.61253	6.456	1.990585E-02			SPCC (0.7)	
Nitrobenzene	0.4492418	7.904982	5.851833	3.740316E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.068787	15.74116	3.135	8.014245E-02			20	
N-nitroso-di-n-propylamine	1.0928	9.215283	5.711	6.930851E-03			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2602729	7.674483	9.163	3.373165E-02			SPCC (0.01)	
Parathion	0.1432466	36.43727	11.346	3.716168E-02			20	*
Pentachloronitrobenzene	8.161671E-02	10.68976	10.093	2.641749E-02			20	
Pentachlorophenol	9.655067E-02	20.78096	9.995	2.855477E-02			SPCC (0.05)	*
Phenanthrene	1.103283	9.079816	10.185	2.013914E-02			SPCC (0.7)	
Phenol	2.11709	10.5405	5.073	6.131544E-02			SPCC (0.8)	
Pyrene	1.566166	6.934069	12.454	2.901533E-02			SPCC (0.6)	
Pyridine	1.789866	14.7884	3.142333	0.1539919			20	
SURR: 2,4,6-Tribromophenol	7.663769E-02	16.45373	9.382	2.169517E-02			20	
SURR: 2-Fluorobiphenyl	1.199233	8.790433	7.463	3.229216E-02			20	
SURR: 2-Fluorophenol	1.627092	9.663123	4.287833	6.908006E-02			20	
SURR: Nitrobenzene-d5	0.4393705	5.144901	5.839	0.0255019			20	
SURR: Phenol-d6	2.065393	6.731085	5.064	5.113517E-02			20	
SURR: Terphenyl-d14	1.003345	6.971163	12.797	2.243472E-02			20	

NT

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV1
Sequence: S4B2943
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	31.8	6.0	30.00
1,2-Dichlorobenzene	30.0	30.6	2.0	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	30.6	2.0	30.00
1,3-Dichlorobenzene	30.0	31.2	4.0	30.00
1,4-Dichlorobenzene	30.0	31.0	3.5	30.00
1-Methylnaphthalene	30.0	30.7	2.2	30.00
2,3,4,6-Tetrachlorophenol	30.0	37.9	26.4	30.00
2,4,5-Trichlorophenol	30.0	33.3	11.0	30.00
2,4,6-Trichlorophenol	30.0	34.3	14.5	30.00
2,4-Dichlorophenol	30.0	33.5	11.7	30.00
2,4-Dimethylphenol	30.0	23.4	-22.1	30.00
2,4-Dinitrophenol	30.0	44.9	49.8 *	30.00
2,4-Dinitrotoluene	30.0	34.0	13.2	30.00
2,6-Dinitrotoluene	30.0	37.0	23.3	30.00
2-Chloronaphthalene	30.0	31.6	5.2	30.00
2-Chlorophenol	30.0	30.7	2.3	30.00
2-Methylnaphthalene	30.0	32.6	8.7	30.00
2-Methylphenol	30.0	31.5	4.9	30.00
2-Nitroaniline	30.0	35.1	17.1	30.00
2-Nitrophenol	30.0	35.4	17.8	30.00
3- & 4-Methylphenols	30.0	27.6	-8.0	30.00
3-Nitroaniline	30.0	34.1	13.7	30.00
4,6-Dinitro-2-methylphenol	30.0	42.7	42.3 *	30.00
4-Bromophenyl phenyl ether	30.0	31.6	5.2	30.00
4-Chloro-3-methylphenol	30.0	33.8	12.5	30.00
4-Chloroaniline	30.0	31.8	6.1	30.00
4-Chlorophenyl phenyl ether	30.0	31.6	5.5	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV1
Sequence: S4B2943
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
4-Nitroaniline	30.0	35.2	17.2	30.00
4-Nitrophenol	30.0	34.4	14.8	30.00
Acenaphthene	30.0	30.6	1.9	30.00
Acenaphthylene	30.0	29.3	-2.3	30.00
Aniline	30.0	29.9	-0.3	30.00
Anthracene	30.0	29.9	-0.3	30.00
Benzo(a)anthracene	30.0	33.1	10.5	30.00
Benzo(a)pyrene	30.0	32.7	9.1	30.00
Benzo(b)fluoranthene	30.0	33.2	10.7	30.00
Benzo(g,h,i)perylene	30.0	33.8	12.7	30.00
Benzo(k)fluoranthene	30.0	32.7	9.0	30.00
Benzyl alcohol	30.0	32.4	8.0	30.00
Benzyl butyl phthalate	30.0	35.5	18.4	30.00
Bis(2-chloroethoxy)methane	30.0	31.4	4.5	30.00
Bis(2-chloroethyl)ether	30.0	30.8	2.7	30.00
Bis(2-chloroisopropyl)ether	30.0	28.9	-3.7	30.00
Bis(2-ethylhexyl)phthalate	30.0	36.0	20.1	30.00
Carbazole	30.0	30.6	1.8	30.00
Chrysene	30.0	29.9	-0.3	30.00
Cresols, total	60.0	59.1	-1.6	30.00
Dibenzo(a,h)anthracene	30.0	35.0	16.8	30.00
Dibenzofuran	30.0	30.5	1.8	30.00
Diethyl phthalate	30.0	31.0	3.3	30.00
Dimethyl phthalate	30.0	31.3	4.5	30.00
Di-n-butyl phthalate	30.0	32.7	9.0	30.00
Di-n-octyl phthalate	30.0	39.2	30.8 *	30.00
Diphenylamine	30.0	37.1	23.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV1
Sequence: S4B2943
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	32.0	6.8	30.00
Fluorene	30.0	30.8	2.7	30.00
Hexachlorobenzene	30.0	31.5	5.1	30.00
Hexachlorobutadiene	30.0	32.1	7.1	30.00
Hexachlorocyclopentadiene	30.0	18.1	-39.8 *	30.00
Hexachloroethane	30.0	31.6	5.3	30.00
Indeno(1,2,3-cd)pyrene	30.0	29.9	-0.3	30.00
Isophorone	30.0	32.5	8.3	30.00
Naphthalene	30.0	30.9	3.1	30.00
Nitrobenzene	30.0	33.8	12.8	30.00
N-Nitrosodimethylamine	30.0	33.3	10.9	30.00
N-nitroso-di-n-propylamine	30.0	33.4	11.2	30.00
N-Nitrosodiphenylamine	30.0	37.7	25.6	30.00
Pentachlorophenol	30.0	38.6	28.6	30.00
Phenanthrene	30.0	30.4	1.2	30.00
Phenol	30.0	33.8	12.5	30.00
Pyrene	30.0	32.0	6.7	30.00
Pyridine	30.0	27.6	-7.9	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV2
Sequence: S4B2943
Standard ID: S24A243

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	30.5	1.7	30.00
3,3-Dichlorobenzidine	30.0	35.8	19.5	30.00
Acetophenone	30.0	29.6	-1.3	30.00
Atrazine	30.0	35.4	18.0	30.00
Benzaldehyde	30.0	28.3	-5.7	30.00
Benzidine	30.0	43.3	44.2 *	30.00
Benzoic acid	30.0	38.5	28.3	30.00
Caprolactam	30.0	32.4	7.8	30.00
Pentachloronitrobenzene	30.0	34.8	16.0	30.00
Parathion	30.0	41.6	38.6 *	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415586.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2152	Injection Date:	03/21/24
Lab Sample ID:	S4C2152-CCV1	Injection Time:	09:55

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	29.8	0.6247485	0.620126	0.01	-0.7	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	29.3	0.4082165	0.3982473	0.01	-2.4	20	
1,2,4-Trichlorobenzene	A	30.0	29.9	0.2891061	0.2882348		-0.3	20	
1,2-Dichlorobenzene	A	30.0	29.1	1.568512	1.523139		-2.9	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	27.5	1.281507	1.174231		-8.4	20	
1,3-Dichlorobenzene	A	30.0	29.9	1.624019	1.619177		-0.3	20	
1,4-Dichlorobenzene	A	30.0	29.3	1.564204	1.526562		-2.4	20	
2,3,4,6-Tetrachlorophenol	A	30.0	35.8	0.1436695	0.1713305	0.01	19.3	20	
2,4,5-Trichlorophenol	A	30.0	31.5	0.3224605	0.3387266	0.2	5.0	20	
2,4,6-Trichlorophenol	A	30.0	32.3	0.2971507	0.319735	0.2	7.6	20	
2,4-Dichlorophenol	A	30.0	31.8	0.2841329	0.3010194	0.2	5.9	20	
2,4-Dimethylphenol	A	30.0	29.4	0.3677161	0.3605986	0.2	-1.9	20	
2,4-Dinitrophenol	A	30.0	50.8	9.909776E-02	0.1678977	0.01	69.4	20	*
2,4-Dinitrotoluene	A	30.0	39.9	0.3739419	0.4974973	0.2	33.0	20	*
2,6-Dinitrotoluene	A	30.0	39.0	0.2670039	0.3466388	0.2	29.8	20	*
2-Chloronaphthalene	A	30.0	29.2	1.143467	1.111365	0.8	-2.8	20	
2-Chlorophenol	A	30.0	30.1	1.683037	1.687225	0.8	0.2	20	
2-Methylnaphthalene	A	30.0	28.3	0.8032864	0.7576756	0.4	-5.7	20	
2-Methylphenol	A	30.0	30.6	1.292076	1.315792	0.7	1.8	20	
2-Nitroaniline	A	30.0	37.0	0.4043797	0.4991404	0.01	23.4	20	*
2-Nitrophenol	A	30.0	33.2	0.2038698	0.2253799	0.1	10.6	20	
3- & 4-Methylphenols	A	30.0	25.9	1.969386	1.699877	0.6	-13.7	20	
3,3-Dichlorobenzidine	A	30.0	41.6	0.3635993	0.5042931	0.01	38.7	20	*
3-Nitroaniline	A	30.0	39.0	0.3562061	0.4635462	0.01	30.1	20	*
4,6-Dinitro-2-methylphenol	A	30.0	41.2	0.1173584	0.1613832	0.01	37.5	20	*
4-Bromophenyl phenyl ether	A	30.0	33.8	0.1795647	0.2021526	0.1	12.6	20	
4-Chloro-3-methylphenol	A	30.0	30.6	0.3698712	0.3772085	0.2	2.0	20	
4-Chloroaniline	A	30.0	29.2	0.5013203	0.4888451	0.01	-2.5	20	
4-Chlorophenyl phenyl ether	A	30.0	33.6	0.5349893	0.5983199	0.4	11.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415586.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2152	Injection Date:	03/21/24
Lab Sample ID:	S4C2152-CCV1	Injection Time:	09:55

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Nitroaniline	A	30.0	45.9	0.3411069	0.5215078	0.01	52.9	20 *
4-Nitrophenol	A	30.0	34.8	0.2733406	0.3174682	0.01	16.1	20
Acenaphthene	A	30.0	29.1	1.173709	1.138098	0.9	-3.0	20
Acenaphthylene	A	30.0	30.9	1.928953	1.988804	0.9	3.1	20
Acetophenone	A	30.0	24.3	2.308597	1.866796	0.01	-19.1	20
Aniline	A	30.0	28.5	2.306171	2.191618		-5.0	20
Anthracene	A	30.0	31.4	1.103831	1.157042	0.7	4.8	20
Atrazine	A	30.0	30.9	0.2220835	0.2284261	0.01	2.9	20
Benzaldehyde	A	30.0	28.4	1.448754	1.37334	0.01	-5.2	20
Benzidine	A	30.0	51.7	0.456669	0.7875552		72.5	20 *
Benzo(a)anthracene	A	30.0	33.5	1.238858	1.382923	0.8	11.6	20
Benzo(a)pyrene	A	30.0	38.8	1.010491	1.30657	0.7	29.3	20 *
Benzo(b)fluoranthene	A	30.0	39.9	1.081332	1.436789	0.7	32.9	20 *
Benzo(g,h,i)perylene	A	30.0	31.3	0.9966126	1.041021	0.5	4.5	20
Benzo(k)fluoranthene	A	30.0	32.7	1.197763	1.306483	0.7	9.1	20
Benzoic acid	A	30.0	32.3	0.2240949	0.2415194		7.8	20
Benzyl alcohol	A	30.0	32.6	1.07027	1.164082		8.8	20
Benzyl butyl phthalate	A	30.0	40.1	0.7393957	0.9886689		33.7	20 *
Bis(2-chloroethoxy)methane	A	30.0	26.0	0.5540114	0.4800814	0.3	-13.3	20
Bis(2-chloroethyl)ether	A	30.0	26.8	1.814547	1.61771	0.7	-10.8	20
Bis(2-chloroisopropyl)ether	A	30.0	28.5	1.942005	1.847714	0.01	-4.9	20
Bis(2-ethylhexyl)phthalate	A	30.0	39.0	0.9726401	1.265887		30.1	20 *
Caprolactam	A	30.0	34.9	0.1550219	0.1801565	0.01	16.2	20
Carbazole	A	30.0	31.4	1.181248	1.238185	0.01	4.8	20
Chrysene	A	30.0	30.1	1.326552	1.329025	0.7	0.2	20
Dibenzo(a,h)anthracene	A	30.0	34.2	0.9605752	1.093418	0.4	13.8	20
Dibenzofuran	A	30.0	32.2	1.585482	1.699384	0.8	7.2	20
Diethyl phthalate	A	30.0	33.2	1.369919	1.516451	0.01	10.7	20
Dimethyl phthalate	A	30.0	31.4	1.300938	1.361102	0.01	4.6	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415586.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2152	Injection Date:	03/21/24
Lab Sample ID:	S4C2152-CCV1	Injection Time:	09:55

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	32.8	1.342313	1.46534	0.01	9.2	20	
Di-n-octyl phthalate	A	30.0	48.0	1.343411	2.149358	0.01	60.0	20	*
Fluoranthene	A	30.0	33.4	1.110984	1.236363	0.6	11.3	20	
Fluorene	A	30.0	33.9	1.346898	1.522321	0.9	13.0	20	
Hexachlorobenzene	A	30.0	31.1	0.1234671	0.1278141	0.1	3.5	20	
Hexachlorobutadiene	A	30.0	29.0	0.1240752	0.1200945	0.01	-3.2	20	
Hexachlorocyclopentadiene	A	30.0	26.0	0.2201155	0.1907992	0.05	-13.3	20	
Hexachloroethane	A	30.0	28.2	0.6793899	0.6387522	0.3	-6.0	20	
Indeno(1,2,3-cd)pyrene	A	30.0	33.0	0.9948772	1.094027	0.5	10.0	20	
Isophorone	A	30.0	28.5	0.8355524	0.7929353	0.4	-5.1	20	
Naphthalene	A	30.0	27.9	1.1001	1.021928	0.7	-7.1	20	
Nitrobenzene	A	30.0	29.2	0.4492418	0.4379365	0.2	-2.5	20	
N-Nitrosodimethylamine	A	30.0	33.1	1.068787	1.1791		10.3	20	
N-nitroso-di-n-propylamine	A	30.0	27.7	1.0928	1.00891	0.5	-7.7	20	
N-Nitrosodiphenylamine	A	30.0	31.6	0.2602729	0.2744341	0.01	5.4	20	
Pentachlorophenol	A	30.0	32.9	9.655067E-02	0.1057718	0.05	9.6	20	
Phenanthrene	A	30.0	31.0	1.103283	1.13905	0.7	3.2	20	
Phenol	A	30.0	30.3	2.11709	2.136863	0.8	0.9	20	
Pyrene	A	30.0	32.2	1.566166	1.681072	0.6	7.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #1	Calibration:	SL30040
Lab File ID:	BNA1026715.D	Calibration Date:	12/18/23 00:20
Sequence:	S4C2406	Injection Date:	03/22/24
Lab Sample ID:	S4C2406-CCV1	Injection Time:	09:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Nitroaniline	A	30.0	1.95	0.3414234	2.307436E-02	0.01	-93.2	20 *
4-Nitrophenol	A	30.0	15.4	0.1910347	9.821065E-02	0.01	-48.6	20 *
Acenaphthene	A	30.0	26.8	1.195658	1.067379	0.9	-10.7	20
Acenaphthylene	A	30.0	28.8	1.858781	1.782059	0.9	-4.1	20
Acetophenone	A	30.0	30.6	1.924308	1.965476	0.01	2.1	20
Aniline	A	30.0	26.9	1.91387	1.71368		-10.5	20
Anthracene	A	30.0	28.5	1.124493	1.067333	0.7	-5.1	20
Atrazine	A	30.0	32.1	0.2060074	0.220257	0.01	6.9	20
Benzaldehyde	A	30.0	29.0	1.085643	1.049178	0.01	-3.4	20
Benzidine	A	30.0	26.7	0.6627838	0.607917		-8.3	20
Benzo(a)anthracene	A	30.0	31.4	1.291214	1.353068	0.8	4.8	20
Benzo(a)pyrene	A	30.0	30.6	1.11622	1.138965	0.7	2.0	20
Benzo(b)fluoranthene	A	30.0	32.9	1.133164	1.241605	0.7	9.6	20
Benzo(g,h,i)perylene	A	30.0	32.2	0.9569312	1.027254	0.5	7.3	20
Benzo(k)fluoranthene	A	30.0	29.3	1.246466	1.217035	0.7	-2.4	20
Benzoic acid	A	30.0	30.0	0.1978623	0.2192966		10.8	20
Benzyl alcohol	A	30.0	30.8	0.9244839	0.9478195		2.5	20
Benzyl butyl phthalate	A	30.0	37.4	0.4962675	0.6186321		24.7	20 *
Bis(2-chloroethoxy)methane	A	30.0	27.6	0.3789655	0.3480246	0.3	-8.2	20
Bis(2-chloroethyl)ether	A	30.0	31.0	1.347296	1.393523	0.7	3.4	20
Bis(2-chloroisopropyl)ether	A	30.0	30.9	1.665822	1.717316	0.01	3.1	20
Bis(2-ethylhexyl)phthalate	A	30.0	35.8	0.6762926	0.8137633		20.3	20 *
Caprolactam	A	30.0	28.9	0.1146539	0.1103315	0.01	-3.8	20
Carbazole	A	30.0	29.6	1.047902	1.035339	0.01	-1.2	20
Chrysene	A	30.0	29.0	1.304205	1.25988	0.7	-3.4	20
Dibenzo(a,h)anthracene	A	30.0	32.9	0.9933499	1.090154	0.4	9.7	20
Dibenzofuran	A	30.0	27.6	1.74345	1.604217	0.8	-8.0	20
Diethyl phthalate	A	30.0	32.0	1.315215	1.400763	0.01	6.5	20
Dimethyl phthalate	A	30.0	30.1	1.296099	1.299744	0.01	0.3	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415615.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2510	Injection Date:	03/22/24
Lab Sample ID:	S4C2510-CCV1	Injection Time:	11:41

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	29.5	0.6247485	0.6152624	0.01	-1.5	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	28.2	0.4082165	0.3842822	0.01	-5.9	20	
1,2,4-Trichlorobenzene	A	30.0	28.8	0.2891061	0.2778842		-3.9	20	
1,2-Dichlorobenzene	A	30.0	30.5	1.568512	1.593185		1.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	30.9	1.281507	1.321729		3.1	20	
1,3-Dichlorobenzene	A	30.0	29.7	1.624019	1.606082		-1.1	20	
1,4-Dichlorobenzene	A	30.0	30.8	1.564204	1.603715		2.5	20	
1-Methylnaphthalene	A	30.0	30.0	0.6929298	0.6936706		0.1	20	
2,3,4,6-Tetrachlorophenol	A	30.0	36.3	0.1436695	0.1740043	0.01	21.1	20	*
2,4,5-Trichlorophenol	A	30.0	31.5	0.3224605	0.3383728	0.2	4.9	20	
2,4,6-Trichlorophenol	A	30.0	31.6	0.2971507	0.3125543	0.2	5.2	20	
2,4-Dichlorophenol	A	30.0	31.5	0.2841329	0.2984947	0.2	5.1	20	
2,4-Dimethylphenol	A	30.0	31.1	0.3677161	0.3813823	0.2	3.7	20	
2,4-Dinitrophenol	A	30.0	48.1	9.909776E-02	0.1590048	0.01	60.5	20	*
2,4-Dinitrotoluene	A	30.0	34.4	0.3739419	0.4289441	0.2	14.7	20	
2,6-Dinitrotoluene	A	30.0	34.4	0.2670039	0.3059951	0.2	14.6	20	
2-Chloronaphthalene	A	30.0	28.3	1.143467	1.078668	0.8	-5.7	20	
2-Chlorophenol	A	30.0	28.7	1.683037	1.609467	0.8	-4.4	20	
2-Methylnaphthalene	A	30.0	30.0	0.8032864	0.8022823	0.4	-0.1	20	
2-Methylphenol	A	30.0	31.4	1.292076	1.352786	0.7	4.7	20	
2-Nitroaniline	A	30.0	32.2	0.4043797	0.4335554	0.01	7.2	20	
2-Nitrophenol	A	30.0	32.0	0.2038698	0.2174355	0.1	6.7	20	
3- & 4-Methylphenols	A	30.0	30.8	1.969386	2.023436	0.6	2.7	20	
3,3-Dichlorobenzidine	A	30.0	34.9	0.3635993	0.4227751	0.01	16.3	20	
3-Nitroaniline	A	30.0	34.7	0.3562061	0.4117665	0.01	15.6	20	
4,6-Dinitro-2-methylphenol	A	30.0	46.8	0.1173584	0.1828854	0.01	55.8	20	*
4-Bromophenyl phenyl ether	A	30.0	32.8	0.1795647	0.1961906	0.1	9.3	20	
4-Chloro-3-methylphenol	A	30.0	34.0	0.3698712	0.4187028	0.2	13.2	20	
4-Chloroaniline	A	30.0	30.7	0.5013203	0.5131508	0.01	2.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415615.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2510	Injection Date:	03/22/24
Lab Sample ID:	S4C2510-CCV1	Injection Time:	11:41

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Chlorophenyl phenyl ether	A	30.0	32.0	0.5349893	0.5697119	0.4	6.5	20
4-Nitroaniline	A	30.0	36.5	0.3411069	0.415348	0.01	21.8	20 *
4-Nitrophenol	A	30.0	34.1	0.2733406	0.3104356	0.01	13.6	20
Acenaphthene	A	30.0	29.4	1.173709	1.149631	0.9	-2.1	20
Acenaphthylene	A	30.0	30.7	1.928953	1.976021	0.9	2.4	20
Acetophenone	A	30.0	29.9	2.308597	2.300006	0.01	-0.4	20
Alpha Terpineol	A	30.0	28.9	0.3235187	0.3111732		-3.8	20
Aniline	A	30.0	28.6	2.306171	2.197594		-4.7	20
Anthracene	A	30.0	29.8	1.103831	1.095205	0.7	-0.8	20
Atrazine	A	30.0	31.4	0.2220835	0.2324792	0.01	4.7	20
Benzaldehyde	A	30.0	28.4	1.448754	1.373145	0.01	-5.2	20
Benzidine	A	30.0	38.3	0.456669	0.5831366		27.7	20 *
Benzo(a)anthracene	A	30.0	34.0	1.238858	1.403712	0.8	13.3	20
Benzo(a)pyrene	A	30.0	36.8	1.010491	1.237729	0.7	22.5	20 *
Benzo(b)fluoranthene	A	30.0	36.2	1.081332	1.30423	0.7	20.6	20 *
Benzo(g,h,i)perylene	A	30.0	31.7	0.9966126	1.053567	0.5	5.7	20
Benzo(k)fluoranthene	A	30.0	31.4	1.197763	1.254151	0.7	4.7	20
Benzoic acid	A	30.0	40.9	0.2240949	0.3055781		36.4	20 *
Benzyl alcohol	A	30.0	34.1	1.07027	1.218038		13.8	20
Benzyl butyl phthalate	A	30.0	39.4	0.7393957	0.9706848		31.3	20 *
Bis(2-chloroethoxy)methane	A	30.0	28.2	0.5540114	0.5217556	0.3	-5.8	20
Bis(2-chloroethyl)ether	A	30.0	26.3	1.814547	1.591296	0.7	-12.3	20
Bis(2-chloroisopropyl)ether	A	30.0	25.0	1.942005	1.621755	0.01	-16.5	20
Bis(2-ethylhexyl)phthalate	A	30.0	40.0	0.9726401	1.296286		33.3	20 *
Caprolactam	A	30.0	37.4	0.1550219	0.1931095	0.01	24.6	20 *
Carbazole	A	30.0	28.4	1.181248	1.116278	0.01	-5.5	20
Chrysene	A	30.0	28.9	1.326552	1.279159	0.7	-3.6	20
Dibenzo(a,h)anthracene	A	30.0	33.4	0.9605752	1.069096	0.4	11.3	20
Dibenzofuran	A	30.0	31.1	1.585482	1.642581	0.8	3.6	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415615.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2510	Injection Date:	03/22/24
Lab Sample ID:	S4C2510-CCV1	Injection Time:	11:41

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	31.0	1.369919	1.417375	0.01	3.5	20	
Dimethyl phthalate	A	30.0	30.5	1.300938	1.323608	0.01	1.7	20	
Di-n-butyl phthalate	A	30.0	32.5	1.342313	1.453585	0.01	8.3	20	
Di-n-octyl phthalate	A	30.0	50.3	1.343411	2.25148	0.01	67.6	20	*
Diphenylamine	A	30.0	36.6	0.7229768	0.8812292		21.9	20	*
Fluoranthene	A	30.0	37.2	1.110984	1.377823	0.6	24.0	20	*
Fluorene	A	30.0	31.1	1.346898	1.396435	0.9	3.7	20	
Hexachlorobenzene	A	30.0	28.8	0.1234671	0.1184881	0.1	-4.0	20	
Hexachlorobutadiene	A	30.0	31.4	0.1240752	0.1297444	0.01	4.6	20	
Hexachlorocyclopentadiene	A	30.0	27.4	0.2201155	0.2007336	0.05	-8.8	20	
Hexachloroethane	A	30.0	32.0	0.6793899	0.7235182	0.3	6.5	20	
Indeno(1,2,3-cd)pyrene	A	30.0	39.4	0.9948772	1.307818	0.5	31.5	20	*
Isophorone	A	30.0	29.6	0.8355524	0.8246986	0.4	-1.3	20	
Naphthalene	A	30.0	29.2	1.1001	1.069833	0.7	-2.8	20	
Nitrobenzene	A	30.0	27.0	0.4492418	0.4038574	0.2	-10.1	20	
N-Nitrosodimethylamine	A	30.0	27.6	1.068787	0.9838756		-7.9	20	
N-nitroso-di-n-propylamine	A	30.0	33.2	1.0928	1.208423	0.5	10.6	20	
N-Nitrosodiphenylamine	A	30.0	35.1	0.2602729	0.3043531	0.01	16.9	20	
Parathion	A	30.0	39.7	0.1432466	0.189616		32.4	20	* NT
Pentachloronitrobenzene	A	30.0	30.9	8.161671E-02	0.0840014		2.9	20	
Pentachlorophenol	A	30.0	33.5	9.655067E-02	0.1078162	0.05	11.7	20	
Phenanthrene	A	30.0	29.3	1.103283	1.078944	0.7	-2.2	20	
Phenol	A	30.0	29.8	2.11709	2.103108	0.8	-0.7	20	
Pyrene	A	30.0	28.6	1.566166	1.494194	0.6	-4.6	20	
Pyridine	A	30.0	28.1	1.789866	1.674131		-6.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #1	Calibration:	SL30040
Lab File ID:	BNA1026729.D	Calibration Date:	12/18/23 00:20
Sequence:	S4C2524	Injection Date:	03/24/24
Lab Sample ID:	S4C2524-CCV1	Injection Time:	16:33

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	28.7	0.3414234	0.3388818	0.01	-0.7	20	
4-Nitrophenol	A	30.0	29.3	0.1910347	0.1866449	0.01	-2.3	20	
Acenaphthene	A	30.0	26.8	1.195658	1.068323	0.9	-10.6	20	
Acenaphthylene	A	30.0	28.4	1.858781	1.758486	0.9	-5.4	20	
Acetophenone	A	30.0	31.4	1.924308	2.014173	0.01	4.7	20	
Aniline	A	30.0	26.8	1.91387	1.710121		-10.6	20	
Anthracene	A	30.0	27.3	1.124493	1.024941	0.7	-8.9	20	
Atrazine	A	30.0	31.0	0.2060074	0.2131006	0.01	3.4	20	
Benzaldehyde	A	30.0	28.8	1.085643	1.042657	0.01	-4.0	20	
Benzidine	A	30.0	22.0	0.6627838	0.4996223		-24.6	20	*
Benzo(a)anthracene	A	30.0	29.2	1.291214	1.2577	0.8	-2.6	20	
Benzo(a)pyrene	A	30.0	31.7	1.11622	1.179767	0.7	5.7	20	
Benzo(b)fluoranthene	A	30.0	32.2	1.133164	1.216257	0.7	7.3	20	
Benzo(g,h,i)perylene	A	30.0	34.2	0.9569312	1.089732	0.5	13.9	20	
Benzo(k)fluoranthene	A	30.0	29.5	1.246466	1.224527	0.7	-1.8	20	
Benzoic acid	A	30.0	30.7	0.1978623	0.2245391		13.5	20	
Benzyl alcohol	A	30.0	30.5	0.9244839	0.9385356		1.5	20	
Benzyl butyl phthalate	A	30.0	37.1	0.4962675	0.6134752		23.6	20	*
Bis(2-chloroethoxy)methane	A	30.0	27.6	0.3789655	0.3480183	0.3	-8.2	20	
Bis(2-chloroethyl)ether	A	30.0	31.4	1.347296	1.412305	0.7	4.8	20	
Bis(2-chloroisopropyl)ether	A	30.0	31.7	1.665822	1.761368	0.01	5.7	20	
Bis(2-ethylhexyl)phthalate	A	30.0	37.5	0.6762926	0.8532926		26.2	20	*
Caprolactam	A	30.0	29.2	0.1146539	0.1114689	0.01	-2.8	20	
Carbazole	A	30.0	28.8	1.047902	1.005445	0.01	-4.1	20	
Chrysene	A	30.0	27.4	1.304205	1.189242	0.7	-8.8	20	
Dibenzo(a,h)anthracene	A	30.0	35.0	0.9933499	1.157414	0.4	16.5	20	
Dibenzofuran	A	30.0	27.2	1.74345	1.583642	0.8	-9.2	20	
Diethyl phthalate	A	30.0	33.4	1.315215	1.464664	0.01	11.4	20	
Dimethyl phthalate	A	30.0	31.0	1.296099	1.337833	0.01	3.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #1	Calibration:	SL30040
Lab File ID:	BNA1026739.D	Calibration Date:	12/18/23 00:20
Sequence:	S4C2544	Injection Date:	03/25/24
Lab Sample ID:	S4C2544-CCV1	Injection Time:	09:29

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	29.8	0.3414234	0.3524679	0.01	3.2	20	
4-Nitrophenol	A	30.0	30.4	0.1910347	0.1937466	0.01	1.4	20	
Acenaphthene	A	30.0	26.8	1.195658	1.070012	0.9	-10.5	20	
Acenaphthylene	A	30.0	28.7	1.858781	1.775861	0.9	-4.5	20	
Acetophenone	A	30.0	30.4	1.924308	1.950509	0.01	1.4	20	
Aniline	A	30.0	26.5	1.91387	1.690917		-11.6	20	
Anthracene	A	30.0	27.9	1.124493	1.045135	0.7	-7.1	20	
Atrazine	A	30.0	31.1	0.2060074	0.2133639	0.01	3.6	20	
Benzaldehyde	A	30.0	27.9	1.085643	1.008085	0.01	-7.1	20	
Benzidine	A	30.0	22.2	0.6627838	0.5056772		-23.7	20	*
Benzo(a)anthracene	A	30.0	31.0	1.291214	1.335874	0.8	3.5	20	
Benzo(a)pyrene	A	30.0	30.8	1.11622	1.145478	0.7	2.6	20	
Benzo(b)fluoranthene	A	30.0	30.8	1.133164	1.164828	0.7	2.8	20	
Benzo(g,h,i)perylene	A	30.0	34.0	0.9569312	1.085285	0.5	13.4	20	
Benzo(k)fluoranthene	A	30.0	30.5	1.246466	1.269103	0.7	1.8	20	
Benzoic acid	A	30.0	29.6	0.1978623	0.2169377		9.6	20	
Benzyl alcohol	A	30.0	30.0	0.9244839	0.9252204		0.08	20	
Benzyl butyl phthalate	A	30.0	38.1	0.4962675	0.6296131		26.9	20	*
Bis(2-chloroethoxy)methane	A	30.0	27.7	0.3789655	0.3496103	0.3	-7.7	20	
Bis(2-chloroethyl)ether	A	30.0	31.3	1.347296	1.404426	0.7	4.2	20	
Bis(2-chloroisopropyl)ether	A	30.0	31.2	1.665822	1.734349	0.01	4.1	20	
Bis(2-ethylhexyl)phthalate	A	30.0	37.4	0.6762926	0.8516205		25.9	20	*
Caprolactam	A	30.0	29.0	0.1146539	0.1106937	0.01	-3.5	20	
Carbazole	A	30.0	29.2	1.047902	1.020642	0.01	-2.6	20	
Chrysene	A	30.0	28.8	1.304205	1.251096	0.7	-4.1	20	
Dibenzo(a,h)anthracene	A	30.0	35.1	0.9933499	1.163378	0.4	17.1	20	
Dibenzofuran	A	30.0	27.6	1.74345	1.606509	0.8	-7.9	20	
Diethyl phthalate	A	30.0	33.2	1.315215	1.45361	0.01	10.5	20	
Dimethyl phthalate	A	30.0	30.7	1.296099	1.327595	0.01	2.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	BNA #1	Calibration:	SL30040
Lab File ID:	BNA1026785.D	Calibration Date:	12/18/23 00:20
Sequence:	S4C2734	Injection Date:	03/27/24
Lab Sample ID:	S4C2734-CCV1	Injection Time:	09:04

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	29.1	0.6932119	0.6714943	0.4	-3.1	20	
4-Nitroaniline	A	30.0	1.50	0.3414234	1.771222E-02	0.01	-94.8	20	*
4-Nitrophenol	A	30.0	28.9	0.1910347	0.1842949	0.01	-3.5	20	
Acenaphthene	A	30.0	27.0	1.195658	1.077446	0.9	-9.9	20	
Acenaphthylene	A	30.0	29.3	1.858781	1.816823	0.9	-2.3	20	
Acetophenone	A	30.0	30.4	1.924308	1.949573	0.01	1.3	20	
Alpha Terpineol	A	30.0	31.9	0.2488612	0.2644922		6.3	20	
Aniline	A	30.0	26.8	1.91387	1.712557		-10.5	20	
Anthracene	A	30.0	28.5	1.124493	1.066726	0.7	-5.1	20	
Atrazine	A	30.0	31.3	0.2060074	0.2149994	0.01	4.4	20	
Benzaldehyde	A	30.0	28.4	1.085643	1.026957	0.01	-5.4	20	
Benzidine	A	30.0	24.8	0.6627838	0.5651472		-14.7	20	
Benzo(a)anthracene	A	30.0	29.8	1.291214	1.280446	0.8	-0.8	20	
Benzo(a)pyrene	A	30.0	30.4	1.11622	1.131313	0.7	1.4	20	
Benzo(b)fluoranthene	A	30.0	31.8	1.133164	1.200786	0.7	6.0	20	
Benzo(g,h,i)perylene	A	30.0	33.6	0.9569312	1.072663	0.5	12.1	20	
Benzo(k)fluoranthene	A	30.0	28.9	1.246466	1.200786	0.7	-3.7	20	
Benzoic acid	A	30.0	32.0	0.1978623	0.2342451		18.4	20	
Benzyl alcohol	A	30.0	30.5	0.9244839	0.9410356		1.8	20	
Benzyl butyl phthalate	A	30.0	37.0	0.4962675	0.6112363		23.2	20	*
Bis(2-chloroethoxy)methane	A	30.0	28.1	0.3789655	0.3554371	0.3	-6.2	20	
Bis(2-chloroethyl)ether	A	30.0	31.3	1.347296	1.407385	0.7	4.5	20	
Bis(2-chloroisopropyl)ether	A	30.0	30.6	1.665822	1.701575	0.01	2.1	20	
Bis(2-ethylhexyl)phthalate	A	30.0	36.6	0.6762926	0.8330909		23.2	20	*
Caprolactam	A	30.0	29.8	0.1146539	0.1140345	0.01	-0.5	20	
Carbazole	A	30.0	29.9	1.047902	1.044674	0.01	-0.3	20	
Chrysene	A	30.0	27.4	1.304205	1.192547	0.7	-8.6	20	
Dibenzo(a,h)anthracene	A	30.0	35.2	0.9933499	1.164695	0.4	17.2	20	
Dibenzofuran	A	30.0	27.8	1.74345	1.614873	0.8	-7.4	20	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2549
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB8A (24C1132-01)			Lab File ID: QQQ36606.d		Analyzed: 03/24/24 17:57			
M3PFBS	2.12	148	25 - 150	5.1503	5.188352	-0.0381	+/-1.00	
M5PFHxA	2.28	146	25 - 150	5.9453	6.060756	-0.1155	+/-1.00	
M4PFHpA	2.28	129	25 - 150	6.704117	6.903915	-0.1998	+/-1.00	
M3PFHxS	2.16	149	25 - 150	6.79655	7.011017	-0.2145	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.28	145	25 - 150	7.334517	7.60531	-0.2708	+/-1.00	
M6PFDA	1.14	139	25 - 150	8.447817	8.749367	-0.3015	+/-1.00	
M7PFUdA	1.14	114	25 - 150	8.929183	9.201373	-0.2722	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.14	107	25 - 150	9.355367	9.604283	-0.2489	+/-1.00	
M2PFTeDA	1.14	126	10 - 150	10.12888	10.24637	-0.1175	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.14	27.4	25 - 150	1.195633	1.085464	0.1102	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.18	161	25 - 150	7.946033	8.256346	-0.3103	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.56	67.6	25 - 150	4.338767	4.262933	0.0758	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.28	113	10 - 150	8.94235	9.203367	-0.2610	+/-1.00	
d3-N-MeFOSAA	4.56	136	25 - 150	8.658783	8.950419	-0.2916	+/-1.00	
d5-N-EtFOSAA	4.56	122	25 - 150	8.9004	9.179538	-0.2791	+/-1.00	
M2-6:2 FTS	4.34	183	25 - 200	7.276883	7.542923	-0.2660	+/-1.00	
M2-8:2 FTS	4.38	208	25 - 200	8.4099	8.713817	-0.3039	+/-1.00	*
M9PFNA	1.14	130	25 - 150	7.919483	8.220583	-0.3011	+/-1.00	
M2-4:2 FTS	4.28	126	25 - 150	5.878833	5.989129	-0.1103	+/-1.00	
d-N-MeFOSA	2.28	70.8	25 - 150	9.8406	10.00189	-0.1613	+/-1.00	
d-N-EtFOSA	2.28	72.2	25 - 150	10.16227	10.26123	-0.0990	+/-1.00	
M3HFPO-DA	9.14	142	25 - 150	6.216583	6.362534	-0.1460	+/-1.00	
d9-N-EtFOSE	22.8	87.1	25 - 150	10.11308	10.22297	-0.1099	+/-1.00	
d7-N-MeFOSE	22.8	89.6	25 - 150	9.818483	9.973471	-0.1550	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2549
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB8B (24C1132-02)			Lab File ID: QQQ36607.d		Analyzed: 03/24/24 18:13			
M3PFBS	2.12	127	25 - 150	5.13185	5.188352	-0.0565	+/-1.00	
M5PFHxA	2.28	138	25 - 150	5.9453	6.060756	-0.1155	+/-1.00	
M4PFHpA	2.28	115	25 - 150	6.7041	6.903915	-0.1998	+/-1.00	
M3PFHxS	2.16	129	25 - 150	6.805783	7.011017	-0.2052	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.28	142	25 - 150	7.343767	7.60531	-0.2615	+/-1.00	
M6PFDA	1.14	133	25 - 150	8.466333	8.749367	-0.2830	+/-1.00	
M7PFUdA	1.14	122	25 - 150	8.957817	9.201373	-0.2436	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.14	106	25 - 150	9.41085	9.604283	-0.1934	+/-1.00	
M2PFTeDA	1.14	102	10 - 150	10.18422	10.24637	-0.0622	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.12	20.3	25 - 150	1.1589	1.085464	0.0734	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.18	141	25 - 150	7.964583	8.256346	-0.2918	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.55	64.3	25 - 150	4.2928	4.262933	0.0299	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.28	106	10 - 150	8.97125	9.203367	-0.2321	+/-1.00	
d3-N-MeFOSAA	4.55	125	25 - 150	8.686566	8.950419	-0.2639	+/-1.00	
d5-N-EtFOSAA	4.55	121	25 - 150	8.937516	9.179538	-0.2420	+/-1.00	
M2-6:2 FTS	4.32	125	25 - 200	7.296117	7.542923	-0.2468	+/-1.00	
M2-8:2 FTS	4.37	139	25 - 200	8.428433	8.713817	-0.2854	+/-1.00	
M9PFNA	1.14	140	25 - 150	7.938033	8.220583	-0.2826	+/-1.00	
M2-4:2 FTS	4.27	103	25 - 150	5.878817	5.989129	-0.1103	+/-1.00	
d-N-MeFOSA	2.28	88.3	25 - 150	9.9144	10.00189	-0.0875	+/-1.00	
d-N-EtFOSA	2.28	65.7	25 - 150	10.2267	10.26123	-0.0345	+/-1.00	
M3HFPO-DA	9.12	130	25 - 150	6.216583	6.362534	-0.1460	+/-1.00	
d9-N-EtFOSE	22.8	89.6	25 - 150	10.17808	10.22297	-0.0449	+/-1.00	
d7-N-MeFOSE	22.8	87.9	25 - 150	9.873816	9.973471	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2549
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB9A (24C1132-03)			Lab File ID: QQQ36608.d		Analyzed: 03/24/24 18:29			
M3PFBS	2.06	130	25 - 150	5.141083	5.188352	-0.0473	+/-1.00	
M5PFHxA	2.22	140	25 - 150	5.945317	6.060756	-0.1154	+/-1.00	
M4PFHpA	2.22	124	25 - 150	6.694883	6.903915	-0.2090	+/-1.00	
M3PFHxS	2.10	134	25 - 150	6.786467	7.011017	-0.2246	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.22	133	25 - 150	7.32525	7.60531	-0.2801	+/-1.00	
M6PFDA	1.11	136	25 - 150	8.438566	8.749367	-0.3108	+/-1.00	
M7PFUdA	1.11	132	25 - 150	8.9199	9.201373	-0.2815	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.11	122	25 - 150	9.364616	9.604283	-0.2397	+/-1.00	
M2PFTeDA	1.11	96.6	10 - 150	10.11965	10.24637	-0.1267	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	8.88	4.86	25 - 150	1.168083	1.085464	0.0826	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.12	129	25 - 150	7.936917	8.256346	-0.3194	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.43	48.3	25 - 150	4.320384	4.262933	0.0575	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.22	128	10 - 150	8.933066	9.203367	-0.2703	+/-1.00	
d3-N-MeFOSAA	4.43	103	25 - 150	8.649533	8.950419	-0.3009	+/-1.00	
d5-N-EtFOSAA	4.43	115	25 - 150	8.9004	9.179538	-0.2791	+/-1.00	
M2-6:2 FTS	4.21	103	25 - 200	7.267633	7.542923	-0.2753	+/-1.00	
M2-8:2 FTS	4.25	114	25 - 200	8.40065	8.713817	-0.3132	+/-1.00	
M9PFNA	1.11	138	25 - 150	7.910217	8.220583	-0.3104	+/-1.00	
M2-4:2 FTS	4.16	96.6	25 - 150	5.878833	5.989129	-0.1103	+/-1.00	
d-N-MeFOSA	2.22	80.8	25 - 150	9.849833	10.00189	-0.1521	+/-1.00	
d-N-EtFOSA	2.22	66.3	25 - 150	10.16227	10.26123	-0.0990	+/-1.00	
M3HFPO-DA	8.88	138	25 - 150	6.207167	6.362534	-0.1554	+/-1.00	
d9-N-EtFOSE	22.2	86.2	25 - 150	10.11307	10.22297	-0.1099	+/-1.00	
d7-N-MeFOSE	22.2	76.6	25 - 150	9.818467	9.973471	-0.1550	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2549
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB9B (24C1132-04)			Lab File ID: QQQ36611.d		Analyzed: 03/24/24 19:17			
M3PFBS	2.07	131	25 - 150	5.122617	5.188352	-0.0657	+/-1.00	
M5PFHxA	2.22	134	25 - 150	5.9453	6.060756	-0.1155	+/-1.00	
M4PFHpA	2.22	105	25 - 150	6.71335	6.903915	-0.1906	+/-1.00	
M3PFHxS	2.11	134	25 - 150	6.815017	7.011017	-0.1960	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.22	152	25 - 150	7.362583	7.60531	-0.2427	+/-1.00	*
M6PFDA	1.11	146	25 - 150	8.494133	8.749367	-0.2552	+/-1.00	
M7PFUdA	1.11	148	25 - 150	8.976334	9.201373	-0.2250	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.11	146	25 - 150	9.4016	9.604283	-0.2027	+/-1.00	
M2PFTeDA	1.11	126	10 - 150	10.13807	10.24637	-0.1083	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	8.91	17.5	25 - 150	1.18645	1.085464	0.1010	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.13	140	25 - 150	7.992667	8.256346	-0.2637	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.44	118	25 - 150	4.283617	4.262933	0.0207	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.22	125	10 - 150	8.989767	9.203367	-0.2136	+/-1.00	
d3-N-MeFOSAA	4.44	114	25 - 150	8.7051	8.950419	-0.2453	+/-1.00	
d5-N-EtFOSAA	4.44	129	25 - 150	8.9468	9.179538	-0.2327	+/-1.00	
M2-6:2 FTS	4.23	99.9	25 - 200	7.305383	7.542923	-0.2375	+/-1.00	
M2-8:2 FTS	4.27	99.0	25 - 200	8.465484	8.713817	-0.2483	+/-1.00	
M9PFNA	1.11	140	25 - 150	7.956933	8.220583	-0.2636	+/-1.00	
M2-4:2 FTS	4.17	100	25 - 150	5.878817	5.989129	-0.1103	+/-1.00	
d-N-MeFOSA	2.22	98.8	25 - 150	9.868267	10.00189	-0.1336	+/-1.00	
d-N-EtFOSA	2.22	86.0	25 - 150	10.16223	10.26123	-0.0990	+/-1.00	
M3HFPO-DA	8.91	134	25 - 150	6.225833	6.362534	-0.1367	+/-1.00	
d9-N-EtFOSE	22.2	102	25 - 150	10.12227	10.22297	-0.1007	+/-1.00	
d7-N-MeFOSE	22.2	97.3	25 - 150	9.836917	9.973471	-0.1366	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2549
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB9C (24C1132-05)			Lab File ID: QQQ36612.d		Analyzed: 03/24/24 19:34			
M3PFBS	2.36	122	25 - 150	5.1134	5.188352	-0.0750	+/-1.00	
M5PFHxA	2.53	121	25 - 150	5.9453	6.060756	-0.1155	+/-1.00	
M4PFHpA	2.53	94.3	25 - 150	6.7226	6.903915	-0.1813	+/-1.00	
M3PFHxS	2.40	126	25 - 150	6.824266	7.011017	-0.1868	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.53	115	25 - 150	7.37185	7.60531	-0.2335	+/-1.00	
M6PFDA	1.26	123	25 - 150	8.513066	8.749367	-0.2363	+/-1.00	
M7PFUdA	1.26	119	25 - 150	8.985617	9.201373	-0.2158	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.26	122	25 - 150	9.410867	9.604283	-0.1934	+/-1.00	
M2PFTeDA	1.26	109	10 - 150	10.11963	10.24637	-0.1267	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.1	4.21	25 - 150	1.122183	1.085464	0.0367	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.42	124	25 - 150	8.001933	8.256346	-0.2544	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.06	63.6	25 - 150	4.24685	4.262933	-0.0161	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.53	113	10 - 150	8.99905	9.203367	-0.2043	+/-1.00	
d3-N-MeFOSAA	5.06	100	25 - 150	8.72365	8.950419	-0.2268	+/-1.00	
d5-N-EtFOSAA	5.06	112	25 - 150	8.965983	9.179538	-0.2136	+/-1.00	
M2-6:2 FTS	4.81	88.2	25 - 200	7.31465	7.542923	-0.2283	+/-1.00	
M2-8:2 FTS	4.86	98.8	25 - 200	8.47475	8.713817	-0.2391	+/-1.00	
M9PFNA	1.26	137	25 - 150	7.966217	8.220583	-0.2544	+/-1.00	
M2-4:2 FTS	4.75	91.9	25 - 150	5.878817	5.989129	-0.1103	+/-1.00	
d-N-MeFOSA	2.53	103	25 - 150	9.868283	10.00189	-0.1336	+/-1.00	
d-N-EtFOSA	2.53	93.1	25 - 150	10.15347	10.26123	-0.1078	+/-1.00	
M3HFPO-DA	10.1	122	25 - 150	6.225833	6.362534	-0.1367	+/-1.00	
d9-N-EtFOSE	25.3	121	25 - 150	10.11307	10.22297	-0.1099	+/-1.00	
d7-N-MeFOSE	25.3	107	25 - 150	9.836917	9.973471	-0.1366	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2549
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB10A (24C1132-06)			Lab File ID: QQQ36613.d		Analyzed: 03/24/24 19:50			
M3PFBS	2.11	133	25 - 150	5.13185	5.188352	-0.0565	+/-1.00	
M5PFHxA	2.27	139	25 - 150	5.9453	6.060756	-0.1155	+/-1.00	
M4PFHpA	2.27	126	25 - 150	6.704117	6.903915	-0.1998	+/-1.00	
M3PFHxS	2.15	135	25 - 150	6.79655	7.011017	-0.2145	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.27	146	25 - 150	7.334517	7.60531	-0.2708	+/-1.00	
M6PFDA	1.13	144	25 - 150	8.466333	8.749367	-0.2830	+/-1.00	
M7PFUdA	1.13	141	25 - 150	8.947733	9.201373	-0.2536	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.13	141	25 - 150	9.3831	9.604283	-0.2212	+/-1.00	
M2PFTeDA	1.13	113	10 - 150	10.19343	10.24637	-0.0529	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.08	3.04	25 - 150	1.168083	1.085464	0.0826	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.17	136	25 - 150	7.9646	8.256346	-0.2917	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.53	29.9	25 - 150	4.302	4.262933	0.0391	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.27	123	10 - 150	8.961984	9.203367	-0.2414	+/-1.00	
d3-N-MeFOSAA	4.53	111	25 - 150	8.6773	8.950419	-0.2731	+/-1.00	
d5-N-EtFOSAA	4.53	133	25 - 150	8.928233	9.179538	-0.2513	+/-1.00	
M2-6:2 FTS	4.31	92.5	25 - 200	7.286133	7.542923	-0.2568	+/-1.00	
M2-8:2 FTS	4.35	90.1	25 - 200	8.428433	8.713817	-0.2854	+/-1.00	
M9PFNA	1.13	146	25 - 150	7.928767	8.220583	-0.2918	+/-1.00	
M2-4:2 FTS	4.25	96.6	25 - 150	5.878833	5.989129	-0.1103	+/-1.00	
d-N-MeFOSA	2.27	96.6	25 - 150	9.89595	10.00189	-0.1059	+/-1.00	
d-N-EtFOSA	2.27	83.2	25 - 150	10.2175	10.26123	-0.0437	+/-1.00	
M3HFPO-DA	9.08	136	25 - 150	6.2166	6.362534	-0.1459	+/-1.00	
d9-N-EtFOSE	22.7	88.9	25 - 150	10.17808	10.22297	-0.0449	+/-1.00	
d7-N-MeFOSE	22.7	89.3	25 - 150	9.855367	9.973471	-0.1181	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Sequence: S4C2549
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB10B (24C1132-07)			Lab File ID: QQQ36614.d		Analyzed: 03/24/24 20:06			
M3PFBS	2.55	126	25 - 150	5.1503	5.188352	-0.0381	+/-1.00	
M5PFHxA	2.74	139	25 - 150	5.954533	6.060756	-0.1062	+/-1.00	
M4PFHpA	2.74	125	25 - 150	6.713367	6.903915	-0.1905	+/-1.00	
M3PFHxS	2.59	122	25 - 150	6.8058	7.011017	-0.2052	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.74	128	25 - 150	7.353066	7.60531	-0.2522	+/-1.00	
M6PFDA	1.36	124	25 - 150	8.475616	8.749367	-0.2738	+/-1.00	
M7PFUdA	1.36	112	25 - 150	8.957833	9.201373	-0.2435	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.36	96.2	25 - 150	9.401617	9.604283	-0.2027	+/-1.00	
M2PFTeDA	1.36	81.6	10 - 150	10.17502	10.24637	-0.0714	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.0	8.13	25 - 150	1.18645	1.085464	0.1010	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.62	104	25 - 150	7.9646	8.256346	-0.2917	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.47	73.0	25 - 150	4.329566	4.262933	0.0666	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.74	110	10 - 150	8.97125	9.203367	-0.2321	+/-1.00	
d3-N-MeFOSAA	5.47	79.5	25 - 150	8.686584	8.950419	-0.2638	+/-1.00	
d5-N-EtFOSAA	5.47	91.7	25 - 150	8.937533	9.179538	-0.2420	+/-1.00	
M2-6:2 FTS	5.20	78.3	25 - 200	7.296134	7.542923	-0.2468	+/-1.00	
M2-8:2 FTS	5.25	69.3	25 - 200	8.437716	8.713817	-0.2761	+/-1.00	
M9PFNA	1.36	126	25 - 150	7.93805	8.220583	-0.2825	+/-1.00	
M2-4:2 FTS	5.13	89.4	25 - 150	5.88805	5.989129	-0.1011	+/-1.00	
d-N-MeFOSA	2.74	94.8	25 - 150	9.895967	10.00189	-0.1059	+/-1.00	
d-N-EtFOSA	2.74	75.1	25 - 150	10.2083	10.26123	-0.0529	+/-1.00	
M3HFPO-DA	11.0	146	25 - 150	6.225833	6.362534	-0.1367	+/-1.00	
d9-N-EtFOSE	27.4	81.2	25 - 150	10.15968	10.22297	-0.0633	+/-1.00	
d7-N-MeFOSE	27.4	78.6	25 - 150	9.855383	9.973471	-0.1181	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41634	Laboratory ID:	BC41634-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.06 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.47	3.67	49.1 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.2	13.3	87.8	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.8	12.4	83.6	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.0	11.5	76.7	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.1	53.0	67.0	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.1	69.5	87.9	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.8	7.15	45.2 *	50 - 150
9CL-PF3ONS	7.39	4.91	66.5	50 - 150
ADONA	7.47	7.08	94.8	50 - 150
HFPO-DA (Gen-X)	7.91	5.89	74.4	50 - 150
N-EtFOSA	3.95	4.29	108	50 - 150
N-EtFOSAA	3.95	3.58	90.5	50 - 150
N-EtFOSE	39.5	28.9	73.0	50 - 150
N-MeFOSA	3.95	2.94	74.4	50 - 150
N-MeFOSAA	3.95	3.27	82.8	50 - 150
N-MeFOSE	39.5	32.5	82.2	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.04	6.65	94.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.81	2.71	71.0	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.77	3.87	102	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.79	3.01	79.4	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.95	3.50	88.5	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.72	3.36	90.4	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.91	4.76	60.2	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.91	1.50	19.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.91	11.2	142	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.50	3.06	87.4	50 - 150
Perfluorodecanoic acid (PFDA)	3.95	2.66	67.4	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.83	2.06	53.6	50 - 150
Perfluorododecanoic acid (PFDoA)	3.95	3.46	87.5	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41634	Laboratory ID:	BC41634-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.09 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	1.49	0.666	44.8 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	3.02	3.38	112	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	2.95	2.83	96.2	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2.99	2.85	95.4	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	15.7	10.3	65.7	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	15.7	14.6	92.8	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	3.14	1.52	48.5 *	50 - 150
9CL-PF3ONS	1.47	0.881	59.9	50 - 150
ADONA	1.49	1.49	100	50 - 150
HFPO-DA (Gen-X)	1.57	1.33	84.4	50 - 150
N-EtFOSA	0.786	0.804	102	50 - 150
N-EtFOSAA	0.786	0.662	84.3	50 - 150
N-EtFOSE	7.86	7.11	90.5	50 - 150
N-MeFOSA	0.786	0.989	126	50 - 150
N-MeFOSAA	0.786	0.834	106	50 - 150
N-MeFOSE	7.86	7.86	100	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.40	1.45	104	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.758	0.582	76.8	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.750	1.02	135	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.754	0.699	92.6	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.786	0.845	108	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.739	0.824	112	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.57	1.20	76.4	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	1.57	0.262	16.7 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	1.57	2.66	169 *	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.695	0.681	97.9	50 - 150
Perfluorodecanoic acid (PFDA)	0.786	0.740	94.2	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.762	0.357	46.9 *	50 - 150
Perfluorododecanoic acid (PFDoA)	0.786	0.739	94.0	50 - 150

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Calibration: SA40047
Instrument: LCQQQ
Calibration Date: 01/29/24 17:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
11CL-PF3OUdS	0.7320301	7.929015	9.452433	0.2150893		0.9999296	0.995	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.1815797	36.52009	8.713058	0.3310924		0.9888906	0.995	*
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.7792083	34.39008	5.989729	0.1300022		0.9919102	0.995	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.9554416	35.67345	7.54212	0.3852704		0.9869298	0.995	*
3-Perfluoroheptyl propanoic acid (FHpPA)	0.1394451	12.29949	8.346396	0.4063312		0.9998169	0.995	
3-Perfluoropentyl propanoic acid (FPePA)	0.1157701	9.365422	6.959558	0.2737375		0.9999214	0.995	
3-Perfluoropropyl propanoic acid (FPrPA)	1.734994E-02	7.174191	3.930635	0.4320211		0.9998453	0.995	
9CL-PF3ONS	0.9862722	2.446779	8.5862	0.3605325		0.9999975	0.995	
ADONA	0.4493586	3.724216	7.045652	0.3130683		0.9998886	0.995	
d3-N-MeFOSAA	1.701255	8.727988	8.950419	0.3062377			20	
d5-N-EtFOSAA	1.249266	13.73548	9.179538	0.2703304			20	
d7-N-MeFOSE	9.913181E-02	5.539495	9.973471	0.1687928			20	
d9-N-EtFOSE	4.108129E-02	7.057036	10.22297	0.2124606			20	
d-N-EtFOSA	0.1356046	7.888135	10.26123	0.2481569			20	
d-N-MeFOSA	0.2065466	7.315149	10.00189	0.1908369			20	
HFPO-DA (Gen-X)	0.0233245	15.58867	6.363911	0.1967547		0.9990519	0.995	
M2-4:2 FTS	7.57046	25.56779	5.989129	0.1302444			20	*
M2-6:2 FTS	5.134641	30.40822	7.542923	0.391174			20	*
M2-8:2 FTS	7.011322	32.1803	8.713817	0.3351021			20	*
M2PFTeDA	0.9560215	6.241583	10.24637	0.2184797			20	
M3HFPO-DA	0.2841971	17.25037	6.362534	0.2016556			20	
M3PFBS	5.417139	8.083656	5.188352	0.2001419			20	
M3PFHxS	3.339968	9.77535	7.011017	0.3334606			20	
M4PFHpA	0.2514181	12.12566	6.903915	0.286227			20	
M5PFHxA	1.732437	7.658696	6.060756	0.1624445			20	
M6PFDA	1.574956	8.463066	8.749367	0.3198994			20	
M7PFUdA	2.056038	10.89033	9.201373	0.240515			20	
M9PFNA	0.2825634	8.389743	8.220583	0.4251065			20	
N-EtFOSA	1.208752	16.6614	10.2703	0.2299934		0.9980897	0.995	
N-EtFOSAA	1.000592	5.345123	9.188031	0.2671585		0.999934	0.995	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36609.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2549	Injection Date:	03/24/24
Lab Sample ID:	S4C2549-CCV3	Injection Time:	18:45

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.68	0.7320301	0.7798913		2.4	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.8	0.1815797	0.2303942		12.8	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.52	0.7792083	0.9405612		1.5	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.07	0.9554416	1.07912		-4.5	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	53.2	0.1394451	0.1205165		-15.0	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	61.4	0.1157701	0.117987		-2.0	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	11.0	1.734994E-02	1.582213E-02		-12.1	30	
9CL-PF3ONS	A	9.35	10.6	0.9862722	1.117172		13.3	30	
ADONA	A	9.45	10.6	0.4493586	0.5211014		11.9	30	
HFPO-DA (Gen-X)	A	10.0	10.3	0.0233245	2.502948E-02		2.9	30	
N-EtFOSA	A	2.50	2.89	1.208752	1.280123		15.6	30	
N-EtFOSAA	A	2.50	2.72	1.000592	1.019629		8.7	30	
N-EtFOSE	A	25.0	23.2	2.353383	2.168501		-7.3	30	
N-MeFOSA	A	2.50	2.37	1.01519	0.8480787		-5.2	30	
N-MeFOSAA	A	2.50	2.45	0.9256655	0.8799117		-2.0	30	
N-MeFOSE	A	25.0	25.4	0.9759282	0.9332812		1.6	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	5.25	1.104744	1.24008		18.0	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.96	0.7069136	0.8548156		23.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.70	2.503952	2.719466		13.4	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.85	1.699166	1.858769		18.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.39	1.487501	1.275144		-4.3	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.59	1.433993	1.421607		10.4	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.27	1.863594E-02	1.358188E-02		-34.7	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36621.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2549	Injection Date:	03/24/24
Lab Sample ID:	S4C2549-CCV4	Injection Time:	21:58

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.99	0.7320301	0.8056065		5.8	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.5	0.1815797	0.2237655		9.3	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.51	0.7792083	0.9395699		1.4	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.64	0.9554416	1.030678		-9.1	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	52.3	0.1394451	0.1184483		-16.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	58.3	0.1157701	0.1121681		-6.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	10.3	1.734994E-02	1.484166E-02		-17.5	30	
9CL-PF3ONS	A	9.35	10.4	0.9862722	1.095596		11.1	30	
ADONA	A	9.45	10.3	0.4493586	0.5057694		8.6	30	
HFPO-DA (Gen-X)	A	10.0	9.60	0.0233245	0.0233507		-4.0	30	
N-EtFOSA	A	2.50	2.90	1.208752	1.285287		16.1	30	
N-EtFOSAA	A	2.50	2.65	1.000592	0.9925484		5.8	30	
N-EtFOSE	A	25.0	21.2	2.353383	1.988049		-15.0	30	
N-MeFOSA	A	2.50	2.51	1.01519	0.8981792		0.4	30	
N-MeFOSAA	A	2.50	2.45	0.9256655	0.8800244		-2.0	30	
N-MeFOSE	A	25.0	24.1	0.9759282	0.8842779		-3.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	5.09	1.104744	1.202117		14.4	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.81	0.7069136	0.8104317		16.6	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.64	2.503952	2.660802		10.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.04	1.699166	1.976508		26.5	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.89	1.487501	1.543317		15.8	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.48	1.433993	1.355488		5.3	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.42	1.863594E-02	1.423097E-02		-31.5	30	*

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082A

SB9A

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41546	Laboratory ID:	BC41546-MS2
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: SB9A

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aroclor 1016	0.357	ND	0.123	34.5 *	40 - 140
Aroclor 1016 [2C]	0.357	ND	0.133	37.4 *	40 - 140
Aroclor 1260	0.357	ND	0.171	48.0	40 - 140
Aroclor 1260 [2C]	0.357	ND	0.177	49.5	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SB9A

EPA 8082A

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1132
Client:	DT Consulting Services	Project:	C314132 Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41546	Laboratory ID:	BC41546-MSD2
Preparation:	EPA 3550C	Initial/Final:	30.3 g / 10 mL

Source Sample Name: SB9A

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor 1016	0.354	0.116	32.9	*	5.42	50	40 - 140
Aroclor 1016 [2C]	0.354	0.127	35.8	*	5.09	50	40 - 140
Aroclor 1260	0.354	0.162	45.7		5.57	50	40 - 140
Aroclor 1260 [2C]	0.354	0.166	46.9		6.10	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Matrix: Soil
Batch: BC41686
Laboratory ID: BC41686-SRM1
Preparation: EPA 3050B
Initial/Final: 0.5 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	12000	12000	99.7	44.8 - 128
Antimony	331	94.0	28.4	2.17 - 110
Arsenic	268	226	84.5	70.4 - 102.2
Barium	534	523	97.9	77.9 - 110.8
Beryllium	157	127	80.9	76.3 - 107.6
Cadmium	271	229	84.4 *	88.1 - 104.9
Calcium	7030	6640	94.4	78.3 - 111.9
Chromium	276	246	89.2	73.5 - 107
Cobalt	310	277	89.6	74.8 - 105.8
Copper	287	292	102	75.3 - 105.9
Iron	10600	9710	91.3	52.1 - 126.4
Lead	330	292	88.4	74.2 - 108
Magnesium	2860	2760	96.5	71.4 - 114.7
Manganese	377	372	98.8	80.3 - 114.6
Nickel	142	125	88.4	72 - 104.2
Potassium	2440	2380	97.5	68.5 - 118.7
Selenium	164	150	91.5	70.9 - 108.8
Silver	90.4	77.8	86.1	72 - 110.1
Sodium	544	545	100	70.6 - 118.1
Thallium	198	161	81.1	70.9 - 106.7
Vanadium	220	193	88.0	67.2 - 106.6
Zinc	343	303	88.4	75.9 - 111.5

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2713

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2713-ICV1	Aluminum	10.0	9.78	97.8	ug/mL	EPA 6010D
	Antimony	0.250	0.265	106	ug/mL	EPA 6010D
	Arsenic	0.250	0.233	93.3	ug/mL	EPA 6010D
	Barium	10.0	10.4	104	ug/mL	EPA 6010D
	Beryllium	0.250	0.254	102	ug/mL	EPA 6010D
	Cadmium	0.125	0.121	97.2	ug/mL	EPA 6010D
	Calcium	25.0	25.1	101	ug/mL	EPA 6010D
	Chromium	1.00	1.01	101	ug/mL	EPA 6010D
	Cobalt	2.50	2.56	102	ug/mL	EPA 6010D
	Copper	1.25	1.29	104	ug/mL	EPA 6010D
	Iron	5.00	5.18	104	ug/mL	EPA 6010D
	Lead	0.250	0.239	95.8	ug/mL	EPA 6010D
	Magnesium	25.0	25.6	102	ug/mL	EPA 6010D
	Manganese	2.50	2.57	103	ug/mL	EPA 6010D
	Nickel	2.50	2.56	103	ug/mL	EPA 6010D
	Potassium	25.0	21.9	87.4 *	ug/mL	EPA 6010D
	Selenium	0.250	0.244	97.6	ug/mL	EPA 6010D
	Silver	1.25	1.23	98.6	ug/mL	EPA 6010D
	Sodium	25.0	26.3	105	ug/mL	EPA 6010D
	Thallium	0.250	0.257	103	ug/mL	EPA 6010D
	Vanadium	2.50	2.53	101	ug/mL	EPA 6010D
	Zinc	2.50	2.57	103	ug/mL	EPA 6010D
S4C2713-CCV1	Aluminum	10.0	9.48	94.8	ug/mL	EPA 6010D
	Antimony	0.250	0.249	99.5	ug/mL	EPA 6010D
	Arsenic	0.500	0.504	101	ug/mL	EPA 6010D
	Barium	10.0	10.3	103	ug/mL	EPA 6010D
	Beryllium	0.250	0.257	103	ug/mL	EPA 6010D
	Cadmium	0.250	0.260	104	ug/mL	EPA 6010D
	Calcium	25.0	25.2	101	ug/mL	EPA 6010D
	Chromium	1.00	0.999	99.9	ug/mL	EPA 6010D
	Cobalt	2.50	2.55	102	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.14	103	ug/mL	EPA 6010D
	Lead	0.500	0.522	104	ug/mL	EPA 6010D
	Magnesium	25.0	25.3	101	ug/mL	EPA 6010D
	Manganese	2.50	2.54	102	ug/mL	EPA 6010D
	Nickel	2.50	2.58	103	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2713

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S4C2713-CCV1	Potassium	5.00	4.23	84.6	*	ug/mL	EPA 6010D
	Selenium	0.500	0.513	103		ug/mL	EPA 6010D
	Silver	1.25	1.26	101		ug/mL	EPA 6010D
	Sodium	25.0	24.9	99.8		ug/mL	EPA 6010D
	Thallium	0.500	0.530	106		ug/mL	EPA 6010D
	Vanadium	2.50	2.49	99.5		ug/mL	EPA 6010D
	Zinc	2.50	2.62	105		ug/mL	EPA 6010D
S4C2713-CCV3	Aluminum	10.0	9.67	96.7		ug/mL	EPA 6010D
	Antimony	0.250	0.228	91.4		ug/mL	EPA 6010D
	Arsenic	0.500	0.503	101		ug/mL	EPA 6010D
	Barium	10.0	10.3	103		ug/mL	EPA 6010D
	Beryllium	0.250	0.257	103		ug/mL	EPA 6010D
	Cadmium	0.250	0.260	104		ug/mL	EPA 6010D
	Calcium	25.0	25.3	101		ug/mL	EPA 6010D
	Chromium	1.00	1.00	100		ug/mL	EPA 6010D
	Cobalt	2.50	2.54	102		ug/mL	EPA 6010D
	Copper	1.25	1.27	102		ug/mL	EPA 6010D
	Iron	5.00	5.15	103		ug/mL	EPA 6010D
	Lead	0.500	0.523	105		ug/mL	EPA 6010D
	Magnesium	25.0	25.3	101		ug/mL	EPA 6010D
	Manganese	2.50	2.54	102		ug/mL	EPA 6010D
	Nickel	2.50	2.58	103		ug/mL	EPA 6010D
	Potassium	5.00	4.27	85.4	*	ug/mL	EPA 6010D
	Selenium	0.500	0.520	104		ug/mL	EPA 6010D
	Silver	1.25	1.26	100		ug/mL	EPA 6010D
	Sodium	25.0	25.3	101		ug/mL	EPA 6010D
	Thallium	0.500	0.528	106		ug/mL	EPA 6010D
	Vanadium	2.50	2.49	99.7		ug/mL	EPA 6010D
	Zinc	2.50	2.63	105		ug/mL	EPA 6010D
S4C2713-CCV4	Aluminum	10.0	9.70	97.0		ug/mL	EPA 6010D
	Antimony	0.250	0.227	91.0		ug/mL	EPA 6010D
	Arsenic	0.500	0.504	101		ug/mL	EPA 6010D
	Barium	10.0	10.3	103		ug/mL	EPA 6010D
	Beryllium	0.250	0.257	103		ug/mL	EPA 6010D
	Cadmium	0.250	0.258	103		ug/mL	EPA 6010D
	Calcium	25.0	25.4	102		ug/mL	EPA 6010D
	Chromium	1.00	1.00	100		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1132
Client: DT Consulting Services
Project: C314132 Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2713

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2713-CCV4	Cobalt	2.50	2.54	102	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.19	104	ug/mL	EPA 6010D
	Lead	0.500	0.521	104	ug/mL	EPA 6010D
	Magnesium	25.0	25.2	101	ug/mL	EPA 6010D
	Manganese	2.50	2.55	102	ug/mL	EPA 6010D
	Nickel	2.50	2.57	103	ug/mL	EPA 6010D
	Potassium	5.00	4.21	84.1 *	ug/mL	EPA 6010D
	Selenium	0.500	0.511	102	ug/mL	EPA 6010D
	Silver	1.25	1.25	100	ug/mL	EPA 6010D
	Sodium	25.0	24.9	99.6	ug/mL	EPA 6010D
	Thallium	0.500	0.533	107	ug/mL	EPA 6010D
	Vanadium	2.50	2.49	99.7	ug/mL	EPA 6010D
	Zinc	2.50	2.62	105	ug/mL	EPA 6010D
S4C2713-CCV5	Aluminum	10.0	9.55	95.5	ug/mL	EPA 6010D
	Antimony	0.250	0.228	91.3	ug/mL	EPA 6010D
	Arsenic	0.500	0.506	101	ug/mL	EPA 6010D
	Barium	10.0	10.4	104	ug/mL	EPA 6010D
	Beryllium	0.250	0.259	103	ug/mL	EPA 6010D
	Cadmium	0.250	0.261	104	ug/mL	EPA 6010D
	Calcium	25.0	25.3	101	ug/mL	EPA 6010D
	Chromium	1.00	1.01	101	ug/mL	EPA 6010D
	Cobalt	2.50	2.57	103	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.06	101	ug/mL	EPA 6010D
	Lead	0.500	0.521	104	ug/mL	EPA 6010D
	Magnesium	25.0	24.9	99.4	ug/mL	EPA 6010D
	Manganese	2.50	2.56	102	ug/mL	EPA 6010D
	Nickel	2.50	2.60	104	ug/mL	EPA 6010D
	Potassium	5.00	4.03	80.7 *	ug/mL	EPA 6010D
	Selenium	0.500	0.523	105	ug/mL	EPA 6010D
	Silver	1.25	1.27	101	ug/mL	EPA 6010D
	Sodium	25.0	23.8	95.2	ug/mL	EPA 6010D
	Thallium	0.500	0.532	106	ug/mL	EPA 6010D
	Vanadium	2.50	2.50	100	ug/mL	EPA 6010D
	Zinc	2.50	2.64	106	ug/mL	EPA 6010D

* Values outside of QC limits

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals, LLC
10-14 Tucker Drive
Poughkeepsie, NY 12603

SDG: 24C1134

12 Soils, 3 Ground Waters, 1 Rinseate, and 1 Field Blank

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

May 2024

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 24C1134 – Willow Brook Rentals, LLC

The data associated with this Sample Delivery Group (SDG) 24C1134, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 5/9/2024

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals, LLC 10-14 Tucker Drive Poughkeepsie, NY 12603 NYS DEC #: C314312
SAMPLING DATE:	March 18, 2024
SAMPLE TYPE:	12 soils, 3 waters, 1 rinseate, and 1 field blank
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	24C1134

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 17 samples collected on March 18, 2024. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, PFASs, Pesticides, PCBs, Metals, and Total Cyanide (TCN).

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 24C1134. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-12. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 24C1134, seventeen samples were analyzed and results were reported for 3761 analyses. Twenty-five results were rejected. Even though some results were flagged with a "J" as estimated, all other results (99.3 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Note 1) The method (preparation) blank results for all ICP Metals were not reported with method 6010C for all samples. Based on the raw data analysis, no data validation qualifiers were added. The laboratory should be advised to correct their ASP-B reports to conform to ASP-B protocol.

Table 6-1 VOCs - soil

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All soil samples	1,4-Dioxane	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect, they are rejected
All soil samples	Ethanol	UJ non-detects J detects	No LCS or ICV present	Data are estimated
Sed-4 Sed-5 Sed-6 Soil Boring 12B Soil Boring 13A Soil Boring 13B Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	Methylene chloride Bromoform	J detects UJ non-detects	ICAL Qual COD < 0.99 and/or RF <0.1	Data are estimated
Sed-4 Sed-5 Sed-6 Soil Boring 12B Soil Boring 13A Soil Boring 13B Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	2-Hexanone Bromomethane Iodomethane TAA TBA Tetrachloroethene Vinyl acetate	J detects UJ non-detects	ICV and/or CCV % D > QC limit and/or LCS rec < QC limit	Data are estimated
Sed-1 Sed-2 Sed-3	Tetrachloroethene	J detects UJ non-detects	ICV and/or CCV % D > QC limit and/or LCS rec < QC limit	Data are estimated

Table 6-2 VOCs - water

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All water samples	1,4-Dioxane	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect, they are rejected
All water samples	Tetrachloroethene	UJ non-detects J detects	LCS rec < QC limits and/or CCV % D > QC limits	Data are estimated
SWS-1 SWS-2 SWS-3	2-Hexanone Bromoform	J detects UJ non-detects	ICAL RF <0.05/0.1	Data are estimated
SWS-1 SWS-2 SWS-3	1,2,3-Trichlorobenzene 2-Butanone Acetone Acrolein Bromomethane Iodomethane Naphthalene TAA Vinyl acetate	J detects UJ non-detects	ICV and/or CCV % D > QC limit	Data are estimated
Rinseate	Freon 113 1,2,3-Trichlorobenzene Acetone Bromomethane Cyclohexane Dichlorodifluoromethane Iodomethane Methyl cyclohexane	J detects UJ non-detects	ICV % D and/or CCV % D > QC limit	Data are estimated

	Naphthalene Trichlorofluoromethane Vinyl acetate			

Table 6-3 SVOCs – Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
Sed-1 Sed-2 Sed-3	2,3,4,6-Tetrachlorophenol 2,4-Dinitrophenol 2,6-Dinitrotoluene 2-Nitroaniline 3-Nitroaniline 4,6-Dinitro-2-methylphenol 4-Nitroaniline Benzidine Benzoic acid Benzy butyl phthalate Bis-(2-ethylhexyl)phthalate Di-n-octylphthalate Hexachlorocyclopentadiene Pentachlorophenol	J detects UJ non-detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated
Sed-4 Sed-5 Sed-6 Soil Boring 12B Soil Boring 13A Soil Boring 13B	1,2-Diphenylhydrazine 2,3,4,6-Tetrachlorophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Nitroaniline 4,6-Dinitro-2-methylphenol	J detects UJ non-detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated

	4-Bromophenyl phenyl ether 4-Nitrophenol Benzoic acid Di-n-octylphthalate Hexachlorocyclopentadiene N-Nitrosodiphenylamine Pentachlorophenol			
Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	2,4-Dinitrophenol	R non-detects J detects	CCV % D > 90 %	Since the results are non-detect, they are rejected
Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	1,2-Diphenylhydrazine 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 4,6-Dinitro-2-methylphenol Benzo(g,h,i)perylene Benzoic acid Dibenzo(a,h)anthracene Hexachlorobenzene Hexachlorocyclopentadiene N-Nitrosodiphenylamine Pentachlorophenol	J detects UJ non-detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated
SWS-1 SWS-2 SWS-3	2,4-Dimethylphenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Nitroaniline 3,3'Dichlorobenzidine 3-Nitroaniline 4,6-Dinitro-2-methylphenol	J detects UJ non-detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated

	4-Nitroaniline Hexachlorocyclopentadiene Pyridine			

Table 6-4 SVOCs – SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SWS-1 SWS-2 SWS-3	N-Nitrosodimethylamine	R non-detects J detects	LCS rec = 0 %	Since the results are non-detect, they are rejected
SWS-1 SWS-2 SWS-3	Nitrobenzene	R non-detects J detects	CCV % D > 90 %	Since the results are non-detect, they are rejected
SWS-1 SWS-2 SWS-3	Antracene Benzo(k)fluoroanthene Bis(2-ethylhexyl)phthalate Chysene Fluoranthene Hexachlorobenzene Hexachlorobutadiene Hexachlroethane Naphthalene Pentachlorophenol Pyrene	J detects UJ non-detects	ICAL % RSD and/or ICV % D > QC limits.	Data are estimated

Table 6-5 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All soil and water samples	PFBA	J detects UJ non-detect	Sur rec < QC limit	Data are estimated
Sed-1 Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	PFPeA	J detects UJ non-detect	Sur rec < QC limit	Data are estimated
SWS-2	N-MeFOSA	J detects UJ non-detect	Sur rec < QC limit	Data are estimated
SWS-1 SWS-2 SWS-3 Field Blank	N-EtFOSA N-EtFOSE N-MeFOSE	J detects UJ non-detect	Sur rec < QC limit and/or CCV % D > QClimits	Data are estimated
All soil and water samples	8:2 FTS 4:2 FTS 6:2 FTS	J detects UJ non-detect	Qual COD < 0.995	Data are estimated
All water samples	6:2 FTS	CRQL-U	Detected in MB	Data changed to non-detect
Sed-1 Sed-2 Sed-3 Sed-4 Sed-5 Sed-6 Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	FHpPA FPrPA N-EtFOSE PFDS PFNS PFMPA PFDoS	J detects UJ non-detect	LCS rec < QC limit	Data are estimated

Sed-1 Sed-2 Sed-3 Sed-4 Sed-5 Sed-6 Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	11CL-PF3OUdS 9CL-PF3ONS ADONA HFPO-DA	J detects UJ non-detect	Analytes not added to LCS	Data are estimated
Sed-1 Sed-2 Sed-3 Sed-4 Sed-5 Sed-6 Soil Boring 14 Soil Boring 14 Dup Soil Boring 15	N-EtFOSA N-MeFOSA N-MeFOSE PFEESA PFHpS PFPeS PFMBA PFDoA PFHpA PFHxS PFHxA PFOS PFTA PFUnA N-EtFOSAA FOSA PFTrDA	J detects UJ non-detect	CCV % D > QC limit	Data are estimated
SWS-1 SWS-2 SWS-3 Field Blank	N-EtFOSAA PFEESA NFDHA PFHpS	J detects UJ non-detect	LCS rec < QC limit and/or CCV % D > QC limit	Data are estimated

	PFPeS PFMBA PFMPA PFDoA PFHpA PFHxS PFHxA PFOS PFTA PFNS FOSA PFBS PFTUnA			

Table 6-6 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-7 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-8 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-9 ICP/MS Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SWS-1 SWS-2 SWS-3	As	J- detects UJ non-detects	ICV % D rec < QC limit	Data may be biased low

Table 6-10 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SWS-1	Na	J- detects UJ non-detects	MS rec < QC limit	Data may be biased low
SWS-1	Al	J detects	Dup RPD > QC limit	Data are estimated
Sed-1 Sed-2 Sed-3 Sed-4 Sed-5 Sed-6 Soil Boring 15	Cd	J- detects UJ non-detects	SRM rec < QC limit	Data may be biased low

Soil Boring 14 Soil Boring 14 Dup	As, Be, Cd, Pb, Ag, and Zn	J- detects UJ non-detects	SRM rec < QC limit	Data may be biased low
Sed-1 Sed-2 Sed-3 Sed-4 Sed-5 Sed-6 Soil Boring 14 Soil Boring 14 Dup	K	J- detects UJ non-detects	ICV and CCV % D rec < QC limit	Data may be biased low

Table 6-11 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-12 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/30/2024
Client Project ID: Willow Brook Rentals LLC
York Project (SDG) No.: 24C1134

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Work Order Narrative

York Analytical Work Order No.: 24C1134

Client : DT Consulting Services

Client Project ID : Willow Brook Rentals LLC

Prepared for : Deborah Thompson

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 03/19/2024 11:39 AM

17 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{4.4}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
Sed-1	24C1134-01	Soil	03/18/2024 3:50 PM	03/19/2024 11:39 AM
Sed-2	24C1134-02	Soil	03/18/2024 3:15 PM	03/19/2024 11:39 AM
Sed-3	24C1134-03	Soil	03/18/2024 3:00 PM	03/19/2024 11:39 AM
Sed-4	24C1134-04	Soil	03/18/2024 4:00 PM	03/19/2024 11:39 AM
Sed-5	24C1134-05	Soil	03/18/2024 3:35 PM	03/19/2024 11:39 AM
Sed-6	24C1134-06	Soil	03/18/2024 1:05 PM	03/19/2024 11:39 AM
SWS-1	24C1134-07	Water	03/18/2024 1:00 PM	03/19/2024 11:39 AM
SWS-2	24C1134-08	Water	03/18/2024 11:00 AM	03/19/2024 11:39 AM
SWS-3	24C1134-09	Water	03/18/2024 10:30 AM	03/19/2024 11:39 AM
Field Blank	24C1134-10	Water	03/18/2024 3:00 PM	03/19/2024 11:39 AM
Soil Boring 12B	24C1134-11	Soil	03/18/2024 10:45 AM	03/19/2024 11:39 AM
Soil Boring 13A	24C1134-12	Soil	03/18/2024 9:36 AM	03/19/2024 11:39 AM
Soil Boring 13B	24C1134-13	Soil	03/18/2024 9:47 AM	03/19/2024 11:39 AM
Soil Boring 14	24C1134-14	Soil	03/18/2024 4:00 PM	03/19/2024 11:39 AM
Soil Boring 14 Dup	24C1134-15	Soil	03/18/2024 4:00 PM	03/19/2024 11:39 AM
Soil Boring 15	24C1134-16	Soil	03/18/2024 4:25 PM	03/19/2024 11:39 AM
Rinseate	24C1134-17	Water	03/18/2024 4:30 PM	03/19/2024 11:39 AM

WorkOrder Comments

2.0 Methodology

Analysis Class	Preparation Method	Analysis Methodology
VOA	EPA 5035A	EPA 8260C
VOA	EPA 5030B	EPA 8260D
SVOA	EPA 3510C	EPA 8270D
SVOA	EPA 3550C	EPA 8270D
SVOA	EPA 3510C	EPA 8270D SIM
SVOA	EPA 3550C	EPA 8270D SIM
SVOA	EPA 3535A	EPA 8270E SIM
PFAS	EPA 1633 Prep	EPA 1633 Draft 3
PEST	EPA 3550C	EPA 8081B
PEST	EPA SW846-3510C Low Level	EPA 8081B
ARO	EPA 3550C	EPA 8082A
ARO	EPA SW846-3510C Low Level	EPA 8082A
METALS	EPA 3015A	EPA 6010D
METALS	EPA 3050B	EPA 6010D
METALS	EPA 3015A	EPA 6020B
HG	EPA SW846-7470A	EPA 7470
HG	EPA 7473 soil	EPA 7473
WET	Analysis Preparation Soil	EPA 9014/9010C
WET	% Solids Prep	SM 2540G
WET	Analysis Preparation	SM 4500 CN C-2016 / E-20

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1134

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: Willow Brook Rentals LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day)
				PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

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

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Sed-1	S	3/18/24 350	VOCs, SVOCs, TAL Metals,	40ml	4
2		315	pesticides, PCBs, PFAS	4oz	1
3		300	cyanide & 1,4dioxane.	8oz	1
4		400		250ml	1
5		335			
6		305			
SWS-1	GW	100		40ml	3
-2		1100		1L	4
-3		1030		500ml/250ml	3/2
Field Blank			PFAS	500ml	2

Comments: BCP Site No. C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	3/19/24	Chris Cattani	3-19-24 11:10	Chris Cattani	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				R	3/19/24 14:30 4.4 °C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1134

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: Willow Brook Rentals, LLC	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) ✓
				PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Soil Boring 12B	S	3/18/24 1045	VOCs, SVOCs	40ml	4
13A		936		8oz	1
13B		947			
14		400	VOCs, SVOCs, TAL Metals,	40ml	4
14 Dup		400	Pesticides, PCB's, PFAs, cyanide, 1-4	8oz/250ml	1/1
15		425	dioxane	4oz	1
Rinseate	WW	430	VOCs	40ml	3

Comments: BCP Site No. C314132

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

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	3/19/24	Chris Catton	3-19-24 11:10	Chris Catton	3-19-24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/19/24 14:30 4.4° Degrees C

York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
CLASS: VOA
METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
Soil Boring 12B	24C1134-11
Soil Boring 13A	24C1134-12
Soil Boring 13B	24C1134-13
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: V2627672.D

Sampled: 03/18/24 15:50 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:36

Solids: 57.92 Preparation: EPA 5035A Initial/Final: 5.01 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0086	U
71-55-6	1,1,1-Trichloroethane	1	0.0086	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0086	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0086	U
79-00-5	1,1,2-Trichloroethane	1	0.0086	U
75-34-3	1,1-Dichloroethane	1	0.0086	U
75-35-4	1,1-Dichloroethylene	1	0.0086	U
563-58-6	1,1-Dichloropropylene	1	0.0086	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0086	U
96-18-4	1,2,3-Trichloropropane	1	0.0086	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0086	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0086	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0086	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0086	U
106-93-4	1,2-Dibromoethane	1	0.0086	U
95-50-1	1,2-Dichlorobenzene	1	0.0086	U
107-06-2	1,2-Dichloroethane	1	0.0086	U
78-87-5	1,2-Dichloropropane	1	0.0086	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0086	U
541-73-1	1,3-Dichlorobenzene	1	0.0086	U
142-28-9	1,3-Dichloropropane	1	0.0086	U
106-46-7	1,4-Dichlorobenzene	1	0.0086	U
123-91-1	1,4-Dioxane	1	~~0.17~~	U R
594-20-7	2,2-Dichloropropane	1	0.0086	U
78-93-3	2-Butanone	1	0.0079	J
110-75-8	2-Chloroethylvinyl ether	1	0.034	U
95-49-8	2-Chlorotoluene	1	0.0086	U
591-78-6	2-Hexanone	1	0.0086	U
106-43-4	4-Chlorotoluene	1	0.0086	U
108-10-1	4-Methyl-2-pentanone	1	0.0086	U
67-64-1	Acetone	1	0.019	
107-02-8	Acrolein	1	0.017	U
107-13-1	Acrylonitrile	1	0.0086	U
71-43-2	Benzene	1	0.0086	U
108-86-1	Bromobenzene	1	0.0086	U
74-97-5	Bromochloromethane	1	0.0086	U
75-27-4	Bromodichloromethane	1	0.0086	U
75-25-2	Bromoform	1	0.0086	U
74-83-9	Bromomethane	1	0.0086	U
75-15-0	Carbon disulfide	1	0.0086	U

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: V2627672.D

Sampled: 03/18/24 15:50 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:36

Solids: 57.92 Preparation: EPA 5035A Initial/Final: 5.01 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0086	U	
108-90-7	Chlorobenzene	1	0.0086	U	
75-00-3	Chloroethane	1	0.0086	U	
67-66-3	Chloroform	1	0.0086	U	
74-87-3	Chloromethane	1	0.0086	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0086	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0086	U	
110-82-7	Cyclohexane	1	0.0086	U	
124-48-1	Dibromochloromethane	1	0.0086	U	
74-95-3	Dibromomethane	1	0.0086	U	
75-71-8	Dichlorodifluoromethane	1	0.0086	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.014	U	
64-17-5	Ethanol	1	0.14	U	UJ
100-41-4	Ethyl Benzene	1	0.0086	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.014	U	
87-68-3	Hexachlorobutadiene	1	0.0086	U	
74-88-4	Iodomethane	1	0.0086	U	
98-82-8	Isopropylbenzene	1	0.0086	U	
79-20-9	Methyl acetate	1	0.0086	U	
80-62-6	Methyl Methacrylate	1	0.0086	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0086	U	
108-87-2	Methylcyclohexane	1	0.0086	U	
75-09-2	Methylene chloride	1	0.017	U	
91-20-3	Naphthalene	1	0.017	U	
104-51-8	n-Butylbenzene	1	0.0086	U	
103-65-1	n-Propylbenzene	1	0.0086	U	
95-47-6	o-Xylene	1	0.0086	U	
179601-23-1	p- & m- Xylenes	1	0.017	U	
105-05-5	p-Diethylbenzene	1	0.0086	U	
622-96-8	p-Ethyltoluene	1	0.0086	U	
99-87-6	p-Isopropyltoluene	1	0.0086	U	
135-98-8	sec-Butylbenzene	1	0.0086	U	
100-42-5	Styrene	1	0.0086	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.14	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.014	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0086	U	
98-06-6	tert-Butylbenzene	1	0.0086	U	
127-18-4	Tetrachloroethylene	1	0.0086	U	UJ
109-99-9	Tetrahydrofuran	1	0.017	U	
108-88-3	Toluene	1	0.0086	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: V2627672.D

Sampled: 03/18/24 15:50 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:36

Solids: 57.92 Preparation: EPA 5035A Initial/Final: 5.01 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
156-60-5	trans-1,2-Dichloroethylene	1	0.0086	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.0086	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.0086	U
79-01-6	Trichloroethylene	1	0.0086	U
75-69-4	Trichlorofluoromethane	1	0.0086	U
108-05-4	Vinyl acetate	1	0.0086	U
75-01-4	Vinyl Chloride	1	0.0086	U
1330-20-7	Xylenes, Total	1	0.026	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.4	101	77 - 125	
SURR: Toluene-d8	50.0	48.2	96.4	85 - 120	
SURR: p-Bromofluorobenzene	50.0	53.8	108	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	153142	5.915	146908	5.915	
ISTD: Chlorobenzene-d5	620206	8.97	600330	8.97	
ISTD: 1,2-Dichlorobenzene-d4	269109	11.981	271663	11.975	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID: V2627673.D

Sampled: 03/18/24 15:15 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:03

Solids: 39.65 Preparation: EPA 5035A Initial/Final: 3.09 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.020	U	
71-55-6	1,1,1-Trichloroethane	1	0.020	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.020	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.020	U	
79-00-5	1,1,2-Trichloroethane	1	0.020	U	
75-34-3	1,1-Dichloroethane	1	0.020	U	
75-35-4	1,1-Dichloroethylene	1	0.020	U	
563-58-6	1,1-Dichloropropylene	1	0.020	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.020	U	
96-18-4	1,2,3-Trichloropropane	1	0.020	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.020	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.020	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.020	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.020	U	
106-93-4	1,2-Dibromoethane	1	0.020	U	
95-50-1	1,2-Dichlorobenzene	1	0.020	U	
107-06-2	1,2-Dichloroethane	1	0.020	U	
78-87-5	1,2-Dichloropropane	1	0.020	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.020	U	
541-73-1	1,3-Dichlorobenzene	1	0.020	U	
142-28-9	1,3-Dichloropropane	1	0.020	U	
106-46-7	1,4-Dichlorobenzene	1	0.020	U	
123-91-1	1,4-Dioxane	1	~~0.41~~	U	R
594-20-7	2,2-Dichloropropane	1	0.020	U	
78-93-3	2-Butanone	1	0.080		
110-75-8	2-Chloroethylvinyl ether	1	0.082	U	
95-49-8	2-Chlorotoluene	1	0.020	U	
591-78-6	2-Hexanone	1	0.020	U	
106-43-4	4-Chlorotoluene	1	0.020	U	
108-10-1	4-Methyl-2-pentanone	1	0.020	U	
67-64-1	Acetone	1	0.19		
107-02-8	Acrolein	1	0.041	U	
107-13-1	Acrylonitrile	1	0.020	U	
71-43-2	Benzene	1	0.020	U	
108-86-1	Bromobenzene	1	0.020	U	
74-97-5	Bromochloromethane	1	0.020	U	
75-27-4	Bromodichloromethane	1	0.020	U	
75-25-2	Bromoform	1	0.020	U	
74-83-9	Bromomethane	1	0.020	U	
75-15-0	Carbon disulfide	1	0.020	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID: V2627673.D

Sampled: 03/18/24 15:15 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:03

Solids: 39.65 Preparation: EPA 5035A Initial/Final: 3.09 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.020	U	
108-90-7	Chlorobenzene	1	0.020	U	
75-00-3	Chloroethane	1	0.020	U	
67-66-3	Chloroform	1	0.020	U	
74-87-3	Chloromethane	1	0.020	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.020	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.020	U	
110-82-7	Cyclohexane	1	0.020	U	
124-48-1	Dibromochloromethane	1	0.020	U	
74-95-3	Dibromomethane	1	0.020	U	
75-71-8	Dichlorodifluoromethane	1	0.020	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.033	U	
64-17-5	Ethanol	1	0.33	U	UJ
100-41-4	Ethyl Benzene	1	0.020	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.033	U	
87-68-3	Hexachlorobutadiene	1	0.020	U	
74-88-4	Iodomethane	1	0.020	U	
98-82-8	Isopropylbenzene	1	0.020	U	
79-20-9	Methyl acetate	1	0.020	U	
80-62-6	Methyl Methacrylate	1	0.020	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.020	U	
108-87-2	Methylcyclohexane	1	0.020	U	
75-09-2	Methylene chloride	1	0.041	U	
91-20-3	Naphthalene	1	0.041	U	
104-51-8	n-Butylbenzene	1	0.020	U	
103-65-1	n-Propylbenzene	1	0.020	U	
95-47-6	o-Xylene	1	0.020	U	
179601-23-1	p- & m- Xylenes	1	0.041	U	
105-05-5	p-Diethylbenzene	1	0.020	U	
622-96-8	p-Ethyltoluene	1	0.020	U	
99-87-6	p-Isopropyltoluene	1	0.020	U	
135-98-8	sec-Butylbenzene	1	0.020	U	
100-42-5	Styrene	1	0.020	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.33	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.033	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.020	U	
98-06-6	tert-Butylbenzene	1	0.020	U	
127-18-4	Tetrachloroethylene	1	0.020	U	UJ
109-99-9	Tetrahydrofuran	1	0.041	U	
108-88-3	Toluene	1	0.020	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID: V2627673.D

Sampled: 03/18/24 15:15 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:03

Solids: 39.65 Preparation: EPA 5035A Initial/Final: 3.09 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
156-60-5	trans-1,2-Dichloroethylene	1	0.020	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.020	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.020	U
79-01-6	Trichloroethylene	1	0.020	U
75-69-4	Trichlorofluoromethane	1	0.020	U
108-05-4	Vinyl acetate	1	0.020	U
75-01-4	Vinyl Chloride	1	0.020	U
1330-20-7	Xylenes, Total	1	0.061	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	49.0	98.1	77 - 125	
SURR: Toluene-d8	50.0	48.3	96.5	85 - 120	
SURR: p-Bromofluorobenzene	50.0	54.5	109	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	147525	5.916	146908	5.915	
ISTD: Chlorobenzene-d5	590300	8.97	600330	8.97	
ISTD: 1,2-Dichlorobenzene-d4	247650	11.982	271663	11.975	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID: V2627674.D

Sampled: 03/18/24 15:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:31

Solids: 47.60 Preparation: EPA 5035A Initial/Final: 4.68 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.011	U
71-55-6	1,1,1-Trichloroethane	1	0.011	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.011	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.011	U
79-00-5	1,1,2-Trichloroethane	1	0.011	U
75-34-3	1,1-Dichloroethane	1	0.011	U
75-35-4	1,1-Dichloroethylene	1	0.011	U
563-58-6	1,1-Dichloropropylene	1	0.011	U
87-61-6	1,2,3-Trichlorobenzene	1	0.011	U
96-18-4	1,2,3-Trichloropropane	1	0.011	U
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.011	U
120-82-1	1,2,4-Trichlorobenzene	1	0.011	U
95-63-6	1,2,4-Trimethylbenzene	1	0.011	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.011	U
106-93-4	1,2-Dibromoethane	1	0.011	U
95-50-1	1,2-Dichlorobenzene	1	0.011	U
107-06-2	1,2-Dichloroethane	1	0.011	U
78-87-5	1,2-Dichloropropane	1	0.011	U
108-67-8	1,3,5-Trimethylbenzene	1	0.011	U
541-73-1	1,3-Dichlorobenzene	1	0.011	U
142-28-9	1,3-Dichloropropane	1	0.011	U
106-46-7	1,4-Dichlorobenzene	1	0.011	U
123-91-1	1,4-Dioxane	1	~~0.22~~	U R
594-20-7	2,2-Dichloropropane	1	0.011	U
78-93-3	2-Butanone	1	0.085	
110-75-8	2-Chloroethylvinyl ether	1	0.045	U
95-49-8	2-Chlorotoluene	1	0.011	U
591-78-6	2-Hexanone	1	0.011	U
106-43-4	4-Chlorotoluene	1	0.011	U
108-10-1	4-Methyl-2-pentanone	1	0.011	U
67-64-1	Acetone	1	0.23	
107-02-8	Acrolein	1	0.022	U
107-13-1	Acrylonitrile	1	0.011	U
71-43-2	Benzene	1	0.011	U
108-86-1	Bromobenzene	1	0.011	U
74-97-5	Bromochloromethane	1	0.011	U
75-27-4	Bromodichloromethane	1	0.011	U
75-25-2	Bromoform	1	0.011	U
74-83-9	Bromomethane	1	0.011	U
75-15-0	Carbon disulfide	1	0.011	U

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID: V2627674.D

Sampled: 03/18/24 15:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 18:31

Solids: 47.60 Preparation: EPA 5035A Initial/Final: 4.68 g / 5 ml

Batch: BC41615 Sequence: S4C2518 Calibration: SC40034 Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.011	U	
108-90-7	Chlorobenzene	1	0.011	U	
75-00-3	Chloroethane	1	0.011	U	
67-66-3	Chloroform	1	0.011	U	
74-87-3	Chloromethane	1	0.011	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.011	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.011	U	
110-82-7	Cyclohexane	1	0.011	U	
124-48-1	Dibromochloromethane	1	0.011	U	
74-95-3	Dibromomethane	1	0.011	U	
75-71-8	Dichlorodifluoromethane	1	0.011	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.018	U	
64-17-5	Ethanol	1	0.18	U	UJ
100-41-4	Ethyl Benzene	1	0.011	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.018	U	
87-68-3	Hexachlorobutadiene	1	0.011	U	
74-88-4	Iodomethane	1	0.011	U	
98-82-8	Isopropylbenzene	1	0.011	U	
79-20-9	Methyl acetate	1	0.011	U	
80-62-6	Methyl Methacrylate	1	0.011	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.011	U	
108-87-2	Methylcyclohexane	1	0.011	U	
75-09-2	Methylene chloride	1	0.022	U	
91-20-3	Naphthalene	1	0.022	U	
104-51-8	n-Butylbenzene	1	0.011	U	
103-65-1	n-Propylbenzene	1	0.011	U	
95-47-6	o-Xylene	1	0.011	U	
179601-23-1	p- & m- Xylenes	1	0.022	U	
105-05-5	p-Diethylbenzene	1	0.011	U	
622-96-8	p-Ethyltoluene	1	0.011	U	
99-87-6	p-Isopropyltoluene	1	0.011	U	
135-98-8	sec-Butylbenzene	1	0.011	U	
100-42-5	Styrene	1	0.011	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.18	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.018	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.011	U	
98-06-6	tert-Butylbenzene	1	0.011	U	
127-18-4	Tetrachloroethylene	1	0.011	U	UJ
109-99-9	Tetrahydrofuran	1	0.022	U	
108-88-3	Toluene	1	0.011	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-03 | File ID: V2627674.D

Sampled: 03/18/24 15:00 | Prepared: 03/22/24 07:30 | Analyzed: 03/22/24 18:31

Solids: 47.60 | Preparation: EPA 5035A | Initial/Final: 4.68 g / 5 ml

Batch: BC41615 | Sequence: S4C2518 | Calibration: SC40034 | Instrument: MS VOA 2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
156-60-5	trans-1,2-Dichloroethylene	1	0.011	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.011	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.011	U
79-01-6	Trichloroethylene	1	0.011	U
75-69-4	Trichlorofluoromethane	1	0.011	U
108-05-4	Vinyl acetate	1	0.011	U
75-01-4	Vinyl Chloride	1	0.011	U
1330-20-7	Xylenes, Total	1	0.034	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	50.3	101	77 - 125	
SURR: Toluene-d8	50.0	48.6	97.2	85 - 120	
SURR: p-Bromofluorobenzene	50.0	54.7	109	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	141539	5.915	146908	5.915	
ISTD: Chlorobenzene-d5	574759	8.97	600330	8.97	
ISTD: 1,2-Dichlorobenzene-d4	244955	11.981	271663	11.975	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID: V3181471.D

Sampled: 03/18/24 16:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 14:10

Solids: 34.18 Preparation: EPA 5035A Initial/Final: 6.58 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.011	U	
71-55-6	1,1,1-Trichloroethane	1	0.011	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.011	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.011	U	
79-00-5	1,1,2-Trichloroethane	1	0.011	U	
75-34-3	1,1-Dichloroethane	1	0.011	U	
75-35-4	1,1-Dichloroethylene	1	0.011	U	
563-58-6	1,1-Dichloropropylene	1	0.011	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.011	U	
96-18-4	1,2,3-Trichloropropane	1	0.011	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.011	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.011	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.011	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.011	U	
106-93-4	1,2-Dibromoethane	1	0.011	U	
95-50-1	1,2-Dichlorobenzene	1	0.011	U	
107-06-2	1,2-Dichloroethane	1	0.011	U	
78-87-5	1,2-Dichloropropane	1	0.011	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.011	U	
541-73-1	1,3-Dichlorobenzene	1	0.011	U	
142-28-9	1,3-Dichloropropane	1	0.011	U	
106-46-7	1,4-Dichlorobenzene	1	0.011	U	
123-91-1	1,4-Dioxane	1	~~0.22~~	U	R
594-20-7	2,2-Dichloropropane	1	0.011	U	
78-93-3	2-Butanone	1	0.011	U	
110-75-8	2-Chloroethylvinyl ether	1	0.044	U	
95-49-8	2-Chlorotoluene	1	0.011	U	
591-78-6	2-Hexanone	1	0.011	U	UJ
106-43-4	4-Chlorotoluene	1	0.011	U	
108-10-1	4-Methyl-2-pentanone	1	0.011	U	
67-64-1	Acetone	1	0.013	J	
107-02-8	Acrolein	1	0.022	U	
107-13-1	Acrylonitrile	1	0.011	U	
71-43-2	Benzene	1	0.011	U	
108-86-1	Bromobenzene	1	0.011	U	
74-97-5	Bromochloromethane	1	0.011	U	
75-27-4	Bromodichloromethane	1	0.011	U	
75-25-2	Bromoform	1	0.011	U	UJ
74-83-9	Bromomethane	1	0.011	U	UJ
75-15-0	Carbon disulfide	1	0.011	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID: V3181471.D

Sampled: 03/18/24 16:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 14:10

Solids: 34.18 Preparation: EPA 5035A Initial/Final: 6.58 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.011	U	
108-90-7	Chlorobenzene	1	0.011	U	
75-00-3	Chloroethane	1	0.011	U	
67-66-3	Chloroform	1	0.011	U	
74-87-3	Chloromethane	1	0.011	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.011	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.011	U	
110-82-7	Cyclohexane	1	0.011	U	
124-48-1	Dibromochloromethane	1	0.011	U	
74-95-3	Dibromomethane	1	0.011	U	
75-71-8	Dichlorodifluoromethane	1	0.011	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.018	U	
64-17-5	Ethanol	1	0.18	U	UJ
100-41-4	Ethyl Benzene	1	0.011	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.018	U	
87-68-3	Hexachlorobutadiene	1	0.011	U	
74-88-4	Iodomethane	1	0.011	U	UJ
98-82-8	Isopropylbenzene	1	0.011	U	
79-20-9	Methyl acetate	1	0.011	U	
80-62-6	Methyl Methacrylate	1	0.011	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.011	U	
108-87-2	Methylcyclohexane	1	0.011	U	
75-09-2	Methylene chloride	1	0.022	U	UJ
91-20-3	Naphthalene	1	0.022	U	
104-51-8	n-Butylbenzene	1	0.011	U	
103-65-1	n-Propylbenzene	1	0.011	U	
95-47-6	o-Xylene	1	0.011	U	
179601-23-1	p- & m- Xylenes	1	0.022	U	
105-05-5	p-Diethylbenzene	1	0.011	U	
622-96-8	p-Ethyltoluene	1	0.011	U	
99-87-6	p-Isopropyltoluene	1	0.011	U	
135-98-8	sec-Butylbenzene	1	0.011	U	
100-42-5	Styrene	1	0.011	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.18	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.018	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.011	U	UJ
98-06-6	tert-Butylbenzene	1	0.011	U	
127-18-4	Tetrachloroethylene	1	0.011	U	UJ
109-99-9	Tetrahydrofuran	1	0.022	U	
108-88-3	Toluene	1	0.011	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-04 | File ID: V3181471.D

Sampled: 03/18/24 16:00 | Prepared: 03/22/24 07:30 | Analyzed: 03/22/24 14:10

Solids: 34.18 | Preparation: EPA 5035A | Initial/Final: 6.58 g / 5 ml

Batch: BC41616 | Sequence: S4C2506 | Calibration: SC40032 | Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.011	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.011	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.011	U	
79-01-6	Trichloroethylene	1	0.011	U	
75-69-4	Trichlorofluoromethane	1	0.011	U	
108-05-4	Vinyl acetate	1	0.011	U	UJ
75-01-4	Vinyl Chloride	1	0.011	U	
1330-20-7	Xylenes, Total	1	0.033	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	58.3	117	77 - 125	
SURR: Toluene-d8	50.0	49.8	99.5	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.2	104	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	98845	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	328935	8.846	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	118649	11.833	137956	11.83	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: V3181472.D

Sampled: 03/18/24 15:35 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 14:36

Solids: 68.95 Preparation: EPA 5035A Initial/Final: 5.43 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0067	U	
71-55-6	1,1,1-Trichloroethane	1	0.0067	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0067	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0067	U	
79-00-5	1,1,2-Trichloroethane	1	0.0067	U	
75-34-3	1,1-Dichloroethane	1	0.0067	U	
75-35-4	1,1-Dichloroethylene	1	0.0067	U	
563-58-6	1,1-Dichloropropylene	1	0.0067	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0067	U	
96-18-4	1,2,3-Trichloropropane	1	0.0067	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0067	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0067	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0067	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0067	U	
106-93-4	1,2-Dibromoethane	1	0.0067	U	
95-50-1	1,2-Dichlorobenzene	1	0.0067	U	
107-06-2	1,2-Dichloroethane	1	0.0067	U	
78-87-5	1,2-Dichloropropane	1	0.0067	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0067	U	
541-73-1	1,3-Dichlorobenzene	1	0.0067	U	
142-28-9	1,3-Dichloropropane	1	0.0067	U	
106-46-7	1,4-Dichlorobenzene	1	0.0051	J	
123-91-1	1,4-Dioxane	1	0.13	U	R
594-20-7	2,2-Dichloropropane	1	0.0067	U	
78-93-3	2-Butanone	1	0.054		
110-75-8	2-Chloroethylvinyl ether	1	0.027	U	
95-49-8	2-Chlorotoluene	1	0.0067	U	
591-78-6	2-Hexanone	1	0.0067	U	UJ
106-43-4	4-Chlorotoluene	1	0.0067	U	
108-10-1	4-Methyl-2-pentanone	1	0.0067	U	
67-64-1	Acetone	1	0.10		
107-02-8	Acrolein	1	0.013	U	
107-13-1	Acrylonitrile	1	0.0067	U	
71-43-2	Benzene	1	0.0067	U	
108-86-1	Bromobenzene	1	0.0067	U	
74-97-5	Bromochloromethane	1	0.0067	U	
75-27-4	Bromodichloromethane	1	0.0067	U	
75-25-2	Bromoform	1	0.0067	U	UJ
74-83-9	Bromomethane	1	0.0067	U	UJ
75-15-0	Carbon disulfide	1	0.0067	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: V3181472.D

Sampled: 03/18/24 15:35 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 14:36

Solids: 68.95 Preparation: EPA 5035A Initial/Final: 5.43 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0067	U	
108-90-7	Chlorobenzene	1	0.073		
75-00-3	Chloroethane	1	0.0067	U	
67-66-3	Chloroform	1	0.0067	U	
74-87-3	Chloromethane	1	0.0067	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0067	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0067	U	
110-82-7	Cyclohexane	1	0.0067	U	
124-48-1	Dibromochloromethane	1	0.0067	U	
74-95-3	Dibromomethane	1	0.0067	U	
75-71-8	Dichlorodifluoromethane	1	0.0067	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.011	U	
64-17-5	Ethanol	1	0.11	U	UJ
100-41-4	Ethyl Benzene	1	0.0067	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.011	U	
87-68-3	Hexachlorobutadiene	1	0.0067	U	
74-88-4	Iodomethane	1	0.0067	U	UJ
98-82-8	Isopropylbenzene	1	0.0067	U	
79-20-9	Methyl acetate	1	0.0067	U	
80-62-6	Methyl Methacrylate	1	0.0067	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0067	U	
108-87-2	Methylcyclohexane	1	0.0067	U	
75-09-2	Methylene chloride	1	0.013	U	UJ
91-20-3	Naphthalene	1	0.013	U	
104-51-8	n-Butylbenzene	1	0.0067	U	
103-65-1	n-Propylbenzene	1	0.0067	U	
95-47-6	o-Xylene	1	0.0067	U	
179601-23-1	p- & m- Xylenes	1	0.013	U	
105-05-5	p-Diethylbenzene	1	0.0067	U	
622-96-8	p-Ethyltoluene	1	0.0067	U	
99-87-6	p-Isopropyltoluene	1	0.0067	U	
135-98-8	sec-Butylbenzene	1	0.0067	U	
100-42-5	Styrene	1	0.0067	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.11	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.011	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0067	U	UJ
98-06-6	tert-Butylbenzene	1	0.0067	U	
127-18-4	Tetrachloroethylene	1	0.0067	U	UJ
109-99-9	Tetrahydrofuran	1	0.013	U	
108-88-3	Toluene	1	0.0067	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: V3181472.D

Sampled: 03/18/24 15:35 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 14:36

Solids: 68.95 Preparation: EPA 5035A Initial/Final: 5.43 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0067	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0067	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0067	U	
79-01-6	Trichloroethylene	1	0.0067	U	
75-69-4	Trichlorofluoromethane	1	0.0067	U	
108-05-4	Vinyl acetate	1	0.0067	U	UJ
75-01-4	Vinyl Chloride	1	0.0067	U	
1330-20-7	Xylenes, Total	1	0.020	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	56.1	112	77 - 125	
SURR: Toluene-d8	50.0	52.5	105	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.6	105	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	89738	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	278594	8.846	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	103814	11.83	137956	11.83	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: V3181473.D

Sampled: 03/18/24 13:05 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:02

Solids: 68.83 Preparation: EPA 5035A Initial/Final: 6.84 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0053	U	
71-55-6	1,1,1-Trichloroethane	1	0.0053	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0053	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0053	U	
79-00-5	1,1,2-Trichloroethane	1	0.0053	U	
75-34-3	1,1-Dichloroethane	1	0.0053	U	
75-35-4	1,1-Dichloroethylene	1	0.0053	U	
563-58-6	1,1-Dichloropropylene	1	0.0053	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0053	U	
96-18-4	1,2,3-Trichloropropane	1	0.0053	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0053	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0053	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0053	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0053	U	
106-93-4	1,2-Dibromoethane	1	0.0053	U	
95-50-1	1,2-Dichlorobenzene	1	0.0053	U	
107-06-2	1,2-Dichloroethane	1	0.0053	U	
78-87-5	1,2-Dichloropropane	1	0.0053	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0053	U	
541-73-1	1,3-Dichlorobenzene	1	0.0053	U	
142-28-9	1,3-Dichloropropane	1	0.0053	U	
106-46-7	1,4-Dichlorobenzene	1	0.0053	U	
123-91-1	1,4-Dioxane	1	0.11	U	R
594-20-7	2,2-Dichloropropane	1	0.0053	U	
78-93-3	2-Butanone	1	0.0060		
110-75-8	2-Chloroethylvinyl ether	1	0.021	U	
95-49-8	2-Chlorotoluene	1	0.0053	U	
591-78-6	2-Hexanone	1	0.0053	U	UJ
106-43-4	4-Chlorotoluene	1	0.0053	U	
108-10-1	4-Methyl-2-pentanone	1	0.0053	U	
67-64-1	Acetone	1	0.011	U	
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0053	U	
71-43-2	Benzene	1	0.0053	U	
108-86-1	Bromobenzene	1	0.0053	U	
74-97-5	Bromochloromethane	1	0.0053	U	
75-27-4	Bromodichloromethane	1	0.0053	U	
75-25-2	Bromoform	1	0.0053	U	UJ
74-83-9	Bromomethane	1	0.0053	U	UJ
75-15-0	Carbon disulfide	1	0.0053	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: V3181473.D

Sampled: 03/18/24 13:05 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:02

Solids: 68.83 Preparation: EPA 5035A Initial/Final: 6.84 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0053	U	
108-90-7	Chlorobenzene	1	0.0053	U	
75-00-3	Chloroethane	1	0.0053	U	
67-66-3	Chloroform	1	0.0053	U	
74-87-3	Chloromethane	1	0.0053	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0053	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0053	U	
110-82-7	Cyclohexane	1	0.0053	U	
124-48-1	Dibromochloromethane	1	0.0053	U	
74-95-3	Dibromomethane	1	0.0053	U	
75-71-8	Dichlorodifluoromethane	1	0.0053	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0085	U	
64-17-5	Ethanol	1	1.1		J
100-41-4	Ethyl Benzene	1	0.0053	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0085	U	
87-68-3	Hexachlorobutadiene	1	0.0053	U	
74-88-4	Iodomethane	1	0.0053	U	UJ
98-82-8	Isopropylbenzene	1	0.0053	U	
79-20-9	Methyl acetate	1	0.0035	J	
80-62-6	Methyl Methacrylate	1	0.0053	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0053	U	
108-87-2	Methylcyclohexane	1	0.0053	U	
75-09-2	Methylene chloride	1	0.011	U	UJ
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0053	U	
103-65-1	n-Propylbenzene	1	0.0053	U	
95-47-6	o-Xylene	1	0.0053	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0053	U	
622-96-8	p-Ethyltoluene	1	0.0053	U	
99-87-6	p-Isopropyltoluene	1	0.0053	U	
135-98-8	sec-Butylbenzene	1	0.0053	U	
100-42-5	Styrene	1	0.0053	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.085	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0085	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0053	U	UJ
98-06-6	tert-Butylbenzene	1	0.0053	U	
127-18-4	Tetrachloroethylene	1	0.0053	U	UJ
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0053	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Sed-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-06	File ID:	V3181473.D
Sampled:	03/18/24 13:05	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 15:02
Solids:	68.83	Preparation:	EPA 5035A	Initial/Final:	6.84 g / 5 ml
Batch:	BC41616	Sequence:	S4C2506	Calibration:	SC40032
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0053	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0053	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0053	U	
79-01-6	Trichloroethylene	1	0.0053	U	
75-69-4	Trichlorofluoromethane	1	0.0053	U	
108-05-4	Vinyl acetate	1	0.0053	U	UJ
75-01-4	Vinyl Chloride	1	0.0053	U	
1330-20-7	Xylenes, Total	1	0.016	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	60.5	121	77 - 125	
SURR: Toluene-d8	50.0	50.1	100	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.0	104	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	95439	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	316118	8.842	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	115016	11.833	137956	11.83	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 12B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-11 File ID: V3181474.D

Sampled: 03/18/24 10:45 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:29

Solids: 78.26 Preparation: EPA 5035A Initial/Final: 5.8 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0055	U	
71-55-6	1,1,1-Trichloroethane	1	0.0055	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0055	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0055	U	
79-00-5	1,1,2-Trichloroethane	1	0.0055	U	
75-34-3	1,1-Dichloroethane	1	0.0055	U	
75-35-4	1,1-Dichloroethylene	1	0.0055	U	
563-58-6	1,1-Dichloropropylene	1	0.0055	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0055	U	
96-18-4	1,2,3-Trichloropropane	1	0.0055	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0035	J	
120-82-1	1,2,4-Trichlorobenzene	1	0.0055	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0055	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0055	U	
106-93-4	1,2-Dibromoethane	1	0.0055	U	
95-50-1	1,2-Dichlorobenzene	1	0.0055	U	
107-06-2	1,2-Dichloroethane	1	0.0055	U	
78-87-5	1,2-Dichloropropane	1	0.0055	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0055	U	
541-73-1	1,3-Dichlorobenzene	1	0.0055	U	
142-28-9	1,3-Dichloropropane	1	0.0055	U	
106-46-7	1,4-Dichlorobenzene	1	0.0055	U	
123-91-1	1,4-Dioxane	1	~~0.11~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0055	U	
78-93-3	2-Butanone	1	0.0055	U	
110-75-8	2-Chloroethylvinyl ether	1	0.022	U	
95-49-8	2-Chlorotoluene	1	0.0055	U	
591-78-6	2-Hexanone	1	0.0055	U	UJ
106-43-4	4-Chlorotoluene	1	0.0055	U	
108-10-1	4-Methyl-2-pentanone	1	0.0055	U	
67-64-1	Acetone	1	0.0056	J	
107-02-8	Acrolein	1	0.011	U	
107-13-1	Acrylonitrile	1	0.0055	U	
71-43-2	Benzene	1	0.0055	U	
108-86-1	Bromobenzene	1	0.0055	U	
74-97-5	Bromochloromethane	1	0.0055	U	
75-27-4	Bromodichloromethane	1	0.0055	U	
75-25-2	Bromoform	1	0.0055	U	UJ
74-83-9	Bromomethane	1	0.0055	U	UJ
75-15-0	Carbon disulfide	1	0.0055	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 12B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-11 File ID: V3181474.D

Sampled: 03/18/24 10:45 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:29

Solids: 78.26 Preparation: EPA 5035A Initial/Final: 5.8 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0055	U	
108-90-7	Chlorobenzene	1	0.013		
75-00-3	Chloroethane	1	0.0055	U	
67-66-3	Chloroform	1	0.0055	U	
74-87-3	Chloromethane	1	0.0055	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0055	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0055	U	
110-82-7	Cyclohexane	1	0.0055	U	
124-48-1	Dibromochloromethane	1	0.0055	U	
74-95-3	Dibromomethane	1	0.0055	U	
75-71-8	Dichlorodifluoromethane	1	0.0055	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0088	U	
64-17-5	Ethanol	1	0.088	U	UJ
100-41-4	Ethyl Benzene	1	0.0055	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0088	U	
87-68-3	Hexachlorobutadiene	1	0.0055	U	
74-88-4	Iodomethane	1	0.0055	U	UJ
98-82-8	Isopropylbenzene	1	0.0055	U	
79-20-9	Methyl acetate	1	0.0055	U	
80-62-6	Methyl Methacrylate	1	0.0055	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0055	U	
108-87-2	Methylcyclohexane	1	0.0055	U	
75-09-2	Methylene chloride	1	0.011	U	UJ
91-20-3	Naphthalene	1	0.011	U	
104-51-8	n-Butylbenzene	1	0.0055	U	
103-65-1	n-Propylbenzene	1	0.0055	U	
95-47-6	o-Xylene	1	0.0055	U	
179601-23-1	p- & m- Xylenes	1	0.011	U	
105-05-5	p-Diethylbenzene	1	0.0055	U	
622-96-8	p-Ethyltoluene	1	0.0055	U	
99-87-6	p-Isopropyltoluene	1	0.0055	U	
135-98-8	sec-Butylbenzene	1	0.0055	U	
100-42-5	Styrene	1	0.0055	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.088	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0088	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0055	U	UJ
98-06-6	tert-Butylbenzene	1	0.0055	U	
127-18-4	Tetrachloroethylene	1	0.0055	U	UJ
109-99-9	Tetrahydrofuran	1	0.011	U	
108-88-3	Toluene	1	0.0055	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 12B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-11 | File ID: V3181474.D

Sampled: 03/18/24 10:45 | Prepared: 03/22/24 07:30 | Analyzed: 03/22/24 15:29

Solids: 78.26 | Preparation: EPA 5035A | Initial/Final: 5.8 g / 5 ml

Batch: BC41616 | Sequence: S4C2506 | Calibration: SC40032 | Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0055	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0055	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0055	U	
79-01-6	Trichloroethylene	1	0.0055	U	
75-69-4	Trichlorofluoromethane	1	0.0055	U	
108-05-4	Vinyl acetate	1	0.0055	U	UJ
75-01-4	Vinyl Chloride	1	0.0055	U	
1330-20-7	Xylenes, Total	1	0.017	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	61.2	122	77 - 125	
SURR: Toluene-d8	50.0	48.9	97.7	85 - 120	
SURR: p-Bromofluorobenzene	50.0	50.4	101	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	94793	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	325199	8.842	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	135600	11.83	137956	11.83	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 13A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-12 File ID: V3181475.D

Sampled: 03/18/24 09:36 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:55

Solids: 88.33 Preparation: EPA 5035A Initial/Final: 6.03 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0047	U	
71-55-6	1,1,1-Trichloroethane	1	0.0047	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0047	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0047	U	
79-00-5	1,1,2-Trichloroethane	1	0.0047	U	
75-34-3	1,1-Dichloroethane	1	0.0047	U	
75-35-4	1,1-Dichloroethylene	1	0.0047	U	
563-58-6	1,1-Dichloropropylene	1	0.0047	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0047	U	
96-18-4	1,2,3-Trichloropropane	1	0.0047	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0047	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0047	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0047	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0047	U	
106-93-4	1,2-Dibromoethane	1	0.0047	U	
95-50-1	1,2-Dichlorobenzene	1	0.0047	U	
107-06-2	1,2-Dichloroethane	1	0.0047	U	
78-87-5	1,2-Dichloropropane	1	0.0047	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0047	U	
541-73-1	1,3-Dichlorobenzene	1	0.0047	U	
142-28-9	1,3-Dichloropropane	1	0.0047	U	
106-46-7	1,4-Dichlorobenzene	1	0.0047	U	
123-91-1	1,4-Dioxane	1	~~0.094~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0047	U	
78-93-3	2-Butanone	1	0.028		
110-75-8	2-Chloroethylvinyl ether	1	0.019	U	
95-49-8	2-Chlorotoluene	1	0.0047	U	
591-78-6	2-Hexanone	1	0.0047	U	UJ
106-43-4	4-Chlorotoluene	1	0.0047	U	
108-10-1	4-Methyl-2-pentanone	1	0.0047	U	
67-64-1	Acetone	1	0.094		
107-02-8	Acrolein	1	0.0094	U	
107-13-1	Acrylonitrile	1	0.0047	U	
71-43-2	Benzene	1	0.0047	U	
108-86-1	Bromobenzene	1	0.0047	U	
74-97-5	Bromochloromethane	1	0.0047	U	
75-27-4	Bromodichloromethane	1	0.0047	U	
75-25-2	Bromoform	1	0.0047	U	UJ
74-83-9	Bromomethane	1	0.0047	U	UJ
75-15-0	Carbon disulfide	1	0.0047	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 13A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-12 File ID: V3181475.D

Sampled: 03/18/24 09:36 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 15:55

Solids: 88.33 Preparation: EPA 5035A Initial/Final: 6.03 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0047	U	
108-90-7	Chlorobenzene	1	0.0031	J	
75-00-3	Chloroethane	1	0.0047	U	
67-66-3	Chloroform	1	0.0047	U	
74-87-3	Chloromethane	1	0.0047	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0047	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0047	U	
110-82-7	Cyclohexane	1	0.0029	J	
124-48-1	Dibromochloromethane	1	0.0047	U	
74-95-3	Dibromomethane	1	0.0047	U	
75-71-8	Dichlorodifluoromethane	1	0.0047	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.0075	U	
64-17-5	Ethanol	1	0.075	U	UJ
100-41-4	Ethyl Benzene	1	0.0047	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.0075	U	
87-68-3	Hexachlorobutadiene	1	0.0047	U	
74-88-4	Iodomethane	1	0.0047	U	UJ
98-82-8	Isopropylbenzene	1	0.0047	U	
79-20-9	Methyl acetate	1	0.0047	U	
80-62-6	Methyl Methacrylate	1	0.0047	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0047	U	
108-87-2	Methylcyclohexane	1	0.0047	U	
75-09-2	Methylene chloride	1	0.0094	U	UJ
91-20-3	Naphthalene	1	0.0094	U	
104-51-8	n-Butylbenzene	1	0.0047	U	
103-65-1	n-Propylbenzene	1	0.0047	U	
95-47-6	o-Xylene	1	0.0047	U	
179601-23-1	p- & m- Xylenes	1	0.0094	U	
105-05-5	p-Diethylbenzene	1	0.0047	U	
622-96-8	p-Ethyltoluene	1	0.0047	U	
99-87-6	p-Isopropyltoluene	1	0.0047	U	
135-98-8	sec-Butylbenzene	1	0.0047	U	
100-42-5	Styrene	1	0.0047	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.075	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.0075	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0047	U	UJ
98-06-6	tert-Butylbenzene	1	0.0047	U	
127-18-4	Tetrachloroethylene	1	0.0047	U	UJ
109-99-9	Tetrahydrofuran	1	0.0094	U	
108-88-3	Toluene	1	0.0047	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 13A

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-12 | File ID: V3181475.D

Sampled: 03/18/24 09:36 | Prepared: 03/22/24 07:30 | Analyzed: 03/22/24 15:55

Solids: 88.33 | Preparation: EPA 5035A | Initial/Final: 6.03 g / 5 ml

Batch: BC41616 | Sequence: S4C2506 | Calibration: SC40032 | Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0047	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0047	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0047	U	
79-01-6	Trichloroethylene	1	0.0047	U	
75-69-4	Trichlorofluoromethane	1	0.0047	U	
108-05-4	Vinyl acetate	1	0.0047	U	UJ
75-01-4	Vinyl Chloride	1	0.0047	U	
1330-20-7	Xylenes, Total	1	0.014	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	55.2	110	77 - 125	
SURR: Toluene-d8	50.0	50.7	101	85 - 120	
SURR: p-Bromofluorobenzene	50.0	52.0	104	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	104598	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	351707	8.846	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	129548	11.833	137956	11.83	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 13B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-13 File ID: V3181476.D

Sampled: 03/18/24 09:47 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:21

Solids: 71.98 Preparation: EPA 5035A Initial/Final: 5 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0069	U	
71-55-6	1,1,1-Trichloroethane	1	0.0069	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0069	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0069	U	
79-00-5	1,1,2-Trichloroethane	1	0.0069	U	
75-34-3	1,1-Dichloroethane	1	0.0069	U	
75-35-4	1,1-Dichloroethylene	1	0.0069	U	
563-58-6	1,1-Dichloropropylene	1	0.0069	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0069	U	
96-18-4	1,2,3-Trichloropropane	1	0.0069	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0069	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0069	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0069	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0069	U	
106-93-4	1,2-Dibromoethane	1	0.0069	U	
95-50-1	1,2-Dichlorobenzene	1	0.0069	U	
107-06-2	1,2-Dichloroethane	1	0.0069	U	
78-87-5	1,2-Dichloropropane	1	0.0069	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0069	U	
541-73-1	1,3-Dichlorobenzene	1	0.0069	U	
142-28-9	1,3-Dichloropropane	1	0.0069	U	
106-46-7	1,4-Dichlorobenzene	1	0.0038	J	
123-91-1	1,4-Dioxane	1	~~0.14~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0069	U	
78-93-3	2-Butanone	1	0.0069	U	
110-75-8	2-Chloroethylvinyl ether	1	0.028	U	
95-49-8	2-Chlorotoluene	1	0.0069	U	
591-78-6	2-Hexanone	1	0.0069	U	UJ
106-43-4	4-Chlorotoluene	1	0.0069	U	
108-10-1	4-Methyl-2-pentanone	1	0.0069	U	
67-64-1	Acetone	1	0.011	J	
107-02-8	Acrolein	1	0.014	U	
107-13-1	Acrylonitrile	1	0.0069	U	
71-43-2	Benzene	1	0.0069	U	
108-86-1	Bromobenzene	1	0.0069	U	
74-97-5	Bromochloromethane	1	0.0069	U	
75-27-4	Bromodichloromethane	1	0.0069	U	
75-25-2	Bromoform	1	0.0069	U	UJ
74-83-9	Bromomethane	1	0.0069	U	UJ
75-15-0	Carbon disulfide	1	0.0050	J	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 13B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-13 File ID: V3181476.D

Sampled: 03/18/24 09:47 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:21

Solids: 71.98 Preparation: EPA 5035A Initial/Final: 5 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0069	U	
108-90-7	Chlorobenzene	1	0.024		
75-00-3	Chloroethane	1	0.0069	U	
67-66-3	Chloroform	1	0.0069	U	
74-87-3	Chloromethane	1	0.0069	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0069	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0069	U	
110-82-7	Cyclohexane	1	0.0069	U	
124-48-1	Dibromochloromethane	1	0.0069	U	
74-95-3	Dibromomethane	1	0.0069	U	
75-71-8	Dichlorodifluoromethane	1	0.0069	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.011	U	
64-17-5	Ethanol	1	0.11	U	UJ
100-41-4	Ethyl Benzene	1	0.0069	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.011	U	
87-68-3	Hexachlorobutadiene	1	0.0069	U	
74-88-4	Iodomethane	1	0.0069	U	UJ
98-82-8	Isopropylbenzene	1	0.0072		
79-20-9	Methyl acetate	1	0.0069	U	
80-62-6	Methyl Methacrylate	1	0.0069	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0069	U	
108-87-2	Methylcyclohexane	1	0.0069	U	
75-09-2	Methylene chloride	1	0.014	U	UJ
91-20-3	Naphthalene	1	0.043		
104-51-8	n-Butylbenzene	1	0.0069	U	
103-65-1	n-Propylbenzene	1	0.0062	J	
95-47-6	o-Xylene	1	0.0069	U	
179601-23-1	p- & m- Xylenes	1	0.014	U	
105-05-5	p-Diethylbenzene	1	0.0069	U	
622-96-8	p-Ethyltoluene	1	0.0069	U	
99-87-6	p-Isopropyltoluene	1	0.0069	U	
135-98-8	sec-Butylbenzene	1	0.0069	U	
100-42-5	Styrene	1	0.0069	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.11	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.011	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0069	U	UJ
98-06-6	tert-Butylbenzene	1	0.0069	U	
127-18-4	Tetrachloroethylene	1	0.0069	U	UJ
109-99-9	Tetrahydrofuran	1	0.014	U	
108-88-3	Toluene	1	0.0069	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 13B

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-13 | File ID: V3181476.D

Sampled: 03/18/24 09:47 | Prepared: 03/22/24 07:30 | Analyzed: 03/22/24 16:21

Solids: 71.98 | Preparation: EPA 5035A | Initial/Final: 5 g / 5 ml

Batch: BC41616 | Sequence: S4C2506 | Calibration: SC40032 | Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0069	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0069	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0069	U	
79-01-6	Trichloroethylene	1	0.0069	U	
75-69-4	Trichlorofluoromethane	1	0.0069	U	
108-05-4	Vinyl acetate	1	0.0069	U	UJ
75-01-4	Vinyl Chloride	1	0.0069	U	
1330-20-7	Xylenes, Total	1	0.021	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	60.1	120	77 - 125	
SURR: Toluene-d8	50.0	49.4	98.7	85 - 120	
SURR: p-Bromofluorobenzene	50.0	49.6	99.1	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	94478	5.82	98647	5.816	
ISTD: Chlorobenzene-d5	319022	8.846	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	133296	11.833	137956	11.83	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID: V3181477.D

Sampled: 03/18/24 16:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:47

Solids: 83.38 Preparation: EPA 5035A Initial/Final: 4.54 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0066	U	
71-55-6	1,1,1-Trichloroethane	1	0.0066	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0066	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0066	U	
79-00-5	1,1,2-Trichloroethane	1	0.0066	U	
75-34-3	1,1-Dichloroethane	1	0.0066	U	
75-35-4	1,1-Dichloroethylene	1	0.0066	U	
563-58-6	1,1-Dichloropropylene	1	0.0066	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0066	U	
96-18-4	1,2,3-Trichloropropane	1	0.0066	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0066	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0066	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0066	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0066	U	
106-93-4	1,2-Dibromoethane	1	0.0066	U	
95-50-1	1,2-Dichlorobenzene	1	0.0066	U	
107-06-2	1,2-Dichloroethane	1	0.0066	U	
78-87-5	1,2-Dichloropropane	1	0.0066	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0066	U	
541-73-1	1,3-Dichlorobenzene	1	0.0066	U	
142-28-9	1,3-Dichloropropane	1	0.0066	U	
106-46-7	1,4-Dichlorobenzene	1	0.0066	U	
123-91-1	1,4-Dioxane	1	~~0.13~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0066	U	
78-93-3	2-Butanone	1	0.0066	U	
110-75-8	2-Chloroethylvinyl ether	1	0.026	U	
95-49-8	2-Chlorotoluene	1	0.0066	U	
591-78-6	2-Hexanone	1	0.0066	U	UJ
106-43-4	4-Chlorotoluene	1	0.0066	U	
108-10-1	4-Methyl-2-pentanone	1	0.0066	U	
67-64-1	Acetone	1	0.013	U	
107-02-8	Acrolein	1	0.013	U	
107-13-1	Acrylonitrile	1	0.0066	U	
71-43-2	Benzene	1	0.0066	U	
108-86-1	Bromobenzene	1	0.0066	U	
74-97-5	Bromochloromethane	1	0.0066	U	
75-27-4	Bromodichloromethane	1	0.0066	U	
75-25-2	Bromoform	1	0.0066	U	UJ
74-83-9	Bromomethane	1	0.0066	U	UJ
75-15-0	Carbon disulfide	1	0.0066	U	

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EPA 8260C

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID: V3181477.D

Sampled: 03/18/24 16:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 16:47

Solids: 83.38 Preparation: EPA 5035A Initial/Final: 4.54 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0066	U	
108-90-7	Chlorobenzene	1	0.0066	U	
75-00-3	Chloroethane	1	0.0066	U	
67-66-3	Chloroform	1	0.0066	U	
74-87-3	Chloromethane	1	0.0066	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0066	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0066	U	
110-82-7	Cyclohexane	1	0.0066	U	
124-48-1	Dibromochloromethane	1	0.0066	U	
74-95-3	Dibromomethane	1	0.0066	U	
75-71-8	Dichlorodifluoromethane	1	0.0066	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.011	U	
64-17-5	Ethanol	1	0.11	U	UJ
100-41-4	Ethyl Benzene	1	0.0066	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.011	U	
87-68-3	Hexachlorobutadiene	1	0.0066	U	
74-88-4	Iodomethane	1	0.0066	U	UJ
98-82-8	Isopropylbenzene	1	0.0066	U	
79-20-9	Methyl acetate	1	0.0066	U	
80-62-6	Methyl Methacrylate	1	0.0066	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0066	U	
108-87-2	Methylcyclohexane	1	0.0066	U	
75-09-2	Methylene chloride	1	0.013	U	UJ
91-20-3	Naphthalene	1	0.013	U	
104-51-8	n-Butylbenzene	1	0.0066	U	
103-65-1	n-Propylbenzene	1	0.0066	U	
95-47-6	o-Xylene	1	0.0066	U	
179601-23-1	p- & m- Xylenes	1	0.013	U	
105-05-5	p-Diethylbenzene	1	0.0066	U	
622-96-8	p-Ethyltoluene	1	0.0066	U	
99-87-6	p-Isopropyltoluene	1	0.0066	U	
135-98-8	sec-Butylbenzene	1	0.0066	U	
100-42-5	Styrene	1	0.0066	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.11	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.011	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0066	U	UJ
98-06-6	tert-Butylbenzene	1	0.0066	U	
127-18-4	Tetrachloroethylene	1	0.0066	U	UJ
109-99-9	Tetrahydrofuran	1	0.013	U	
108-88-3	Toluene	1	0.0066	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 14

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-14	File ID:	V3181477.D
Sampled:	03/18/24 16:00	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 16:47
Solids:	83.38	Preparation:	EPA 5035A	Initial/Final:	4.54 g / 5 ml
Batch:	BC41616	Sequence:	S4C2506	Calibration:	SC40032
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0066	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0066	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0066	U	
79-01-6	Trichloroethylene	1	0.0066	U	
75-69-4	Trichlorofluoromethane	1	0.0066	U	
108-05-4	Vinyl acetate	1	0.0066	U	UJ
75-01-4	Vinyl Chloride	1	0.0066	U	
1330-20-7	Xylenes, Total	1	0.020	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	56.0	112	77 - 125	
SURR: Toluene-d8	50.0	47.7	95.5	85 - 120	
SURR: p-Bromofluorobenzene	50.0	48.3	96.6	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	104452	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	377602	8.846	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	149062	11.83	137956	11.83	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 14 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-15 File ID: V3181478.D

Sampled: 03/18/24 16:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:13

Solids: 84.10 Preparation: EPA 5035A Initial/Final: 3.68 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0081	U	
71-55-6	1,1,1-Trichloroethane	1	0.0081	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0081	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0081	U	
79-00-5	1,1,2-Trichloroethane	1	0.0081	U	
75-34-3	1,1-Dichloroethane	1	0.0081	U	
75-35-4	1,1-Dichloroethylene	1	0.0081	U	
563-58-6	1,1-Dichloropropylene	1	0.0081	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0081	U	
96-18-4	1,2,3-Trichloropropane	1	0.0081	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0081	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0081	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0081	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0081	U	
106-93-4	1,2-Dibromoethane	1	0.0081	U	
95-50-1	1,2-Dichlorobenzene	1	0.0081	U	
107-06-2	1,2-Dichloroethane	1	0.0081	U	
78-87-5	1,2-Dichloropropane	1	0.0081	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0081	U	
541-73-1	1,3-Dichlorobenzene	1	0.0081	U	
142-28-9	1,3-Dichloropropane	1	0.0081	U	
106-46-7	1,4-Dichlorobenzene	1	0.0081	U	
123-91-1	1,4-Dioxane	1	~~0.16~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0081	U	
78-93-3	2-Butanone	1	0.0081	U	
110-75-8	2-Chloroethylvinyl ether	1	0.032	U	
95-49-8	2-Chlorotoluene	1	0.0081	U	
591-78-6	2-Hexanone	1	0.0081	U	UJ
106-43-4	4-Chlorotoluene	1	0.0081	U	
108-10-1	4-Methyl-2-pentanone	1	0.0081	U	
67-64-1	Acetone	1	0.016	U	
107-02-8	Acrolein	1	0.016	U	
107-13-1	Acrylonitrile	1	0.0081	U	
71-43-2	Benzene	1	0.0081	U	
108-86-1	Bromobenzene	1	0.0081	U	
74-97-5	Bromochloromethane	1	0.0081	U	
75-27-4	Bromodichloromethane	1	0.0081	U	
75-25-2	Bromoform	1	0.0081	U	UJ
74-83-9	Bromomethane	1	0.0081	U	UJ
75-15-0	Carbon disulfide	1	0.0081	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 14 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-15 File ID: V3181478.D

Sampled: 03/18/24 16:00 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:13

Solids: 84.10 Preparation: EPA 5035A Initial/Final: 3.68 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0081	U	
108-90-7	Chlorobenzene	1	0.0081	U	
75-00-3	Chloroethane	1	0.0081	U	
67-66-3	Chloroform	1	0.0081	U	
74-87-3	Chloromethane	1	0.0081	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0081	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0081	U	
110-82-7	Cyclohexane	1	0.0081	U	
124-48-1	Dibromochloromethane	1	0.0081	U	
74-95-3	Dibromomethane	1	0.0081	U	
75-71-8	Dichlorodifluoromethane	1	0.0081	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.013	U	
64-17-5	Ethanol	1	0.13	U	UJ
100-41-4	Ethyl Benzene	1	0.0081	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.013	U	
87-68-3	Hexachlorobutadiene	1	0.0081	U	
74-88-4	Iodomethane	1	0.0081	U	UJ
98-82-8	Isopropylbenzene	1	0.0081	U	
79-20-9	Methyl acetate	1	0.0081	U	
80-62-6	Methyl Methacrylate	1	0.0081	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0081	U	
108-87-2	Methylcyclohexane	1	0.0081	U	
75-09-2	Methylene chloride	1	0.016	U	UJ
91-20-3	Naphthalene	1	0.016	U	
104-51-8	n-Butylbenzene	1	0.0081	U	
103-65-1	n-Propylbenzene	1	0.0081	U	
95-47-6	o-Xylene	1	0.0081	U	
179601-23-1	p- & m- Xylenes	1	0.016	U	
105-05-5	p-Diethylbenzene	1	0.0081	U	
622-96-8	p-Ethyltoluene	1	0.0081	U	
99-87-6	p-Isopropyltoluene	1	0.0081	U	
135-98-8	sec-Butylbenzene	1	0.0081	U	
100-42-5	Styrene	1	0.0081	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.13	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.013	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0081	U	UJ
98-06-6	tert-Butylbenzene	1	0.0081	U	
127-18-4	Tetrachloroethylene	1	0.0081	U	UJ
109-99-9	Tetrahydrofuran	1	0.016	U	
108-88-3	Toluene	1	0.0081	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	V3181478.D
Sampled:	03/18/24 16:00	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 17:13
Solids:	84.10	Preparation:	EPA 5035A	Initial/Final:	3.68 g / 5 ml
Batch:	BC41616	Sequence:	S4C2506	Calibration:	SC40032
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0081	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0081	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0081	U	
79-01-6	Trichloroethylene	1	0.0081	U	
75-69-4	Trichlorofluoromethane	1	0.0081	U	
108-05-4	Vinyl acetate	1	0.0081	U	UJ
75-01-4	Vinyl Chloride	1	0.0081	U	
1330-20-7	Xylenes, Total	1	0.024	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	56.5	113	77 - 125	
SURR: Toluene-d8	50.0	48.2	96.4	85 - 120	
SURR: p-Bromofluorobenzene	50.0	47.6	95.1	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	106361	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	375648	8.845	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	147670	11.833	137956	11.83	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID: V3181479.D

Sampled: 03/18/24 16:25 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:40

Solids: 80.50 Preparation: EPA 5035A Initial/Final: 4.97 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0062	U	
71-55-6	1,1,1-Trichloroethane	1	0.0062	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0062	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0062	U	
79-00-5	1,1,2-Trichloroethane	1	0.0062	U	
75-34-3	1,1-Dichloroethane	1	0.0062	U	
75-35-4	1,1-Dichloroethylene	1	0.0062	U	
563-58-6	1,1-Dichloropropylene	1	0.0062	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.0062	U	
96-18-4	1,2,3-Trichloropropane	1	0.0062	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.0062	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.0062	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.0062	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0062	U	
106-93-4	1,2-Dibromoethane	1	0.0062	U	
95-50-1	1,2-Dichlorobenzene	1	0.0062	U	
107-06-2	1,2-Dichloroethane	1	0.0062	U	
78-87-5	1,2-Dichloropropane	1	0.0062	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.0062	U	
541-73-1	1,3-Dichlorobenzene	1	0.0062	U	
142-28-9	1,3-Dichloropropane	1	0.0062	U	
106-46-7	1,4-Dichlorobenzene	1	0.0062	U	
123-91-1	1,4-Dioxane	1	~~0.12~~	U	R
594-20-7	2,2-Dichloropropane	1	0.0062	U	
78-93-3	2-Butanone	1	0.0062	U	
110-75-8	2-Chloroethylvinyl ether	1	0.025	U	
95-49-8	2-Chlorotoluene	1	0.0062	U	
591-78-6	2-Hexanone	1	0.0062	U	UJ
106-43-4	4-Chlorotoluene	1	0.0062	U	
108-10-1	4-Methyl-2-pentanone	1	0.0062	U	
67-64-1	Acetone	1	0.012	U	
107-02-8	Acrolein	1	0.012	U	
107-13-1	Acrylonitrile	1	0.0062	U	
71-43-2	Benzene	1	0.0062	U	
108-86-1	Bromobenzene	1	0.0062	U	
74-97-5	Bromochloromethane	1	0.0062	U	
75-27-4	Bromodichloromethane	1	0.0062	U	
75-25-2	Bromoform	1	0.0062	U	UJ
74-83-9	Bromomethane	1	0.0062	U	UJ
75-15-0	Carbon disulfide	1	0.0062	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID: V3181479.D

Sampled: 03/18/24 16:25 Prepared: 03/22/24 07:30 Analyzed: 03/22/24 17:40

Solids: 80.50 Preparation: EPA 5035A Initial/Final: 4.97 g / 5 ml

Batch: BC41616 Sequence: S4C2506 Calibration: SC40032 Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
56-23-5	Carbon tetrachloride	1	0.0062	U	
108-90-7	Chlorobenzene	1	0.0062	U	
75-00-3	Chloroethane	1	0.0062	U	
67-66-3	Chloroform	1	0.0062	U	
74-87-3	Chloromethane	1	0.0062	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.0062	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.0062	U	
110-82-7	Cyclohexane	1	0.0062	U	
124-48-1	Dibromochloromethane	1	0.0062	U	
74-95-3	Dibromomethane	1	0.0062	U	
75-71-8	Dichlorodifluoromethane	1	0.0062	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.010	U	
64-17-5	Ethanol	1	0.13		J
100-41-4	Ethyl Benzene	1	0.0062	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.010	U	
87-68-3	Hexachlorobutadiene	1	0.0062	U	
74-88-4	Iodomethane	1	0.0062	U	UJ
98-82-8	Isopropylbenzene	1	0.0062	U	
79-20-9	Methyl acetate	1	0.0062	U	
80-62-6	Methyl Methacrylate	1	0.0062	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0062	U	
108-87-2	Methylcyclohexane	1	0.0062	U	
75-09-2	Methylene chloride	1	0.012	U	UJ
91-20-3	Naphthalene	1	0.012	U	
104-51-8	n-Butylbenzene	1	0.0062	U	
103-65-1	n-Propylbenzene	1	0.0062	U	
95-47-6	o-Xylene	1	0.0062	U	
179601-23-1	p- & m- Xylenes	1	0.012	U	
105-05-5	p-Diethylbenzene	1	0.0062	U	
622-96-8	p-Ethyltoluene	1	0.0062	U	
99-87-6	p-Isopropyltoluene	1	0.0062	U	
135-98-8	sec-Butylbenzene	1	0.0062	U	
100-42-5	Styrene	1	0.0062	U	
75-85-4	tert-Amyl alcohol (TAA)	1	0.10	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.010	U	
75-65-0	tert-Butyl alcohol (TBA)	1	0.0062	U	UJ
98-06-6	tert-Butylbenzene	1	0.0062	U	
127-18-4	Tetrachloroethylene	1	0.0062	U	UJ
109-99-9	Tetrahydrofuran	1	0.012	U	
108-88-3	Toluene	1	0.0062	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Soil Boring 15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-16	File ID:	V3181479.D
Sampled:	03/18/24 16:25	Prepared:	03/22/24 07:30	Analyzed:	03/22/24 17:40
Solids:	80.50	Preparation:	EPA 5035A	Initial/Final:	4.97 g / 5 ml
Batch:	BC41616	Sequence:	S4C2506	Calibration:	SC40032
Instrument:	VOA No. 3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
156-60-5	trans-1,2-Dichloroethylene	1	0.0062	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.0062	U	
110-57-6	trans-1,4-dichloro-2-butene	1	0.0062	U	
79-01-6	Trichloroethylene	1	0.0062	U	
75-69-4	Trichlorofluoromethane	1	0.0062	U	
108-05-4	Vinyl acetate	1	0.0062	U	UJ
75-01-4	Vinyl Chloride	1	0.0062	U	
1330-20-7	Xylenes, Total	1	0.019	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	56.4	113	77 - 125	
SURR: Toluene-d8	50.0	48.0	95.9	85 - 120	
SURR: p-Bromofluorobenzene	50.0	46.9	93.9	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	105206	5.816	98647	5.816	
ISTD: Chlorobenzene-d5	376861	8.845	326129	8.846	
ISTD: 1,2-Dichlorobenzene-d4	150080	11.833	137956	11.83	

* Values outside of QC limits

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York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
CLASS: VOA
METHOD: EPA 8260D

DATA PACKAGE COVER PAGE

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09
Rinseate	24C1134-17

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-07 File ID: V10C03253.D

Sampled: 03/18/24 13:00 Prepared: 03/20/24 03:00 Analyzed: 03/21/24 01:58

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41427 Sequence: S4C2117 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	UJ
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	UJ
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	UJ
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	UJ
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-07 | File ID: V10C03253.D

Sampled: 03/18/24 13:00 | Prepared: 03/20/24 03:00 | Analyzed: 03/21/24 01:58

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BC41427 | Sequence: S4C2117 | Calibration: SC40006 | Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	0.500 UJ ~~0.270~~	JB	UJ
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-07 | File ID: V10C03253.D

Sampled: 03/18/24 13:00 | Prepared: 03/20/24 03:00 | Analyzed: 03/21/24 01:58

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BC41427 | Sequence: S4C2117 | Calibration: SC40006 | Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	UJ
75-01-4	Vinyl Chloride	1	0.500	U	
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.88	98.8	69 - 130	
SURR: Toluene-d8	10.0	9.91	99.1	81 - 117	
SURR: p-Bromofluorobenzene	10.0	11.2	112	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	182931	6.489	197353	6.486	
ISTD: Chlorobenzene-d5	796705	9.556	848146	9.556	
ISTD: 1,2-Dichlorobenzene-d4	273356	12.575	297070	12.575	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-08 File ID: V10C03254.D

Sampled: 03/18/24 11:00 Prepared: 03/20/24 03:00 Analyzed: 03/21/24 02:25

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41427 Sequence: S4C2117 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	UJ
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	UJ
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	UJ
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	UJ
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-08 File ID: V10C03254.D

Sampled: 03/18/24 11:00 Prepared: 03/20/24 03:00 Analyzed: 03/21/24 02:25

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41427 Sequence: S4C2117 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.550		
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	0.500 UJ ~~0.560~~	JB	UJ
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-08 | File ID: V10C03254.D

Sampled: 03/18/24 11:00 | Prepared: 03/20/24 03:00 | Analyzed: 03/21/24 02:25

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BC41427 | Sequence: S4C2117 | Calibration: SC40006 | Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U UJ
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.09	90.9	69 - 130	
SURR: Toluene-d8	10.0	9.97	99.7	81 - 117	
SURR: p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	177922	6.486	197353	6.486	
ISTD: Chlorobenzene-d5	755212	9.556	848146	9.556	
ISTD: 1,2-Dichlorobenzene-d4	244544	12.575	297070	12.575	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-09 File ID: V10C03255.D

Sampled: 03/18/24 10:30 Prepared: 03/20/24 03:00 Analyzed: 03/21/24 02:51

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41427 Sequence: S4C2117 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	UJ
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	UJ
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	UJ
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	UJ
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-09 File ID: V10C03255.D

Sampled: 03/18/24 10:30 Prepared: 03/20/24 03:00 Analyzed: 03/21/24 02:51

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41427 Sequence: S4C2117 Calibration: SC40006 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	0.500 UJ ~~0.400~~	JB	UJ
104-51-8	n-Butylbenzene	1	0.500	U	
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-09 | File ID: V10C03255.D

Sampled: 03/18/24 10:30 | Prepared: 03/20/24 03:00 | Analyzed: 03/21/24 02:51

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BC41427 | Sequence: S4C2117 | Calibration: SC40006 | Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	UJ
75-01-4	Vinyl Chloride	1	0.500	U	
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.82	98.2	69 - 130	
SURR: Toluene-d8	10.0	9.86	98.6	81 - 117	
SURR: p-Bromofluorobenzene	10.0	11.1	111	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	179115	6.486	197353	6.486	
ISTD: Chlorobenzene-d5	789091	9.553	848146	9.556	
ISTD: 1,2-Dichlorobenzene-d4	272613	12.579	297070	12.575	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Rinseate

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 24C1134-17 File ID: V10C03483.D

Sampled: 03/18/24 16:30 Prepared: 03/27/24 08:00 Analyzed: 03/27/24 13:47

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41926 Sequence: S4C2745 Calibration: SC40052 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	5	2.50	U	
71-55-6	1,1,1-Trichloroethane	5	2.50	U	
79-34-5	1,1,2,2-Tetrachloroethane	5	2.50	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	2.50	U	UJ
79-00-5	1,1,2-Trichloroethane	5	2.50	U	
75-34-3	1,1-Dichloroethane	5	2.50	U	
75-35-4	1,1-Dichloroethylene	5	2.50	U	
563-58-6	1,1-Dichloropropylene	5	2.50	U	
87-61-6	1,2,3-Trichlorobenzene	5	2.50	U	UJ
96-18-4	1,2,3-Trichloropropane	5	2.50	U	
95-93-2	1,2,4,5-Tetramethylbenzene	5	2.50	U	
120-82-1	1,2,4-Trichlorobenzene	5	2.50	U	
95-63-6	1,2,4-Trimethylbenzene	5	2.50	U	
96-12-8	1,2-Dibromo-3-chloropropane	5	2.50	U	
106-93-4	1,2-Dibromoethane	5	2.50	U	
95-50-1	1,2-Dichlorobenzene	5	2.50	U	
107-06-2	1,2-Dichloroethane	5	2.50	U	
78-87-5	1,2-Dichloropropane	5	2.50	U	
108-67-8	1,3,5-Trimethylbenzene	5	2.50	U	
541-73-1	1,3-Dichlorobenzene	5	2.50	U	
142-28-9	1,3-Dichloropropane	5	2.50	U	
106-46-7	1,4-Dichlorobenzene	5	2.50	U	
123-91-1	1,4-Dioxane	5	~~400~~	U	R
594-20-7	2,2-Dichloropropane	5	2.50	U	
78-93-3	2-Butanone	5	2.50	U	UJ
95-49-8	2-Chlorotoluene	5	2.50	U	
591-78-6	2-Hexanone	5	4.90	D	
106-43-4	4-Chlorotoluene	5	2.50	U	
108-10-1	4-Methyl-2-pentanone	5	2.50	U	
67-64-1	Acetone	5	30.0	D	J
107-02-8	Acrolein	5	2.50	U	
107-13-1	Acrylonitrile	5	2.50	U	
71-43-2	Benzene	5	2.50	U	
108-86-1	Bromobenzene	5	2.50	U	
74-97-5	Bromochloromethane	5	2.50	U	
75-27-4	Bromodichloromethane	5	1.60	JD	
75-25-2	Bromoform	5	2.50	U	
74-83-9	Bromomethane	5	2.50	U	UJ
75-15-0	Carbon disulfide	5	2.50	U	
56-23-5	Carbon tetrachloride	5	2.50	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Rinseate

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 24C1134-17 File ID: V10C03483.D

Sampled: 03/18/24 16:30 Prepared: 03/27/24 08:00 Analyzed: 03/27/24 13:47

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BC41926 Sequence: S4C2745 Calibration: SC40052 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	5	2.50	U	
75-00-3	Chloroethane	5	2.50	U	
67-66-3	Chloroform	5	14.4	D	
74-87-3	Chloromethane	5	2.50	U	
156-59-2	cis-1,2-Dichloroethylene	5	2.50	U	
10061-01-5	cis-1,3-Dichloropropylene	5	2.50	U	
110-82-7	Cyclohexane	5	2.50	U	UJ
124-48-1	Dibromochloromethane	5	2.50	U	
74-95-3	Dibromomethane	5	2.50	U	
75-71-8	Dichlorodifluoromethane	5	2.50	U	UJ
108-20-3	Diisopropyl ether (DIPE)	5	4.00	U	
100-41-4	Ethyl Benzene	5	2.50	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	5	4.00	U	
87-68-3	Hexachlorobutadiene	5	2.50	U	
74-88-4	Iodomethane	5	2.50	U	UJ
98-82-8	Isopropylbenzene	5	2.50	U	
79-20-9	Methyl acetate	5	2.50	U	
80-62-6	Methyl Methacrylate	5	2.50	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	5	2.50	U	
108-87-2	Methylcyclohexane	5	2.50	U	UJ
75-09-2	Methylene chloride	5	10.0	U	
91-20-3	Naphthalene	5	10.0	U	UJ
104-51-8	n-Butylbenzene	5	2.50	U	
103-65-1	n-Propylbenzene	5	2.50	U	
95-47-6	o-Xylene	5	2.50	U	
179601-23-1	p- & m- Xylenes	5	5.00	U	
105-05-5	p-Diethylbenzene	5	2.50	U	
622-96-8	p-Ethyltoluene	5	2.50	U	
99-87-6	p-Isopropyltoluene	5	2.50	U	
135-98-8	sec-Butylbenzene	5	2.50	U	
100-42-5	Styrene	5	2.50	U	
75-85-4	tert-Amyl alcohol (TAA)	5	40.0	U	
994-05-8	tert-Amyl methyl ether (TAME)	5	4.00	U	
75-65-0	tert-Butyl alcohol (TBA)	5	5.00	U	
98-06-6	tert-Butylbenzene	5	2.50	U	
127-18-4	Tetrachloroethylene	5	2.50	U	UJ
109-99-9	Tetrahydrofuran	5	2.50	U	
108-88-3	Toluene	5	2.50	U	
156-60-5	trans-1,2-Dichloroethylene	5	2.50	U	
10061-02-6	trans-1,3-Dichloropropylene	5	2.50	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Rinseate

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 24C1134-17 | File ID: V10C03483.D

Sampled: 03/18/24 16:30 | Prepared: 03/27/24 08:00 | Analyzed: 03/27/24 13:47

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BC41926 | Sequence: S4C2745 | Calibration: SC40052 | Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	5	2.50	U	
79-01-6	Trichloroethylene	5	2.50	U	
75-69-4	Trichlorofluoromethane	5	2.50	U	UJ
108-05-4	Vinyl acetate	5	2.50	U	UJ
75-01-4	Vinyl Chloride	5	2.50	U	
1330-20-7	Xylenes, Total	5	7.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.7	107	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	12.2	122	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	299056	6.466	374186	6.463	
ISTD: Chlorobenzene-d5	1001583	9.531	1281299	9.534	
ISTD: 1,2-Dichlorobenzene-d4	333734	12.55	404535	12.55	

* Values outside of QC limits

MKP 5/9/2024

York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
CLASS: SVOA
METHOD: EPA 8270D

DATA PACKAGE COVER PAGE

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09
Soil Boring 12B	24C1134-11
Soil Boring 13A	24C1134-12
Soil Boring 13B	24C1134-13
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/30/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: SV4415568.D

Sampled: 03/18/24 15:50 Prepared: 03/19/24 14:17 Analyzed: 03/20/24 12:50

Solids: 57.92 Preparation: EPA 3550C Initial/Final: 30.6 g / 1 mL

Batch: BC41365 Sequence: S4C2135 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.141	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.282	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.141	U	
95-50-1	1,2-Dichlorobenzene	2	0.141	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.141	U	
541-73-1	1,3-Dichlorobenzene	2	0.141	U	
106-46-7	1,4-Dichlorobenzene	2	0.141	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.282	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.141	U	
88-06-2	2,4,6-Trichlorophenol	2	0.141	U	
120-83-2	2,4-Dichlorophenol	2	0.141	U	
105-67-9	2,4-Dimethylphenol	2	0.141	U	
51-28-5	2,4-Dinitrophenol	2	0.282	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.141	U	
606-20-2	2,6-Dinitrotoluene	2	0.141	U	UJ
91-58-7	2-Chloronaphthalene	2	0.141	U	
95-57-8	2-Chlorophenol	2	0.141	U	
91-57-6	2-Methylnaphthalene	2	0.141	U	
95-48-7	2-Methylphenol	2	0.141	U	
88-74-4	2-Nitroaniline	2	0.282	U	UJ
88-75-5	2-Nitrophenol	2	0.141	U	
65794-96-9	3- & 4-Methylphenols	2	0.141	U	
91-94-1	3,3-Dichlorobenzidine	2	0.141	U	
99-09-2	3-Nitroaniline	2	0.282	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.282	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.141	U	
59-50-7	4-Chloro-3-methylphenol	2	0.141	U	
106-47-8	4-Chloroaniline	2	0.141	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.141	U	
100-01-6	4-Nitroaniline	2	0.282	U	UJ
100-02-7	4-Nitrophenol	2	0.282	U	
83-32-9	Acenaphthene	2	0.141	U	
208-96-8	Acenaphthylene	2	0.141	U	
98-86-2	Acetophenone	2	0.141	U	
62-53-3	Aniline	2	0.565	U	
120-12-7	Anthracene	2	0.141	U	
1912-24-9	Atrazine	2	0.141	U	
100-52-7	Benzaldehyde	2	0.141	U	
92-87-5	Benzidine	2	0.565	U	UJ
56-55-3	Benzo(a)anthracene	2	0.141	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: SV4415568.D

Sampled: 03/18/24 15:50 Prepared: 03/19/24 14:17 Analyzed: 03/20/24 12:50

Solids: 57.92 Preparation: EPA 3550C Initial/Final: 30.6 g / 1 mL

Batch: BC41365 Sequence: S4C2135 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.141	U	
205-99-2	Benzo(b)fluoranthene	2	0.141	U	
191-24-2	Benzo(g,h,i)perylene	2	0.141	U	
207-08-9	Benzo(k)fluoranthene	2	0.141	U	
65-85-0	Benzoic acid	2	0.141	U	UJ
100-51-6	Benzyl alcohol	2	0.141	U	
85-68-7	Benzyl butyl phthalate	2	0.141	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.141	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.141	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.141	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.141	U	UJ
105-60-2	Caprolactam	2	0.282	U	
86-74-8	Carbazole	2	0.141	U	
218-01-9	Chrysene	2	0.141	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.141	U	
132-64-9	Dibenzofuran	2	0.141	U	
84-66-2	Diethyl phthalate	2	0.141	U	
131-11-3	Dimethyl phthalate	2	0.141	U	
84-74-2	Di-n-butyl phthalate	2	0.141	U	
117-84-0	Di-n-octyl phthalate	2	0.141	U	UJ
206-44-0	Fluoranthene	2	0.141	U	
86-73-7	Fluorene	2	0.141	U	
118-74-1	Hexachlorobenzene	2	0.141	U	
87-68-3	Hexachlorobutadiene	2	0.141	U	
77-47-4	Hexachlorocyclopentadiene	2	0.141	U	UJ
67-72-1	Hexachloroethane	2	0.141	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.141	U	
78-59-1	Isophorone	2	0.141	U	
91-20-3	Naphthalene	2	0.141	U	
98-95-3	Nitrobenzene	2	0.141	U	
62-75-9	N-Nitrosodimethylamine	2	0.141	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.141	U	
86-30-6	N-Nitrosodiphenylamine	2	0.141	U	
87-86-5	Pentachlorophenol	2	0.141	U	UJ
85-01-8	Phenanthrene	2	0.141	U	
108-95-2	Phenol	2	0.141	U	
129-00-0	Pyrene	2	0.141	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.82	2.07	73.4	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: SV4415568.D

Sampled: 03/18/24 15:50 Prepared: 03/19/24 14:17 Analyzed: 03/20/24 12:50

Solids: 57.92 Preparation: EPA 3550C Initial/Final: 30.6 g / 1 mL

Batch: BC41365 Sequence: S4C2135 Calibration: SB40037 Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	2.82	2.07	73.4	23 - 114	
SURR: Nitrobenzene-d5	1.41	1.17	82.6	22 - 108	
SURR: 2-Fluorobiphenyl	1.41	1.17	82.6	21 - 113	
SURR: 2,4,6-Tribromophenol	2.82	2.16	76.5	19 - 110	
SURR: Terphenyl-d14	1.41	1.21	86.1	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	241116	5.397	229805	5.397	
ISTD: Naphthalene-d8	913965	6.496	873374	6.496	
ISTD: Acenaphthene-d10	533053	8.358	521178	8.352	
ISTD: Phenanthrene-d10	744602	10.22	761863	10.22	
ISTD: Chrysene-d12	575713	15.043	600291	15.043	
ISTD: Perylene-d12	633244	18.08	626862	18.08	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID: SV4415569.D

Sampled: 03/18/24 15:15 Prepared: 03/19/24 14:17 Analyzed: 03/20/24 13:19

Solids: 39.65 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BC41365 Sequence: S4C2135 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.208	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.415	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.208	U	
95-50-1	1,2-Dichlorobenzene	2	0.208	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.208	U	
541-73-1	1,3-Dichlorobenzene	2	0.208	U	
106-46-7	1,4-Dichlorobenzene	2	0.208	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.415	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.208	U	
88-06-2	2,4,6-Trichlorophenol	2	0.208	U	
120-83-2	2,4-Dichlorophenol	2	0.208	U	
105-67-9	2,4-Dimethylphenol	2	0.208	U	
51-28-5	2,4-Dinitrophenol	2	0.415	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.208	U	
606-20-2	2,6-Dinitrotoluene	2	0.208	U	UJ
91-58-7	2-Chloronaphthalene	2	0.208	U	
95-57-8	2-Chlorophenol	2	0.208	U	
91-57-6	2-Methylnaphthalene	2	0.208	U	
95-48-7	2-Methylphenol	2	0.208	U	
88-74-4	2-Nitroaniline	2	0.415	U	UJ
88-75-5	2-Nitrophenol	2	0.208	U	
65794-96-9	3- & 4-Methylphenols	2	0.208	U	
91-94-1	3,3-Dichlorobenzidine	2	0.208	U	
99-09-2	3-Nitroaniline	2	0.415	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.415	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.208	U	
59-50-7	4-Chloro-3-methylphenol	2	0.208	U	
106-47-8	4-Chloroaniline	2	0.208	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.208	U	
100-01-6	4-Nitroaniline	2	0.415	U	UJ
100-02-7	4-Nitrophenol	2	0.415	U	
83-32-9	Acenaphthene	2	0.208	U	
208-96-8	Acenaphthylene	2	0.208	U	
98-86-2	Acetophenone	2	0.208	U	
62-53-3	Aniline	2	0.831	U	
120-12-7	Anthracene	2	0.208	U	
1912-24-9	Atrazine	2	0.208	U	
100-52-7	Benzaldehyde	2	0.208	U	
92-87-5	Benzidine	2	0.831	U	UJ
56-55-3	Benzo(a)anthracene	2	0.208	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-02 | File ID: SV4415569.D

Sampled: 03/18/24 15:15 | Prepared: 03/19/24 14:17 | Analyzed: 03/20/24 13:19

Solids: 39.65 | Preparation: EPA 3550C | Initial/Final: 30.4 g / 1 mL

Batch: BC41365 | Sequence: S4C2135 | Calibration: SB40037 | Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.208	U	
205-99-2	Benzo(b)fluoranthene	2	0.208	U	
191-24-2	Benzo(g,h,i)perylene	2	0.208	U	
207-08-9	Benzo(k)fluoranthene	2	0.208	U	
65-85-0	Benzoic acid	2	0.208	U	UJ
100-51-6	Benzyl alcohol	2	0.208	U	
85-68-7	Benzyl butyl phthalate	2	0.208	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.208	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.208	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.208	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.208	U	UJ
105-60-2	Caprolactam	2	0.415	U	
86-74-8	Carbazole	2	0.208	U	
218-01-9	Chrysene	2	0.208	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.208	U	
132-64-9	Dibenzofuran	2	0.208	U	
84-66-2	Diethyl phthalate	2	0.208	U	
131-11-3	Dimethyl phthalate	2	0.208	U	
84-74-2	Di-n-butyl phthalate	2	0.208	U	
117-84-0	Di-n-octyl phthalate	2	0.208	U	UJ
206-44-0	Fluoranthene	2	0.208	U	
86-73-7	Fluorene	2	0.208	U	
118-74-1	Hexachlorobenzene	2	0.208	U	
87-68-3	Hexachlorobutadiene	2	0.208	U	
77-47-4	Hexachlorocyclopentadiene	2	0.208	U	UJ
67-72-1	Hexachloroethane	2	0.208	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.208	U	
78-59-1	Isophorone	2	0.208	U	
91-20-3	Naphthalene	2	0.208	U	
98-95-3	Nitrobenzene	2	0.208	U	
62-75-9	N-Nitrosodimethylamine	2	0.208	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.208	U	
86-30-6	N-Nitrosodiphenylamine	2	0.208	U	
87-86-5	Pentachlorophenol	2	0.208	U	UJ
85-01-8	Phenanthrene	2	0.208	U	
108-95-2	Phenol	2	0.208	U	
129-00-0	Pyrene	2	0.208	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	4.15	3.30	79.6	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID: SV4415569.D

Sampled: 03/18/24 15:15 Prepared: 03/19/24 14:17 Analyzed: 03/20/24 13:19

Solids: 39.65 Preparation: EPA 3550C Initial/Final: 30.4 g / 1 mL

Batch: BC41365 Sequence: S4C2135 Calibration: SB40037 Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	4.15	3.27	78.9	23 - 114	
SURR: Nitrobenzene-d5	2.07	1.81	87.1	22 - 108	
SURR: 2-Fluorobiphenyl	2.07	1.66	79.9	21 - 113	
SURR: 2,4,6-Tribromophenol	4.15	3.27	78.9	19 - 110	
SURR: Terphenyl-d14	2.07	1.66	79.9	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	275354	5.397	229805	5.397	
ISTD: Naphthalene-d8	1034421	6.497	873374	6.496	
ISTD: Acenaphthene-d10	653098	8.353	521178	8.352	
ISTD: Phenanthrene-d10	904429	10.214	761863	10.22	
ISTD: Chrysene-d12	752429	15.037	600291	15.043	
ISTD: Perylene-d12	799861	18.074	626862	18.08	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID: SV4415570.D

Sampled: 03/18/24 15:00 Prepared: 03/19/24 14:17 Analyzed: 03/20/24 13:48

Solids: 47.60 Preparation: EPA 3550C Initial/Final: 30.6 g / 1 mL

Batch: BC41365 Sequence: S4C2135 Calibration: SB40037 Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.172	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.343	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.172	U	
95-50-1	1,2-Dichlorobenzene	2	0.172	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.172	U	
541-73-1	1,3-Dichlorobenzene	2	0.172	U	
106-46-7	1,4-Dichlorobenzene	2	0.172	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.343	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.172	U	
88-06-2	2,4,6-Trichlorophenol	2	0.172	U	
120-83-2	2,4-Dichlorophenol	2	0.172	U	
105-67-9	2,4-Dimethylphenol	2	0.172	U	
51-28-5	2,4-Dinitrophenol	2	0.343	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.172	U	
606-20-2	2,6-Dinitrotoluene	2	0.172	U	UJ
91-58-7	2-Chloronaphthalene	2	0.172	U	
95-57-8	2-Chlorophenol	2	0.172	U	
91-57-6	2-Methylnaphthalene	2	0.172	U	
95-48-7	2-Methylphenol	2	0.172	U	
88-74-4	2-Nitroaniline	2	0.343	U	UJ
88-75-5	2-Nitrophenol	2	0.172	U	
65794-96-9	3- & 4-Methylphenols	2	0.172	U	
91-94-1	3,3-Dichlorobenzidine	2	0.172	U	
99-09-2	3-Nitroaniline	2	0.343	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2	0.343	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.172	U	
59-50-7	4-Chloro-3-methylphenol	2	0.172	U	
106-47-8	4-Chloroaniline	2	0.172	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.172	U	
100-01-6	4-Nitroaniline	2	0.343	U	UJ
100-02-7	4-Nitrophenol	2	0.343	U	
83-32-9	Acenaphthene	2	0.172	U	
208-96-8	Acenaphthylene	2	0.172	U	
98-86-2	Acetophenone	2	0.172	U	
62-53-3	Aniline	2	0.688	U	
120-12-7	Anthracene	2	0.172	U	
1912-24-9	Atrazine	2	0.172	U	
100-52-7	Benzaldehyde	2	0.172	U	
92-87-5	Benzidine	2	0.688	U	UJ
56-55-3	Benzo(a)anthracene	2	0.0906	JD	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-03 | File ID: SV4415570.D

Sampled: 03/18/24 15:00 | Prepared: 03/19/24 14:17 | Analyzed: 03/20/24 13:48

Solids: 47.60 | Preparation: EPA 3550C | Initial/Final: 30.6 g / 1 mL

Batch: BC41365 | Sequence: S4C2135 | Calibration: SB40037 | Instrument: BNA #4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.136	JD	
205-99-2	Benzo(b)fluoranthene	2	0.141	JD	
191-24-2	Benzo(g,h,i)perylene	2	0.107	JD	
207-08-9	Benzo(k)fluoranthene	2	0.107	JD	
65-85-0	Benzoic acid	2	0.172	U	UJ
100-51-6	Benzyl alcohol	2	0.172	U	
85-68-7	Benzyl butyl phthalate	2	0.172	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	2	0.172	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.172	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.172	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.172	U	UJ
105-60-2	Caprolactam	2	0.343	U	
86-74-8	Carbazole	2	0.172	U	
218-01-9	Chrysene	2	0.124	JD	
53-70-3	Dibenzo(a,h)anthracene	2	0.172	U	
132-64-9	Dibenzofuran	2	0.172	U	
84-66-2	Diethyl phthalate	2	0.172	U	
131-11-3	Dimethyl phthalate	2	0.172	U	
84-74-2	Di-n-butyl phthalate	2	0.172	U	
117-84-0	Di-n-octyl phthalate	2	0.172	U	UJ
206-44-0	Fluoranthene	2	0.207	D	
86-73-7	Fluorene	2	0.172	U	
118-74-1	Hexachlorobenzene	2	0.172	U	
87-68-3	Hexachlorobutadiene	2	0.172	U	
77-47-4	Hexachlorocyclopentadiene	2	0.172	U	UJ
67-72-1	Hexachloroethane	2	0.172	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.106	JD	
78-59-1	Isophorone	2	0.172	U	
91-20-3	Naphthalene	2	0.172	U	
98-95-3	Nitrobenzene	2	0.172	U	
62-75-9	N-Nitrosodimethylamine	2	0.172	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.172	U	
86-30-6	N-Nitrosodiphenylamine	2	0.172	U	
87-86-5	Pentachlorophenol	2	0.172	U	UJ
85-01-8	Phenanthrene	2	0.172	U	
108-95-2	Phenol	2	0.172	U	
129-00-0	Pyrene	2	0.174	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	3.43	2.72	79.2	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID: SV4415570.D

Sampled: 03/18/24 15:00 Prepared: 03/19/24 14:17 Analyzed: 03/20/24 13:48

Solids: 47.60 Preparation: EPA 3550C Initial/Final: 30.6 g / 1 mL

Batch: BC41365 Sequence: S4C2135 Calibration: SB40037 Instrument: BNA #4

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	3.43	2.81	81.8	23 - 114	
SURR: Nitrobenzene-d5	1.72	1.56	90.8	22 - 108	
SURR: 2-Fluorobiphenyl	1.72	1.56	90.7	21 - 113	
SURR: 2,4,6-Tribromophenol	3.43	3.20	93.1	19 - 110	
SURR: Terphenyl-d14	1.72	1.55	90.6	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	273834	5.397	229805	5.397	
ISTD: Naphthalene-d8	1080736	6.491	873374	6.496	
ISTD: Acenaphthene-d10	650315	8.353	521178	8.352	
ISTD: Phenanthrene-d10	923200	10.214	761863	10.22	
ISTD: Chrysene-d12	775050	15.037	600291	15.043	
ISTD: Perylene-d12	832745	18.074	626862	18.08	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID: E20019367.D

Sampled: 03/18/24 16:00 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 18:24

Solids: 34.18 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.243	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.486	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.243	U	
95-50-1	1,2-Dichlorobenzene	2	0.243	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.243	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.243	U	
106-46-7	1,4-Dichlorobenzene	2	0.243	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.486	U	
95-95-4	2,4,5-Trichlorophenol	2	0.243	U	
88-06-2	2,4,6-Trichlorophenol	2	0.243	U	
120-83-2	2,4-Dichlorophenol	2	0.243	U	
105-67-9	2,4-Dimethylphenol	2	0.243	U	
51-28-5	2,4-Dinitrophenol	2	0.486	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.243	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.243	U	UJ
91-58-7	2-Chloronaphthalene	2	0.243	U	
95-57-8	2-Chlorophenol	2	0.243	U	
91-57-6	2-Methylnaphthalene	2	0.243	U	
95-48-7	2-Methylphenol	2	0.243	U	
88-74-4	2-Nitroaniline	2	0.486	U	
88-75-5	2-Nitrophenol	2	0.243	U	
65794-96-9	3- & 4-Methylphenols	2	0.243	U	
91-94-1	3,3-Dichlorobenzidine	2	0.243	U	
99-09-2	3-Nitroaniline	2	0.486	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.486	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.243	U	
59-50-7	4-Chloro-3-methylphenol	2	0.243	U	
106-47-8	4-Chloroaniline	2	0.243	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.243	U	
100-01-6	4-Nitroaniline	2	0.486	U	
100-02-7	4-Nitrophenol	2	0.486	U	
83-32-9	Acenaphthene	2	0.243	U	
208-96-8	Acenaphthylene	2	0.410	D	
98-86-2	Acetophenone	2	0.243	U	
62-53-3	Aniline	2	0.974	U	
120-12-7	Anthracene	2	0.175	JD	
1912-24-9	Atrazine	2	0.243	U	
100-52-7	Benzaldehyde	2	0.243	U	
92-87-5	Benzidine	2	0.974	U	
56-55-3	Benzo(a)anthracene	2	0.243	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-04 | File ID: E20019367.D

Sampled: 03/18/24 16:00 | Prepared: 03/19/24 14:03 | Analyzed: 03/20/24 18:24

Solids: 34.18 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 1 mL

Batch: BC41357 | Sequence: S4C2237 | Calibration: SA40031 | Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.146	JD	
205-99-2	Benzo(b)fluoranthene	2	0.243	U	
191-24-2	Benzo(g,h,i)perylene	2	0.243	U	UJ
207-08-9	Benzo(k)fluoranthene	2	0.243	U	
65-85-0	Benzoic acid	2	0.243	U	UJ
100-51-6	Benzyl alcohol	2	0.243	U	
85-68-7	Benzyl butyl phthalate	2	0.243	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.243	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.243	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.243	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.243	U	
105-60-2	Caprolactam	2	0.486	U	
86-74-8	Carbazole	2	0.243	U	
218-01-9	Chrysene	2	0.134	JD	
53-70-3	Dibenzo(a,h)anthracene	2	0.243	U	UJ
132-64-9	Dibenzofuran	2	0.243	U	
84-66-2	Diethyl phthalate	2	0.243	U	
131-11-3	Dimethyl phthalate	2	0.243	U	
84-74-2	Di-n-butyl phthalate	2	0.243	U	
117-84-0	Di-n-octyl phthalate	2	0.243	U	
206-44-0	Fluoranthene	2	0.152	JD	
86-73-7	Fluorene	2	0.243	U	
118-74-1	Hexachlorobenzene	2	0.243	U	UJ
87-68-3	Hexachlorobutadiene	2	0.243	U	
77-47-4	Hexachlorocyclopentadiene	2	0.243	U	UJ
67-72-1	Hexachloroethane	2	0.243	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.243	U	
78-59-1	Isophorone	2	0.243	U	
91-20-3	Naphthalene	2	0.243	U	
98-95-3	Nitrobenzene	2	0.243	U	
62-75-9	N-Nitrosodimethylamine	2	0.243	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.243	U	
86-30-6	N-Nitrosodiphenylamine	2	0.243	U	UJ
87-86-5	Pentachlorophenol	2	0.243	U	UJ
85-01-8	Phenanthrene	2	0.148	JD	
108-95-2	Phenol	2	0.243	U	
129-00-0	Pyrene	2	0.266	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	4.86	3.40	70.0	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-04	File ID:	E20019367.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:03	Analyzed:	03/20/24 18:24
Solids:	34.18	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41357	Sequence:	S4C2237	Calibration:	SA40031
Instrument:	BNA#2				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	4.86	3.18	65.4	23 - 114	
SURR: Nitrobenzene-d5	2.43	1.45	59.7	22 - 108	
SURR: 2-Fluorobiphenyl	2.43	1.48	60.7	21 - 113	
SURR: 2,4,6-Tribromophenol	4.86	5.33	110	19 - 110	
SURR: Terphenyl-d14	2.43	1.81	74.6	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	298937	5.82	263487	5.821	
ISTD: Naphthalene-d8	1353235	6.746	1168159	6.746	
ISTD: Acenaphthene-d10	896990	8.425	690244	8.421	
ISTD: Phenanthrene-d10	1722535	10.584	1296266	10.58	
ISTD: Chrysene-d12	1555260	16.169	1140622	16.16	
ISTD: Perylene-d12	1593861	19.305	1264360	19.291	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: E20019368.D

Sampled: 03/18/24 15:35 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 18:57

Solids: 68.95 Preparation: EPA 3550C Initial/Final: 15.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.240	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.480	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.240	U	
95-50-1	1,2-Dichlorobenzene	2	0.240	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.240	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.240	U	
106-46-7	1,4-Dichlorobenzene	2	0.240	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.480	U	
95-95-4	2,4,5-Trichlorophenol	2	0.240	U	
88-06-2	2,4,6-Trichlorophenol	2	0.240	U	
120-83-2	2,4-Dichlorophenol	2	0.240	U	
105-67-9	2,4-Dimethylphenol	2	0.240	U	
51-28-5	2,4-Dinitrophenol	2	0.480	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.240	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.240	U	UJ
91-58-7	2-Chloronaphthalene	2	0.240	U	
95-57-8	2-Chlorophenol	2	0.240	U	
91-57-6	2-Methylnaphthalene	2	0.240	U	
95-48-7	2-Methylphenol	2	0.240	U	
88-74-4	2-Nitroaniline	2	0.480	U	
88-75-5	2-Nitrophenol	2	0.240	U	
65794-96-9	3- & 4-Methylphenols	2	0.240	U	
91-94-1	3,3-Dichlorobenzidine	2	0.240	U	
99-09-2	3-Nitroaniline	2	0.480	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.480	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.240	U	
59-50-7	4-Chloro-3-methylphenol	2	0.240	U	
106-47-8	4-Chloroaniline	2	0.240	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.240	U	
100-01-6	4-Nitroaniline	2	0.480	U	
100-02-7	4-Nitrophenol	2	0.480	U	
83-32-9	Acenaphthene	2	0.240	U	
208-96-8	Acenaphthylene	2	0.240	U	
98-86-2	Acetophenone	2	0.240	U	
62-53-3	Aniline	2	0.962	U	
120-12-7	Anthracene	2	0.240	U	
1912-24-9	Atrazine	2	0.240	U	
100-52-7	Benzaldehyde	2	0.240	U	
92-87-5	Benzidine	2	0.962	U	
56-55-3	Benzo(a)anthracene	2	0.240	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: E20019368.D

Sampled: 03/18/24 15:35 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 18:57

Solids: 68.95 Preparation: EPA 3550C Initial/Final: 15.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.240	U	
205-99-2	Benzo(b)fluoranthene	2	0.240	U	
191-24-2	Benzo(g,h,i)perylene	2	0.240	U	UJ
207-08-9	Benzo(k)fluoranthene	2	0.240	U	
65-85-0	Benzoic acid	2	0.240	U	UJ
100-51-6	Benzyl alcohol	2	0.240	U	
85-68-7	Benzyl butyl phthalate	2	0.240	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.240	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.240	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.240	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.240	U	
105-60-2	Caprolactam	2	0.480	U	
86-74-8	Carbazole	2	0.240	U	
218-01-9	Chrysene	2	0.240	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.240	U	UJ
132-64-9	Dibenzofuran	2	0.240	U	
84-66-2	Diethyl phthalate	2	0.240	U	
131-11-3	Dimethyl phthalate	2	0.240	U	
84-74-2	Di-n-butyl phthalate	2	0.240	U	
117-84-0	Di-n-octyl phthalate	2	0.240	U	
206-44-0	Fluoranthene	2	0.240	U	
86-73-7	Fluorene	2	0.240	U	
118-74-1	Hexachlorobenzene	2	0.240	U	UJ
87-68-3	Hexachlorobutadiene	2	0.240	U	
77-47-4	Hexachlorocyclopentadiene	2	0.240	U	UJ
67-72-1	Hexachloroethane	2	0.240	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.240	U	
78-59-1	Isophorone	2	0.240	U	
91-20-3	Naphthalene	2	0.240	U	
98-95-3	Nitrobenzene	2	0.240	U	
62-75-9	N-Nitrosodimethylamine	2	0.240	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.240	U	
86-30-6	N-Nitrosodiphenylamine	2	0.240	U	UJ
87-86-5	Pentachlorophenol	2	0.240	U	UJ
85-01-8	Phenanthrene	2	0.240	U	
108-95-2	Phenol	2	0.240	U	
129-00-0	Pyrene	2	0.240	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	4.80	3.56	74.2	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: E20019368.D

Sampled: 03/18/24 15:35 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 18:57

Solids: 68.95 Preparation: EPA 3550C Initial/Final: 15.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	4.80	3.39	70.7	23 - 114	
SURR: Nitrobenzene-d5	2.40	1.48	61.7	22 - 108	
SURR: 2-Fluorobiphenyl	2.40	1.63	68.0	21 - 113	
SURR: 2,4,6-Tribromophenol	4.80	5.19	108	19 - 110	
SURR: Terphenyl-d14	2.40	1.85	77.0	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	299024	5.82	263487	5.821	
ISTD: Naphthalene-d8	1337920	6.746	1168159	6.746	
ISTD: Acenaphthene-d10	877447	8.425	690244	8.421	
ISTD: Phenanthrene-d10	1623432	10.584	1296266	10.58	
ISTD: Chrysene-d12	1478818	16.164	1140622	16.16	
ISTD: Perylene-d12	1480338	19.305	1264360	19.291	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: E20019369.D

Sampled: 03/18/24 13:05 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 19:30

Solids: 68.83 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.121	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.241	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.121	U	
95-50-1	1,2-Dichlorobenzene	2	0.121	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.121	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.121	U	
106-46-7	1,4-Dichlorobenzene	2	0.121	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.241	U	
95-95-4	2,4,5-Trichlorophenol	2	0.121	U	
88-06-2	2,4,6-Trichlorophenol	2	0.121	U	
120-83-2	2,4-Dichlorophenol	2	0.121	U	
105-67-9	2,4-Dimethylphenol	2	0.121	U	
51-28-5	2,4-Dinitrophenol	2	0.241	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.121	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.121	U	UJ
91-58-7	2-Chloronaphthalene	2	0.121	U	
95-57-8	2-Chlorophenol	2	0.121	U	
91-57-6	2-Methylnaphthalene	2	0.121	U	
95-48-7	2-Methylphenol	2	0.121	U	
88-74-4	2-Nitroaniline	2	0.241	U	
88-75-5	2-Nitrophenol	2	0.121	U	
65794-96-9	3- & 4-Methylphenols	2	0.121	U	
91-94-1	3,3-Dichlorobenzidine	2	0.121	U	
99-09-2	3-Nitroaniline	2	0.241	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.241	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.121	U	
59-50-7	4-Chloro-3-methylphenol	2	0.121	U	
106-47-8	4-Chloroaniline	2	0.121	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.121	U	
100-01-6	4-Nitroaniline	2	0.241	U	
100-02-7	4-Nitrophenol	2	0.241	U	
83-32-9	Acenaphthene	2	0.121	U	
208-96-8	Acenaphthylene	2	0.121	U	
98-86-2	Acetophenone	2	0.121	U	
62-53-3	Aniline	2	0.484	U	
120-12-7	Anthracene	2	0.138	D	
1912-24-9	Atrazine	2	0.121	U	
100-52-7	Benzaldehyde	2	0.121	U	
92-87-5	Benzidine	2	0.484	U	
56-55-3	Benzo(a)anthracene	2	0.886	D	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-06 | File ID: E20019369.D

Sampled: 03/18/24 13:05 | Prepared: 03/19/24 14:03 | Analyzed: 03/20/24 19:30

Solids: 68.83 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 1 mL

Batch: BC41357 | Sequence: S4C2237 | Calibration: SA40031 | Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	1.05	D	
205-99-2	Benzo(b)fluoranthene	2	1.14	D	
191-24-2	Benzo(g,h,i)perylene	2	0.876	D	J
207-08-9	Benzo(k)fluoranthene	2	0.874	D	
65-85-0	Benzoic acid	2	0.121	U	UJ
100-51-6	Benzyl alcohol	2	0.121	U	
85-68-7	Benzyl butyl phthalate	2	0.121	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.121	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.121	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.121	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.121	U	
105-60-2	Caprolactam	2	0.241	U	
86-74-8	Carbazole	2	0.120	JD	
218-01-9	Chrysene	2	1.15	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.121	U	UJ
132-64-9	Dibenzofuran	2	0.121	U	
84-66-2	Diethyl phthalate	2	0.121	U	
131-11-3	Dimethyl phthalate	2	0.121	U	
84-74-2	Di-n-butyl phthalate	2	0.121	U	
117-84-0	Di-n-octyl phthalate	2	0.121	U	
206-44-0	Fluoranthene	2	2.37	D	
86-73-7	Fluorene	2	0.121	U	
118-74-1	Hexachlorobenzene	2	0.121	U	UJ
87-68-3	Hexachlorobutadiene	2	0.121	U	
77-47-4	Hexachlorocyclopentadiene	2	0.121	U	UJ
67-72-1	Hexachloroethane	2	0.121	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.746	D	
78-59-1	Isophorone	2	0.121	U	
91-20-3	Naphthalene	2	0.121	U	
98-95-3	Nitrobenzene	2	0.121	U	
62-75-9	N-Nitrosodimethylamine	2	0.121	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.121	U	
86-30-6	N-Nitrosodiphenylamine	2	0.121	U	UJ
87-86-5	Pentachlorophenol	2	0.121	U	UJ
85-01-8	Phenanthrene	2	1.16	D	
108-95-2	Phenol	2	0.121	U	
129-00-0	Pyrene	2	1.98	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.41	1.84	76.4	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: E20019369.D

Sampled: 03/18/24 13:05 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 19:30

Solids: 68.83 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	2.41	1.76	73.0	23 - 114	
SURR: Nitrobenzene-d5	1.21	0.763	63.2	22 - 108	
SURR: 2-Fluorobiphenyl	1.21	0.808	67.0	21 - 113	
SURR: 2,4,6-Tribromophenol	2.41	2.47	102	19 - 110	
SURR: Terphenyl-d14	1.21	0.939	77.8	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	309978	5.821	263487	5.821	
ISTD: Naphthalene-d8	1411350	6.746	1168159	6.746	
ISTD: Acenaphthene-d10	931934	8.425	690244	8.421	
ISTD: Phenanthrene-d10	1779170	10.584	1296266	10.58	
ISTD: Chrysene-d12	1397830	16.169	1140622	16.16	
ISTD: Perylene-d12	1361921	19.31	1264360	19.291	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-07 | File ID: SV302169.D

Sampled: 03/18/24 13:00 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 17:05

Solids: | Preparation: EPA 3510C | Initial/Final: 990 mL / 1 mL

Batch: BC41513 | Sequence: S4C2242 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.05	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.05	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.05	U	
95-95-4	2,4,5-Trichlorophenol	1	5.05	U	
88-06-2	2,4,6-Trichlorophenol	1	5.05	U	
120-83-2	2,4-Dichlorophenol	1	5.05	U	
105-67-9	2,4-Dimethylphenol	1	5.05	U	UJ
51-28-5	2,4-Dinitrophenol	1	5.05	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.05	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.05	U	UJ
91-58-7	2-Chloronaphthalene	1	5.05	U	
95-57-8	2-Chlorophenol	1	5.05	U	
91-57-6	2-Methylnaphthalene	1	5.05	U	
95-48-7	2-Methylphenol	1	5.05	U	
88-74-4	2-Nitroaniline	1	5.05	U	UJ
88-75-5	2-Nitrophenol	1	5.05	U	
65794-96-9	3- & 4-Methylphenols	1	5.05	U	
91-94-1	3,3-Dichlorobenzidine	1	5.05	U	UJ
99-09-2	3-Nitroaniline	1	5.05	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.05	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.05	U	
59-50-7	4-Chloro-3-methylphenol	1	5.05	U	
106-47-8	4-Chloroaniline	1	5.05	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.05	U	
100-01-6	4-Nitroaniline	1	5.05	U	UJ
100-02-7	4-Nitrophenol	1	5.05	U	
98-86-2	Acetophenone	1	5.05	U	
100-52-7	Benzaldehyde	1	5.05	U	
85-68-7	Benzyl butyl phthalate	1	5.05	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.05	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.05	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.05	U	
105-60-2	Caprolactam	1	5.05	U	
86-74-8	Carbazole	1	5.05	U	
132-64-9	Dibenzofuran	1	5.05	U	
84-66-2	Diethyl phthalate	1	5.05	U	
131-11-3	Dimethyl phthalate	1	5.05	U	
84-74-2	Di-n-butyl phthalate	1	5.05	U	
117-84-0	Di-n-octyl phthalate	1	5.05	U	
77-47-4	Hexachlorocyclopentadiene	1	10.1	U	UJ

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-07 | File ID: SV302169.D

Sampled: 03/18/24 13:00 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 17:05

Solids: | Preparation: EPA 3510C | Initial/Final: 990 mL / 1 mL

Batch: BC41513 | Sequence: S4C2242 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.05	U
621-64-7	N-nitroso-di-n-propylamine	1	5.05	U
86-30-6	N-Nitrosodiphenylamine	1	5.05	U
108-95-2	Phenol	1	5.05	U
2312-35-8	Propargite	1	5.05	U
110-86-1	Pyridine	1	5.05	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	50.5	16.4	32.5	19.7 - 63.1	
SURR: Phenol-d6	50.5	9.49	18.8	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.3	20.5	81.0	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.3	17.8	70.5	39.9 - 105	
SURR: 2,4,6-Tribromophenol	50.5	49.7	98.3	39.3 - 151	
SURR: Terphenyl-d14	25.3	20.4	80.9	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	8566656	5.806	7007302	5.806	
ISTD: Naphthalene-d8	35909980	6.729	31278720	6.729	
ISTD: Acenaphthene-d10	22046220	8.401	17061910	8.401	
ISTD: Phenanthrene-d10	41433420	10.547	31467060	10.548	
ISTD: Chrysene-d12	40742040	16.097	33363710	16.098	
ISTD: Perylene-d12	49023900	19.22	38026710	19.218	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-08 | File ID: SV302170.D

Sampled: 03/18/24 11:00 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 17:39

Solids: | Preparation: EPA 3510C | Initial/Final: 955 mL / 1 mL

Batch: BC41513 | Sequence: S4C2242 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.24	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.24	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.24	U	
95-95-4	2,4,5-Trichlorophenol	1	5.24	U	
88-06-2	2,4,6-Trichlorophenol	1	5.24	U	
120-83-2	2,4-Dichlorophenol	1	5.24	U	
105-67-9	2,4-Dimethylphenol	1	5.24	U	UJ
51-28-5	2,4-Dinitrophenol	1	5.24	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.24	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.24	U	UJ
91-58-7	2-Chloronaphthalene	1	5.24	U	
95-57-8	2-Chlorophenol	1	5.24	U	
91-57-6	2-Methylnaphthalene	1	5.24	U	
95-48-7	2-Methylphenol	1	5.24	U	
88-74-4	2-Nitroaniline	1	5.24	U	UJ
88-75-5	2-Nitrophenol	1	5.24	U	
65794-96-9	3- & 4-Methylphenols	1	5.24	U	
91-94-1	3,3-Dichlorobenzidine	1	5.24	U	UJ
99-09-2	3-Nitroaniline	1	5.24	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.24	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.24	U	
59-50-7	4-Chloro-3-methylphenol	1	5.24	U	
106-47-8	4-Chloroaniline	1	5.24	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.24	U	
100-01-6	4-Nitroaniline	1	5.24	U	UJ
100-02-7	4-Nitrophenol	1	5.24	U	
98-86-2	Acetophenone	1	5.24	U	
100-52-7	Benzaldehyde	1	5.24	U	
85-68-7	Benzyl butyl phthalate	1	5.24	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.24	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.24	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.24	U	
105-60-2	Caprolactam	1	5.24	U	
86-74-8	Carbazole	1	5.24	U	
132-64-9	Dibenzofuran	1	5.24	U	
84-66-2	Diethyl phthalate	1	5.24	U	
131-11-3	Dimethyl phthalate	1	5.24	U	
84-74-2	Di-n-butyl phthalate	1	5.24	U	
117-84-0	Di-n-octyl phthalate	1	5.24	U	
77-47-4	Hexachlorocyclopentadiene	1	10.5	U	UJ

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-08 | File ID: SV302170.D

Sampled: 03/18/24 11:00 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 17:39

Solids: | Preparation: EPA 3510C | Initial/Final: 955 mL / 1 mL

Batch: BC41513 | Sequence: S4C2242 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.24	U
621-64-7	N-nitroso-di-n-propylamine	1	5.24	U
86-30-6	N-Nitrosodiphenylamine	1	5.24	U
108-95-2	Phenol	1	5.24	U
2312-35-8	Propargite	1	5.24	U
110-86-1	Pyridine	1	5.24	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	52.4	20.4	39.0	19.7 - 63.1	
SURR: Phenol-d6	52.4	11.6	22.1	10.1 - 41.7	
SURR: Nitrobenzene-d5	26.2	20.5	78.1	50.2 - 113	
SURR: 2-Fluorobiphenyl	26.2	18.0	68.9	39.9 - 105	
SURR: 2,4,6-Tribromophenol	52.4	47.4	90.6	39.3 - 151	
SURR: Terphenyl-d14	26.2	21.1	80.6	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	8805388	5.806	7007302	5.806	
ISTD: Naphthalene-d8	34254790	6.728	31278720	6.729	
ISTD: Acenaphthene-d10	20316400	8.401	17061910	8.401	
ISTD: Phenanthrene-d10	37310400	10.544	31467060	10.548	
ISTD: Chrysene-d12	36033780	16.093	33363710	16.098	
ISTD: Perylene-d12	44018670	19.215	38026710	19.218	

* Values outside of QC limits

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-09 | File ID: SV302171.D

Sampled: 03/18/24 10:30 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 18:13

Solids: | Preparation: EPA 3510C | Initial/Final: 950 mL / 1 mL

Batch: BC41513 | Sequence: S4C2242 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.26	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.26	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.26	U	
95-95-4	2,4,5-Trichlorophenol	1	5.26	U	
88-06-2	2,4,6-Trichlorophenol	1	5.26	U	
120-83-2	2,4-Dichlorophenol	1	5.26	U	
105-67-9	2,4-Dimethylphenol	1	5.26	U	UJ
51-28-5	2,4-Dinitrophenol	1	5.26	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.26	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.26	U	UJ
91-58-7	2-Chloronaphthalene	1	5.26	U	
95-57-8	2-Chlorophenol	1	5.26	U	
91-57-6	2-Methylnaphthalene	1	5.26	U	
95-48-7	2-Methylphenol	1	5.26	U	
88-74-4	2-Nitroaniline	1	5.26	U	UJ
88-75-5	2-Nitrophenol	1	5.26	U	
65794-96-9	3- & 4-Methylphenols	1	5.26	U	
91-94-1	3,3-Dichlorobenzidine	1	5.26	U	UJ
99-09-2	3-Nitroaniline	1	5.26	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.26	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.26	U	
59-50-7	4-Chloro-3-methylphenol	1	5.26	U	
106-47-8	4-Chloroaniline	1	5.26	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.26	U	
100-01-6	4-Nitroaniline	1	5.26	U	UJ
100-02-7	4-Nitrophenol	1	5.26	U	
98-86-2	Acetophenone	1	5.26	U	
100-52-7	Benzaldehyde	1	5.26	U	
85-68-7	Benzyl butyl phthalate	1	5.26	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.26	U	
111-44-4	Bis(2-chloroethyl)ether	1	5.26	U	
108-60-1	Bis(2-chloroisopropyl)ether	1	5.26	U	
105-60-2	Caprolactam	1	5.26	U	
86-74-8	Carbazole	1	5.26	U	
132-64-9	Dibenzofuran	1	5.26	U	
84-66-2	Diethyl phthalate	1	5.26	U	
131-11-3	Dimethyl phthalate	1	5.26	U	
84-74-2	Di-n-butyl phthalate	1	5.26	U	
117-84-0	Di-n-octyl phthalate	1	5.26	U	
77-47-4	Hexachlorocyclopentadiene	1	10.5	U	UJ

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SWS-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-09	File ID:	SV302171.D
Sampled:	03/18/24 10:30	Prepared:	03/21/24 08:46	Analyzed:	03/22/24 18:13
Solids:		Preparation:	EPA 3510C	Initial/Final:	950 mL / 1 mL
Batch:	BC41513	Sequence:	S4C2242	Calibration:	SC40028
Instrument:	BNA #3				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
78-59-1	Isophorone	1	5.26	U	
621-64-7	N-nitroso-di-n-propylamine	1	5.26	U	
86-30-6	N-Nitrosodiphenylamine	1	5.26	U	
108-95-2	Phenol	1	5.26	U	
2312-35-8	Propargite	1	5.26	U	
110-86-1	Pyridine	1	5.26	U	UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	52.6	19.8	37.6	19.7 - 63.1	
SURR: Phenol-d6	52.6	11.5	21.9	10.1 - 41.7	
SURR: Nitrobenzene-d5	26.3	19.9	75.4	50.2 - 113	
SURR: 2-Fluorobiphenyl	26.3	17.4	66.3	39.9 - 105	
SURR: 2,4,6-Tribromophenol	52.6	46.9	89.1	39.3 - 151	
SURR: Terphenyl-d14	26.3	20.2	76.7	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	8679371	5.806	7007302	5.806	
ISTD: Naphthalene-d8	35250950	6.727	31278720	6.729	
ISTD: Acenaphthene-d10	21290920	8.399	17061910	8.401	
ISTD: Phenanthrene-d10	39578830	10.543	31467060	10.548	
ISTD: Chrysene-d12	38807180	16.093	33363710	16.098	
ISTD: Perylene-d12	47463570	19.215	38026710	19.218	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 12B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-11 File ID: E20019370.D

Sampled: 03/18/24 10:45 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 20:03

Solids: 78.26 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.106	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.212	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.106	U	
95-50-1	1,2-Dichlorobenzene	2	0.106	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.106	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.106	U	
106-46-7	1,4-Dichlorobenzene	2	0.106	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.212	U	
95-95-4	2,4,5-Trichlorophenol	2	0.106	U	
88-06-2	2,4,6-Trichlorophenol	2	0.106	U	
120-83-2	2,4-Dichlorophenol	2	0.106	U	
105-67-9	2,4-Dimethylphenol	2	0.106	U	
51-28-5	2,4-Dinitrophenol	2	0.212	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.106	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.106	U	UJ
91-58-7	2-Chloronaphthalene	2	0.106	U	
95-57-8	2-Chlorophenol	2	0.106	U	
91-57-6	2-Methylnaphthalene	2	0.106	U	
95-48-7	2-Methylphenol	2	0.106	U	
88-74-4	2-Nitroaniline	2	0.212	U	
88-75-5	2-Nitrophenol	2	0.106	U	
65794-96-9	3- & 4-Methylphenols	2	0.106	U	
91-94-1	3,3-Dichlorobenzidine	2	0.106	U	
99-09-2	3-Nitroaniline	2	0.212	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.212	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.106	U	
59-50-7	4-Chloro-3-methylphenol	2	0.106	U	
106-47-8	4-Chloroaniline	2	0.106	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.106	U	
100-01-6	4-Nitroaniline	2	0.212	U	
100-02-7	4-Nitrophenol	2	0.212	U	
83-32-9	Acenaphthene	2	0.106	U	
208-96-8	Acenaphthylene	2	0.106	U	
98-86-2	Acetophenone	2	0.106	U	
62-53-3	Aniline	2	0.425	U	
120-12-7	Anthracene	2	0.106	U	
1912-24-9	Atrazine	2	0.106	U	
100-52-7	Benzaldehyde	2	0.106	U	
92-87-5	Benzidine	2	0.425	U	
56-55-3	Benzo(a)anthracene	2	0.106	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 12B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-11 File ID: E20019370.D

Sampled: 03/18/24 10:45 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 20:03

Solids: 78.26 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.106	U	
205-99-2	Benzo(b)fluoranthene	2	0.106	U	
191-24-2	Benzo(g,h,i)perylene	2	0.106	U	UJ
207-08-9	Benzo(k)fluoranthene	2	0.106	U	
65-85-0	Benzoic acid	2	0.106	U	UJ
100-51-6	Benzyl alcohol	2	0.106	U	
85-68-7	Benzyl butyl phthalate	2	0.106	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.106	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.106	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.106	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.305	D	
105-60-2	Caprolactam	2	0.212	U	
86-74-8	Carbazole	2	0.106	U	
218-01-9	Chrysene	2	0.106	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.106	U	UJ
132-64-9	Dibenzofuran	2	0.106	U	
84-66-2	Diethyl phthalate	2	0.106	U	
131-11-3	Dimethyl phthalate	2	0.106	U	
84-74-2	Di-n-butyl phthalate	2	0.106	U	
117-84-0	Di-n-octyl phthalate	2	0.106	U	
206-44-0	Fluoranthene	2	0.106	U	
86-73-7	Fluorene	2	0.106	U	
118-74-1	Hexachlorobenzene	2	0.106	U	UJ
87-68-3	Hexachlorobutadiene	2	0.106	U	
77-47-4	Hexachlorocyclopentadiene	2	0.106	U	UJ
67-72-1	Hexachloroethane	2	0.106	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.106	U	
78-59-1	Isophorone	2	0.106	U	
91-20-3	Naphthalene	2	0.106	U	
98-95-3	Nitrobenzene	2	0.106	U	
62-75-9	N-Nitrosodimethylamine	2	0.106	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.106	U	
86-30-6	N-Nitrosodiphenylamine	2	0.106	U	UJ
87-86-5	Pentachlorophenol	2	0.106	U	UJ
85-01-8	Phenanthrene	2	0.106	U	
108-95-2	Phenol	2	0.106	U	
129-00-0	Pyrene	2	0.106	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.12	1.63	76.6	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 12B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-11 File ID: E20019370.D

Sampled: 03/18/24 10:45 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 20:03

Solids: 78.26 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	2.12	1.49	70.2	23 - 114	
SURR: Nitrobenzene-d5	1.06	0.655	61.7	22 - 108	
SURR: 2-Fluorobiphenyl	1.06	0.732	69.0	21 - 113	
SURR: 2,4,6-Tribromophenol	2.12	2.30	108	19 - 110	
SURR: Terphenyl-d14	1.06	0.869	81.8	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	292132	5.82	263487	5.821	
ISTD: Naphthalene-d8	1301041	6.746	1168159	6.746	
ISTD: Acenaphthene-d10	843217	8.425	690244	8.421	
ISTD: Phenanthrene-d10	1589965	10.584	1296266	10.58	
ISTD: Chrysene-d12	1287723	16.169	1140622	16.16	
ISTD: Perylene-d12	1274577	19.305	1264360	19.291	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 13A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-12 File ID: E20019371.D

Sampled: 03/18/24 09:36 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 20:36

Solids: 88.33 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0941	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.188	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0941	U	
95-50-1	1,2-Dichlorobenzene	2	0.0941	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0941	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.0941	U	
106-46-7	1,4-Dichlorobenzene	2	0.0941	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.188	U	
95-95-4	2,4,5-Trichlorophenol	2	0.0941	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0941	U	
120-83-2	2,4-Dichlorophenol	2	0.0941	U	
105-67-9	2,4-Dimethylphenol	2	0.0941	U	
51-28-5	2,4-Dinitrophenol	2	0.188	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.0941	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0941	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0941	U	
95-57-8	2-Chlorophenol	2	0.0941	U	
91-57-6	2-Methylnaphthalene	2	0.0941	U	
95-48-7	2-Methylphenol	2	0.0941	U	
88-74-4	2-Nitroaniline	2	0.188	U	
88-75-5	2-Nitrophenol	2	0.0941	U	
65794-96-9	3- & 4-Methylphenols	2	0.0941	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0941	U	
99-09-2	3-Nitroaniline	2	0.188	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.188	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0941	U	
59-50-7	4-Chloro-3-methylphenol	2	0.0941	U	
106-47-8	4-Chloroaniline	2	0.0941	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0941	U	
100-01-6	4-Nitroaniline	2	0.188	U	
100-02-7	4-Nitrophenol	2	0.188	U	
83-32-9	Acenaphthene	2	0.0941	U	
208-96-8	Acenaphthylene	2	0.0941	U	
98-86-2	Acetophenone	2	0.0941	U	
62-53-3	Aniline	2	0.377	U	
120-12-7	Anthracene	2	0.0941	U	
1912-24-9	Atrazine	2	0.0941	U	
100-52-7	Benzaldehyde	2	0.0941	U	
92-87-5	Benzidine	2	0.377	U	
56-55-3	Benzo(a)anthracene	2	0.0941	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 13A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-12 File ID: E20019371.D

Sampled: 03/18/24 09:36 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 20:36

Solids: 88.33 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.0941	U	
205-99-2	Benzo(b)fluoranthene	2	0.0941	U	
191-24-2	Benzo(g,h,i)perylene	2	0.0941	U	UJ
207-08-9	Benzo(k)fluoranthene	2	0.0941	U	
65-85-0	Benzoic acid	2	0.0941	U	UJ
100-51-6	Benzyl alcohol	2	0.0941	U	
85-68-7	Benzyl butyl phthalate	2	0.0941	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.0941	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0941	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0941	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0941	U	
105-60-2	Caprolactam	2	0.188	U	
86-74-8	Carbazole	2	0.0941	U	
218-01-9	Chrysene	2	0.0941	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.0941	U	UJ
132-64-9	Dibenzofuran	2	0.0941	U	
84-66-2	Diethyl phthalate	2	0.0941	U	
131-11-3	Dimethyl phthalate	2	0.0941	U	
84-74-2	Di-n-butyl phthalate	2	0.0941	U	
117-84-0	Di-n-octyl phthalate	2	0.0941	U	
206-44-0	Fluoranthene	2	0.0941	U	
86-73-7	Fluorene	2	0.0941	U	
118-74-1	Hexachlorobenzene	2	0.0941	U	UJ
87-68-3	Hexachlorobutadiene	2	0.0941	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0941	U	UJ
67-72-1	Hexachloroethane	2	0.0941	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0941	U	
78-59-1	Isophorone	2	0.0941	U	
91-20-3	Naphthalene	2	0.0941	U	
98-95-3	Nitrobenzene	2	0.0941	U	
62-75-9	N-Nitrosodimethylamine	2	0.0941	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0941	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0941	U	UJ
87-86-5	Pentachlorophenol	2	0.0941	U	UJ
85-01-8	Phenanthrene	2	0.0941	U	
108-95-2	Phenol	2	0.0941	U	
129-00-0	Pyrene	2	0.0941	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.88	1.67	89.0	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 13A

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-12	File ID:	E20019371.D
Sampled:	03/18/24 09:36	Prepared:	03/19/24 14:03	Analyzed:	03/20/24 20:36
Solids:	88.33	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41357	Sequence:	S4C2237	Calibration:	SA40031
Instrument:	BNA#2				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.88	1.62	85.9	23 - 114	
SURR: Nitrobenzene-d5	0.940	0.675	71.8	22 - 108	
SURR: 2-Fluorobiphenyl	0.940	0.747	79.4	21 - 113	
SURR: 2,4,6-Tribromophenol	1.88	2.31	123	19 - 110	*
SURR: Terphenyl-d14	0.940	0.876	93.2	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	270739	5.82	263487	5.821	
ISTD: Naphthalene-d8	1241565	6.746	1168159	6.746	
ISTD: Acenaphthene-d10	841229	8.425	690244	8.421	
ISTD: Phenanthrene-d10	1660702	10.584	1296266	10.58	
ISTD: Chrysene-d12	1392812	16.169	1140622	16.16	
ISTD: Perylene-d12	1366860	19.305	1264360	19.291	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 13B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-13 File ID: E20019372.D

Sampled: 03/18/24 09:47 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 21:10

Solids: 71.98 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.115	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.231	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.115	U	
95-50-1	1,2-Dichlorobenzene	2	0.115	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.115	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.115	U	
106-46-7	1,4-Dichlorobenzene	2	0.115	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.231	U	
95-95-4	2,4,5-Trichlorophenol	2	0.115	U	
88-06-2	2,4,6-Trichlorophenol	2	0.115	U	
120-83-2	2,4-Dichlorophenol	2	0.115	U	
105-67-9	2,4-Dimethylphenol	2	0.115	U	
51-28-5	2,4-Dinitrophenol	2	0.231	U	UJ
121-14-2	2,4-Dinitrotoluene	2	0.115	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.115	U	UJ
91-58-7	2-Chloronaphthalene	2	0.115	U	
95-57-8	2-Chlorophenol	2	0.115	U	
91-57-6	2-Methylnaphthalene	2	0.115	U	
95-48-7	2-Methylphenol	2	0.115	U	
88-74-4	2-Nitroaniline	2	0.231	U	
88-75-5	2-Nitrophenol	2	0.115	U	
65794-96-9	3- & 4-Methylphenols	2	0.115	U	
91-94-1	3,3-Dichlorobenzidine	2	0.115	U	
99-09-2	3-Nitroaniline	2	0.231	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.231	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.115	U	
59-50-7	4-Chloro-3-methylphenol	2	0.115	U	
106-47-8	4-Chloroaniline	2	0.115	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.115	U	
100-01-6	4-Nitroaniline	2	0.231	U	
100-02-7	4-Nitrophenol	2	0.231	U	
83-32-9	Acenaphthene	2	0.115	U	
208-96-8	Acenaphthylene	2	0.115	U	
98-86-2	Acetophenone	2	0.115	U	
62-53-3	Aniline	2	0.462	U	
120-12-7	Anthracene	2	0.115	U	
1912-24-9	Atrazine	2	0.115	U	
100-52-7	Benzaldehyde	2	0.115	U	
92-87-5	Benzidine	2	0.462	U	
56-55-3	Benzo(a)anthracene	2	0.115	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 13B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-13 File ID: E20019372.D

Sampled: 03/18/24 09:47 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 21:10

Solids: 71.98 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2237 Calibration: SA40031 Instrument: BNA#2

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.115	U	
205-99-2	Benzo(b)fluoranthene	2	0.115	U	
191-24-2	Benzo(g,h,i)perylene	2	0.115	U	UJ
207-08-9	Benzo(k)fluoranthene	2	0.115	U	
65-85-0	Benzoic acid	2	0.115	U	UJ
100-51-6	Benzyl alcohol	2	0.115	U	
85-68-7	Benzyl butyl phthalate	2	0.115	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.115	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.115	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.115	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.115	U	
105-60-2	Caprolactam	2	0.231	U	
86-74-8	Carbazole	2	0.115	U	
218-01-9	Chrysene	2	0.115	U	
53-70-3	Dibenzo(a,h)anthracene	2	0.115	U	UJ
132-64-9	Dibenzofuran	2	0.115	U	
84-66-2	Diethyl phthalate	2	0.115	U	
131-11-3	Dimethyl phthalate	2	0.115	U	
84-74-2	Di-n-butyl phthalate	2	0.115	U	
117-84-0	Di-n-octyl phthalate	2	0.115	U	
206-44-0	Fluoranthene	2	0.115	U	
86-73-7	Fluorene	2	0.115	U	
118-74-1	Hexachlorobenzene	2	0.115	U	UJ
87-68-3	Hexachlorobutadiene	2	0.115	U	
77-47-4	Hexachlorocyclopentadiene	2	0.115	U	UJ
67-72-1	Hexachloroethane	2	0.115	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.115	U	
78-59-1	Isophorone	2	0.115	U	
91-20-3	Naphthalene	2	0.115	U	
98-95-3	Nitrobenzene	2	0.115	U	
62-75-9	N-Nitrosodimethylamine	2	0.115	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.115	U	
86-30-6	N-Nitrosodiphenylamine	2	0.115	U	UJ
87-86-5	Pentachlorophenol	2	0.115	U	UJ
85-01-8	Phenanthrene	2	0.115	U	
108-95-2	Phenol	2	0.115	U	
129-00-0	Pyrene	2	0.115	U	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.31	1.78	77.0	20 - 108	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 13B

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-13	File ID:	E20019372.D
Sampled:	03/18/24 09:47	Prepared:	03/19/24 14:03	Analyzed:	03/20/24 21:10
Solids:	71.98	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41357	Sequence:	S4C2237	Calibration:	SA40031
Instrument:	BNA#2				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	2.31	1.67	72.3	23 - 114	
SURR: Nitrobenzene-d5	1.15	0.714	61.8	22 - 108	
SURR: 2-Fluorobiphenyl	1.15	0.803	69.6	21 - 113	
SURR: 2,4,6-Tribromophenol	2.31	2.60	113	19 - 110	*
SURR: Terphenyl-d14	1.15	0.942	81.7	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	317852	5.82	263487	5.821	
ISTD: Naphthalene-d8	1390265	6.746	1168159	6.746	
ISTD: Acenaphthene-d10	896327	8.425	690244	8.421	
ISTD: Phenanthrene-d10	1733561	10.584	1296266	10.58	
ISTD: Chrysene-d12	1445356	16.169	1140622	16.16	
ISTD: Perylene-d12	1478875	19.305	1264360	19.291	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID: E70353745.D

Sampled: 03/18/24 16:00 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 14:41

Solids: 83.38 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2141 Calibration: SB40030 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0997	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.199	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0997	U	
95-50-1	1,2-Dichlorobenzene	2	0.0997	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0997	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.0997	U	
106-46-7	1,4-Dichlorobenzene	2	0.0997	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.199	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.0997	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0997	U	
120-83-2	2,4-Dichlorophenol	2	0.0997	U	
105-67-9	2,4-Dimethylphenol	2	0.0997	U	
51-28-5	2,4-Dinitrophenol	2	~~0.199~~	U	R
121-14-2	2,4-Dinitrotoluene	2	0.0997	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0997	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0997	U	
95-57-8	2-Chlorophenol	2	0.0997	U	
91-57-6	2-Methylnaphthalene	2	0.0997	U	
95-48-7	2-Methylphenol	2	0.0997	U	
88-74-4	2-Nitroaniline	2	0.199	U	UJ
88-75-5	2-Nitrophenol	2	0.0997	U	
65794-96-9	3- & 4-Methylphenols	2	0.0997	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0997	U	
99-09-2	3-Nitroaniline	2	0.199	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.199	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0997	U	UJ
59-50-7	4-Chloro-3-methylphenol	2	0.0997	U	
106-47-8	4-Chloroaniline	2	0.0997	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0997	U	
100-01-6	4-Nitroaniline	2	0.199	U	
100-02-7	4-Nitrophenol	2	0.199	U	UJ
83-32-9	Acenaphthene	2	0.0997	U	
208-96-8	Acenaphthylene	2	0.0997	U	
98-86-2	Acetophenone	2	0.0997	U	
62-53-3	Aniline	2	0.399	U	
120-12-7	Anthracene	2	0.0997	U	
1912-24-9	Atrazine	2	0.0997	U	
100-52-7	Benzaldehyde	2	0.0997	U	
92-87-5	Benzidine	2	0.399	U	
56-55-3	Benzo(a)anthracene	2	0.255	D	

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EPA 8270D

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID: E70353745.D

Sampled: 03/18/24 16:00 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 14:41

Solids: 83.38 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2141 Calibration: SB40030 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.370	D	
205-99-2	Benzo(b)fluoranthene	2	0.376	D	
191-24-2	Benzo(g,h,i)perylene	2	0.346	D	
207-08-9	Benzo(k)fluoranthene	2	0.292	D	
65-85-0	Benzoic acid	2	0.326	D	J
100-51-6	Benzyl alcohol	2	0.0997	U	
85-68-7	Benzyl butyl phthalate	2	0.0997	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.0997	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0997	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0997	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.131	D	
105-60-2	Caprolactam	2	0.199	U	
86-74-8	Carbazole	2	0.0997	U	
218-01-9	Chrysene	2	0.313	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.0701	JD	
132-64-9	Dibenzofuran	2	0.0997	U	
84-66-2	Diethyl phthalate	2	0.0997	U	
131-11-3	Dimethyl phthalate	2	0.0997	U	
84-74-2	Di-n-butyl phthalate	2	0.0997	U	
117-84-0	Di-n-octyl phthalate	2	0.0997	U	UJ
206-44-0	Fluoranthene	2	0.482	D	
86-73-7	Fluorene	2	0.0997	U	
118-74-1	Hexachlorobenzene	2	0.0997	U	
87-68-3	Hexachlorobutadiene	2	0.0997	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0997	U	UJ
67-72-1	Hexachloroethane	2	0.0997	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.373	D	
78-59-1	Isophorone	2	0.0997	U	
91-20-3	Naphthalene	2	0.0997	U	
98-95-3	Nitrobenzene	2	0.0997	U	
62-75-9	N-Nitrosodimethylamine	2	0.0997	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0997	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0997	U	UJ
87-86-5	Pentachlorophenol	2	0.0997	U	UJ
85-01-8	Phenanthrene	2	0.184	D	
108-95-2	Phenol	2	0.0997	U	
129-00-0	Pyrene	2	0.557	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.99	1.37	68.9	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Soil | Laboratory ID: 24C1134-14 | File ID: E70353745.D

Sampled: 03/18/24 16:00 | Prepared: 03/19/24 14:03 | Analyzed: 03/20/24 14:41

Solids: 83.38 | Preparation: EPA 3550C | Initial/Final: 30.1 g / 1 mL

Batch: BC41357 | Sequence: S4C2141 | Calibration: SB40030 | Instrument: BNA #7

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.99	1.23	61.9	23 - 114	
SURR: Nitrobenzene-d5	0.996	0.780	78.3	22 - 108	
SURR: 2-Fluorobiphenyl	0.996	0.624	62.6	21 - 113	
SURR: 2,4,6-Tribromophenol	1.99	1.21	60.9	19 - 110	
SURR: Terphenyl-d14	0.996	0.681	68.4	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1047024	5.068	1040807	5.051	
ISTD: Naphthalene-d8	4211622	6.144	4702645	6.127	
ISTD: Acenaphthene-d10	2350659	7.89	2285826	7.866	
ISTD: Phenanthrene-d10	5151293	9.833	5253583	9.804	
ISTD: Chrysene-d12	3099715	14.604	4176874	14.563	
ISTD: Perylene-d12	3340861	17.646	3430782	17.594	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 14 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-15 File ID: E70353746.D

Sampled: 03/18/24 16:00 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 15:11

Solids: 84.10 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2141 Calibration: SB40030 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.0988	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.197	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.0988	U	
95-50-1	1,2-Dichlorobenzene	2	0.0988	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0988	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.0988	U	
106-46-7	1,4-Dichlorobenzene	2	0.0988	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.197	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.0988	U	
88-06-2	2,4,6-Trichlorophenol	2	0.0988	U	
120-83-2	2,4-Dichlorophenol	2	0.0988	U	
105-67-9	2,4-Dimethylphenol	2	0.0988	U	
51-28-5	2,4-Dinitrophenol	2	~~0.197~~	U	R
121-14-2	2,4-Dinitrotoluene	2	0.0988	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.0988	U	UJ
91-58-7	2-Chloronaphthalene	2	0.0988	U	
95-57-8	2-Chlorophenol	2	0.0988	U	
91-57-6	2-Methylnaphthalene	2	0.0988	U	
95-48-7	2-Methylphenol	2	0.0988	U	
88-74-4	2-Nitroaniline	2	0.197	U	UJ
88-75-5	2-Nitrophenol	2	0.0988	U	
65794-96-9	3- & 4-Methylphenols	2	0.0988	U	
91-94-1	3,3-Dichlorobenzidine	2	0.0988	U	
99-09-2	3-Nitroaniline	2	0.197	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.197	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.0988	U	UJ
59-50-7	4-Chloro-3-methylphenol	2	0.0988	U	
106-47-8	4-Chloroaniline	2	0.0988	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0988	U	
100-01-6	4-Nitroaniline	2	0.197	U	
100-02-7	4-Nitrophenol	2	0.197	U	UJ
83-32-9	Acenaphthene	2	0.0988	U	
208-96-8	Acenaphthylene	2	0.0988	U	
98-86-2	Acetophenone	2	0.0988	U	
62-53-3	Aniline	2	0.396	U	
120-12-7	Anthracene	2	0.0988	U	
1912-24-9	Atrazine	2	0.0988	U	
100-52-7	Benzaldehyde	2	0.0988	U	
92-87-5	Benzidine	2	0.396	U	
56-55-3	Benzo(a)anthracene	2	0.293	D	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	E70353746.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:03	Analyzed:	03/20/24 15:11
Solids:	84.10	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41357	Sequence:	S4C2141	Calibration:	SB40030
Instrument:	BNA #7				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.395	D	
205-99-2	Benzo(b)fluoranthene	2	0.415	D	
191-24-2	Benzo(g,h,i)perylene	2	0.347	D	
207-08-9	Benzo(k)fluoranthene	2	0.292	D	
65-85-0	Benzoic acid	2	0.388	D	J
100-51-6	Benzyl alcohol	2	0.0988	U	
85-68-7	Benzyl butyl phthalate	2	0.0988	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.0988	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.0988	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0988	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.165	D	
105-60-2	Caprolactam	2	0.197	U	
86-74-8	Carbazole	2	0.0988	U	
218-01-9	Chrysene	2	0.363	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.0727	JD	
132-64-9	Dibenzofuran	2	0.0988	U	
84-66-2	Diethyl phthalate	2	0.0988	U	
131-11-3	Dimethyl phthalate	2	0.0988	U	
84-74-2	Di-n-butyl phthalate	2	0.0988	U	
117-84-0	Di-n-octyl phthalate	2	0.0988	U	UJ
206-44-0	Fluoranthene	2	0.617	D	
86-73-7	Fluorene	2	0.0988	U	
118-74-1	Hexachlorobenzene	2	0.0988	U	
87-68-3	Hexachlorobutadiene	2	0.0988	U	
77-47-4	Hexachlorocyclopentadiene	2	0.0988	U	UJ
67-72-1	Hexachloroethane	2	0.0988	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.397	D	
78-59-1	Isophorone	2	0.0988	U	
91-20-3	Naphthalene	2	0.0988	U	
98-95-3	Nitrobenzene	2	0.0988	U	
62-75-9	N-Nitrosodimethylamine	2	0.0988	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.0988	U	
86-30-6	N-Nitrosodiphenylamine	2	0.0988	U	UJ
87-86-5	Pentachlorophenol	2	0.0988	U	UJ
85-01-8	Phenanthrene	2	0.246	D	
108-95-2	Phenol	2	0.0988	U	
129-00-0	Pyrene	2	0.742	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.98	1.69	85.8	20 - 108	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	E70353746.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:03	Analyzed:	03/20/24 15:11
Solids:	84.10	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41357	Sequence:	S4C2141	Calibration:	SB40030
Instrument:	BNA #7				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	1.98	1.54	77.7	23 - 114	
SURR: Nitrobenzene-d5	0.988	0.937	94.9	22 - 108	
SURR: 2-Fluorobiphenyl	0.988	0.713	72.2	21 - 113	
SURR: 2,4,6-Tribromophenol	1.98	1.46	73.8	19 - 110	
SURR: Terphenyl-d14	0.988	0.946	95.8	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	957430	5.056	1040807	5.051	
ISTD: Naphthalene-d8	4018407	6.127	4702645	6.127	
ISTD: Acenaphthene-d10	2326398	7.866	2285826	7.866	
ISTD: Phenanthrene-d10	5210515	9.809	5253583	9.804	
ISTD: Chrysene-d12	3068223	14.574	4176874	14.563	
ISTD: Perylene-d12	3033890	17.611	3430782	17.594	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID: E70353747.D

Sampled: 03/18/24 16:25 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 15:42

Solids: 80.50 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2141 Calibration: SB40030 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
92-52-4	1,1-Biphenyl	2	0.103	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.206	U	
120-82-1	1,2,4-Trichlorobenzene	2	0.103	U	
95-50-1	1,2-Dichlorobenzene	2	0.103	U	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.103	U	UJ
541-73-1	1,3-Dichlorobenzene	2	0.103	U	
106-46-7	1,4-Dichlorobenzene	2	0.103	U	
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.206	U	UJ
95-95-4	2,4,5-Trichlorophenol	2	0.103	U	
88-06-2	2,4,6-Trichlorophenol	2	0.103	U	
120-83-2	2,4-Dichlorophenol	2	0.103	U	
105-67-9	2,4-Dimethylphenol	2	0.103	U	
51-28-5	2,4-Dinitrophenol	2	0.206	U	R
121-14-2	2,4-Dinitrotoluene	2	0.103	U	UJ
606-20-2	2,6-Dinitrotoluene	2	0.103	U	UJ
91-58-7	2-Chloronaphthalene	2	0.103	U	
95-57-8	2-Chlorophenol	2	0.103	U	
91-57-6	2-Methylnaphthalene	2	0.103	U	
95-48-7	2-Methylphenol	2	0.103	U	
88-74-4	2-Nitroaniline	2	0.206	U	UJ
88-75-5	2-Nitrophenol	2	0.103	U	
65794-96-9	3- & 4-Methylphenols	2	0.103	U	
91-94-1	3,3-Dichlorobenzidine	2	0.103	U	
99-09-2	3-Nitroaniline	2	0.206	U	
534-52-1	4,6-Dinitro-2-methylphenol	2	0.206	U	UJ
101-55-3	4-Bromophenyl phenyl ether	2	0.103	U	UJ
59-50-7	4-Chloro-3-methylphenol	2	0.103	U	
106-47-8	4-Chloroaniline	2	0.103	U	
7005-72-3	4-Chlorophenyl phenyl ether	2	0.103	U	
100-01-6	4-Nitroaniline	2	0.206	U	
100-02-7	4-Nitrophenol	2	0.206	U	UJ
83-32-9	Acenaphthene	2	0.103	U	
208-96-8	Acenaphthylene	2	0.103	U	
98-86-2	Acetophenone	2	0.103	U	
62-53-3	Aniline	2	0.414	U	
120-12-7	Anthracene	2	0.103	U	
1912-24-9	Atrazine	2	0.103	U	
100-52-7	Benzaldehyde	2	0.103	U	
92-87-5	Benzidine	2	0.414	U	
56-55-3	Benzo(a)anthracene	2	0.106	D	

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID: E70353747.D

Sampled: 03/18/24 16:25 Prepared: 03/19/24 14:03 Analyzed: 03/20/24 15:42

Solids: 80.50 Preparation: EPA 3550C Initial/Final: 30.1 g / 1 mL

Batch: BC41357 Sequence: S4C2141 Calibration: SB40030 Instrument: BNA #7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	
50-32-8	Benzo(a)pyrene	2	0.121	D	
205-99-2	Benzo(b)fluoranthene	2	0.132	D	
191-24-2	Benzo(g,h,i)perylene	2	0.126	D	
207-08-9	Benzo(k)fluoranthene	2	0.101	JD	
65-85-0	Benzoic acid	2	0.103	U	UJ
100-51-6	Benzyl alcohol	2	0.103	U	
85-68-7	Benzyl butyl phthalate	2	0.103	U	
111-91-1	Bis(2-chloroethoxy)methane	2	0.103	U	
111-44-4	Bis(2-chloroethyl)ether	2	0.103	U	
108-60-1	Bis(2-chloroisopropyl)ether	2	0.103	U	
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0867	JD	
105-60-2	Caprolactam	2	0.206	U	
86-74-8	Carbazole	2	0.103	U	
218-01-9	Chrysene	2	0.116	D	
53-70-3	Dibenzo(a,h)anthracene	2	0.103	U	
132-64-9	Dibenzofuran	2	0.103	U	
84-66-2	Diethyl phthalate	2	0.103	U	
131-11-3	Dimethyl phthalate	2	0.103	U	
84-74-2	Di-n-butyl phthalate	2	0.103	U	
117-84-0	Di-n-octyl phthalate	2	0.103	U	UJ
206-44-0	Fluoranthene	2	0.189	D	
86-73-7	Fluorene	2	0.103	U	
118-74-1	Hexachlorobenzene	2	0.103	U	
87-68-3	Hexachlorobutadiene	2	0.103	U	
77-47-4	Hexachlorocyclopentadiene	2	0.103	U	UJ
67-72-1	Hexachloroethane	2	0.103	U	
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.139	D	
78-59-1	Isophorone	2	0.103	U	
91-20-3	Naphthalene	2	0.103	U	
98-95-3	Nitrobenzene	2	0.103	U	
62-75-9	N-Nitrosodimethylamine	2	0.103	U	
621-64-7	N-nitroso-di-n-propylamine	2	0.103	U	
86-30-6	N-Nitrosodiphenylamine	2	0.103	U	UJ
87-86-5	Pentachlorophenol	2	0.103	U	UJ
85-01-8	Phenanthrene	2	0.0520	JD	
108-95-2	Phenol	2	0.103	U	
129-00-0	Pyrene	2	0.213	D	

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	2.06	1.35	65.6	20 - 108	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

Soil Boring 15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-16	File ID:	E70353747.D
Sampled:	03/18/24 16:25	Prepared:	03/19/24 14:03	Analyzed:	03/20/24 15:42
Solids:	80.50	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Batch:	BC41357	Sequence:	S4C2141	Calibration:	SB40030
Instrument:	BNA #7				

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: Phenol-d6	2.06	1.23	59.7	23 - 114	
SURR: Nitrobenzene-d5	1.03	0.759	73.6	22 - 108	
SURR: 2-Fluorobiphenyl	1.03	0.540	52.3	21 - 113	
SURR: 2,4,6-Tribromophenol	2.06	1.08	52.2	19 - 110	
SURR: Terphenyl-d14	1.03	0.655	63.4	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	921674	5.044	1040807	5.051	
ISTD: Naphthalene-d8	3864540	6.115	4702645	6.127	
ISTD: Acenaphthene-d10	2272925	7.855	2285826	7.866	
ISTD: Phenanthrene-d10	5142584	9.798	5253583	9.804	
ISTD: Chrysene-d12	3384915	14.557	4176874	14.563	
ISTD: Perylene-d12	3060576	17.6	3430782	17.594	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: SVOA

METHOD: EPA 8270D SIM

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-07 | File ID: SV61617.D

Sampled: 03/18/24 13:00 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 20:16

Solids: | Preparation: EPA 3510C | Initial/Final: 990 mL / 1 mL

Batch: BC41513 | Sequence: S4C2525 | Calibration: SB40033 | Instrument: BNA#6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.0505	U	
208-96-8	Acenaphthylene	1	0.0505	U	
120-12-7	Anthracene	1	0.0505	U	UJ
1912-24-9	Atrazine	1	0.505	U	
56-55-3	Benzo(a)anthracene	1	0.0505	U	
50-32-8	Benzo(a)pyrene	1	0.0505	U	
205-99-2	Benzo(b)fluoranthene	1	0.0505	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0505	U	
207-08-9	Benzo(k)fluoranthene	1	0.0505	U	UJ
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.576		J
218-01-9	Chrysene	1	0.0505	U	UJ
53-70-3	Dibenzo(a,h)anthracene	1	0.0505	U	
206-44-0	Fluoranthene	1	0.0505	U	UJ
86-73-7	Fluorene	1	0.0505	U	
118-74-1	Hexachlorobenzene	1	0.0202	U	UJ
87-68-3	Hexachlorobutadiene	1	0.505	U	UJ
67-72-1	Hexachloroethane	1	0.505	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0505	U	
91-20-3	Naphthalene	1	0.0505	U	UJ
98-95-3	Nitrobenzene	1	~~0.253~~	U	R
62-75-9	N-Nitrosodimethylamine	1	~~0.505~~	U	R
87-86-5	Pentachlorophenol	1	0.253	U	UJ
85-01-8	Phenanthrene	1	0.0505	U	
129-00-0	Pyrene	1	0.0808		J

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	3270587	8.06	2685355	8.05	
ISTD: Naphthalene-d8	6794489	9.65	5846706	9.65	
ISTD: Acenaphthene-d10	4909614	12.07	4087940	12.08	
ISTD: Phenanthrene-d10	7390245	14.17	6593542	14.17	
ISTD: Chrysene-d12	4786936	17.99	4786329	17.99	
ISTD: Perylene-d12	5512282	19.93	5114431	19.93	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-08 | File ID: SV61618.D

Sampled: 03/18/24 11:00 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 20:46

Solids: | Preparation: EPA 3510C | Initial/Final: 955 mL / 1 mL

Batch: BC41513 | Sequence: S4C2525 | Calibration: SB40033 | Instrument: BNA#6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.0524	U	
208-96-8	Acenaphthylene	1	0.0524	U	
120-12-7	Anthracene	1	0.0524	U	UJ
1912-24-9	Atrazine	1	0.524	U	
56-55-3	Benzo(a)anthracene	1	0.0524	U	
50-32-8	Benzo(a)pyrene	1	0.0524	U	
205-99-2	Benzo(b)fluoranthene	1	0.0524	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0524	U	
207-08-9	Benzo(k)fluoranthene	1	0.0524	U	UJ
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.524	U	
218-01-9	Chrysene	1	0.0524	U	UJ
53-70-3	Dibenzo(a,h)anthracene	1	0.0524	U	UJ
206-44-0	Fluoranthene	1	0.0524	U	UJ
86-73-7	Fluorene	1	0.0524	U	
118-74-1	Hexachlorobenzene	1	0.0209	U	UJ
87-68-3	Hexachlorobutadiene	1	0.524	U	UJ
67-72-1	Hexachloroethane	1	0.524	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0524	U	
91-20-3	Naphthalene	1	0.0524	U	UJ
98-95-3	Nitrobenzene	1	~~0.262~~	U	R
62-75-9	N-Nitrosodimethylamine	1	~~0.524~~	U	R
87-86-5	Pentachlorophenol	1	0.262	U	UJ
85-01-8	Phenanthrene	1	0.0524	U	
129-00-0	Pyrene	1	0.0524	U	UJ

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	3303441	8.06	2685355	8.05	
ISTD: Naphthalene-d8	6974335	9.65	5846706	9.65	
ISTD: Acenaphthene-d10	4979082	12.08	4087940	12.08	
ISTD: Phenanthrene-d10	7512810	14.17	6593542	14.17	
ISTD: Chrysene-d12	4714211	17.99	4786329	17.99	
ISTD: Perylene-d12	5309623	19.93	5114431	19.93	

* Values outside of QC limits

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24C1134

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24C1134-09 | File ID: SV61619.D

Sampled: 03/18/24 10:30 | Prepared: 03/21/24 08:46 | Analyzed: 03/22/24 21:17

Solids: | Preparation: EPA 3510C | Initial/Final: 950 mL / 1 mL

Batch: BC41513 | Sequence: S4C2525 | Calibration: SB40033 | Instrument: BNA#6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.0526	U	
208-96-8	Acenaphthylene	1	0.0526	U	
120-12-7	Anthracene	1	0.0526	U	UJ
1912-24-9	Atrazine	1	0.526	U	
56-55-3	Benzo(a)anthracene	1	0.0526	U	
50-32-8	Benzo(a)pyrene	1	0.0526	U	
205-99-2	Benzo(b)fluoranthene	1	0.0526	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0526	U	
207-08-9	Benzo(k)fluoranthene	1	0.0526	U	UJ
117-81-7	Bis(2-ethylhexyl)phthalate	1	1.21		J
218-01-9	Chrysene	1	0.0526	U	UJ
53-70-3	Dibenzo(a,h)anthracene	1	0.0526	U	
206-44-0	Fluoranthene	1	0.0526	U	UJ
86-73-7	Fluorene	1	0.0526	U	
118-74-1	Hexachlorobenzene	1	0.0211	U	UJ
87-68-3	Hexachlorobutadiene	1	0.526	U	UJ
67-72-1	Hexachloroethane	1	0.526	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0526	U	
91-20-3	Naphthalene	1	0.137		J
98-95-3	Nitrobenzene	1	~~0.263~~	U	R
62-75-9	N-Nitrosodimethylamine	1	~~0.526~~	U	R
87-86-5	Pentachlorophenol	1	0.263	U	UJ
85-01-8	Phenanthrene	1	0.0526	U	
129-00-0	Pyrene	1	0.0526	U	UJ

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	3328733	8.06	2685355	8.05	
ISTD: Naphthalene-d8	6896831	9.65	5846706	9.65	
ISTD: Acenaphthene-d10	4886802	12.08	4087940	12.08	
ISTD: Phenanthrene-d10	7069520	14.17	6593542	14.17	
ISTD: Chrysene-d12	3893838	17.99	4786329	17.99	
ISTD: Perylene-d12	5105660	19.93	5114431	19.93	

* Values outside of QC limits

MKP 5/9/2024

York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
CLASS: PFAS
METHOD: EPA 1633 Draft 3

DATA PACKAGE COVER PAGE

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

Client: DT Consulting Services

Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09
Field Blank	24C1134-10
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 4/16/2024

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: QQQ36825.d

Sampled: 03/18/24 15:50 Prepared: 03/22/24 15:34 Analyzed: 03/27/24 20:54

Solids: 57.92 Preparation: EPA 1633 Prep Initial/Final: 5 g / 5 mL

Batch: BC41656 Sequence: S4C2858 Calibration: SA40047 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.306	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.239	J	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.229	J	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.316	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.962		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.98		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.345	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.345	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.345	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.345	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.345	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.345	U	UJ
2355-31-9	N-MeFOSAA	1	0.345	U	
2991-50-6	N-EtFOSAA	1	0.345	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.691	U	UJ
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.345	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.345	U	UJ
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.333	U	UJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.31	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.33	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.38	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.615	U	UJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.691	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.691	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.691	U	UJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.325	U	UJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.29	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	1.38	U	UJ
763051-92-9	11CL-PF3OUdS	1	1.31	U	UJ
756426-58-1	9CL-PF3ONS	1	1.29	U	UJ
919005-14-4	ADONA	1	1.31	U	UJ
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.335	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.332	U	UJ
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.73	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	8.63	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	8.63	U	UJ
24448-09-7	N-MeFOSE	1	3.45	U	UJ
31506-32-8	N-MeFOSA	1	0.345	U	UJ
1691-99-2	N-EtFOSE	1	3.45	U	UJ
4151-50-2	N-EtFOSA	1	0.345	U	UJ

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-01	File ID:	QQQ36825.d
Sampled:	03/18/24 15:50	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 20:54
Solids:	57.92	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	3.35	1.72	51.2	25 - 150	
M5PFHxA	3.60	2.08	57.8	25 - 150	
M4PFHpA	3.60	2.80	77.8	25 - 150	
M3PFHxS	3.41	3.10	91.0	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.60	2.95	82.0	25 - 150	
M6PFDA	1.80	1.59	88.7	25 - 150	
M7PFUdA	1.80	1.54	85.9	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.80	1.59	88.4	25 - 150	
M2PFTeDA	1.80	1.21	67.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.4	0.299	2.08	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.44	3.18	92.5	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.19	0.403	5.60	25 - 150	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.60	3.60	99.9	10 - 150	
d3-N-MeFOSAA	7.19	4.67	65.0	25 - 150	
d5-N-EtFOSAA	7.19	5.56	77.3	25 - 150	
M2-6:2 FTS	6.84	3.33	48.7	25 - 200	
M2-8:2 FTS	6.91	2.93	42.4	25 - 200	
M9PFNA	1.80	1.73	96.2	25 - 150	
M2-4:2 FTS	6.75	2.16	32.1	25 - 150	
d-N-MeFOSA	3.60	2.48	69.0	25 - 150	
d-N-EtFOSA	3.60	2.13	59.1	25 - 150	
M3HFPO-DA	14.4	8.54	59.2	25 - 150	
d9-N-EtFOSE	36.0	26.2	72.7	25 - 150	
d7-N-MeFOSE	36.0	24.7	68.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	17684.5	1.262183	18962.79	1.170383	
MPFDA	7939.956	8.364866	10992.83	8.438983	
MPFHxA	27057.48	5.8529	28737	5.852917	
MPFHxS	2833.135	6.6927	2881.597	6.729683	
MPFNA	12273.4	7.827067	12719.39	7.892033	
MPFOA	28036.33	7.241333	26695.19	7.2876	
MPFOS	5766.432	7.86305	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2776.954	7.826684	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	17905.89	7.24085	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	3644.445	4.366333	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1679.529	1.259883	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	10285.77	9.262016	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-01	File ID:	QQQ36825.d
Sampled:	03/18/24 15:50	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 20:54
Solids:	57.92	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2309.425	7.853384	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7500.426	8.868083	7723.782	8.933066	
M7PFUdA-EIS	11673.15	8.845634	10921.15	8.910617	
M6PFDA-EIS	9230.11	8.3737	9447.826	8.43855	
M5PFHxA-EIS	22592.74	5.851883	37121.51	5.851883	
M4PFHpA-EIS	4411.556	6.601666	4797.562	6.629433	
M3PFHxS-EIS	6800.347	6.693233	6638.332	6.720984	
M3PFBS-EIS	5995.114	5.094934	10335.37	5.057533	
M3-HFPO-DA-EIS	15215.92	6.123783	25347.91	6.123783	
M2PFTeDA-EIS	4270.027	9.925867	5407.271	9.97205	
M2-8-2FTS-EIS	11644.83	8.326533	10274.35	8.40065	
M2-6-2FTS-EIS	9885.628	7.184367	8568.5	7.230617	
M2-4-2FTS-EIS	9644.02	5.7861	13136.39	5.786117	
d9-NEtFOSE-EIS	1512.778	9.909634	2495.398	9.956133	
d7-NMeFOSE-EIS	3580.111	9.641684	4569.956	9.697166	
d5-NEtFOSA-EIS	408.3298	9.9507	597.0887	10.00597	
d5-N-EtFOSAA-EIS	9869.427	8.825367	9598.963	8.891117	
d3-NMeFOSA-EIS	727.9782	9.674784	1050.568	9.730267	
d3-N-MeFOSAA-EIS	11299.24	8.58465	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-02	File ID:	QQQ36826.d
Sampled:	03/18/24 15:15	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:11
Solids:	39.65	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.446	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.504	U	UJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.504	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.462	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.504	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.17		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.504	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.504	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.504	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.504	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.504	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.504	U	UJ
2355-31-9	N-MeFOSAA	1	0.504	U	
2991-50-6	N-EtFOSAA	1	0.504	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	1.01	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.504	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.504	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.487	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.92	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.94	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	2.02	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.898	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	1.01	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	1.01	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	1.01	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.474	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.89	U	
13252-13-6	HFPO-DA (Gen-X)	1	2.02	U	
763051-92-9	11CL-PF3OUdS	1	1.91	U	
756426-58-1	9CL-PF3ONS	1	1.89	U	
919005-14-4	ADONA	1	1.91	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.489	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.484	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	2.52	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	12.6	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	12.6	U	UJ
24448-09-7	N-MeFOSE	1	5.04	U	
31506-32-8	N-MeFOSA	1	0.504	U	
1691-99-2	N-EtFOSE	1	5.04	U	
4151-50-2	N-EtFOSA	1	0.504	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-02	File ID:	QQQ36826.d
Sampled:	03/18/24 15:15	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:11
Solids:	39.65	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	4.89	4.19	85.6	25 - 150	
M5PFHxA	5.26	4.79	91.2	25 - 150	
M4PFHpA	5.26	4.42	84.0	25 - 150	
M3PFHxS	4.98	4.54	91.2	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	5.26	5.31	101	25 - 150	
M6PFDA	2.62	2.47	94.3	25 - 150	
M7PFUdA	2.62	2.60	99.0	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.62	2.54	96.7	25 - 150	
M2PFTeDA	2.62	2.25	85.8	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	21.1	0.697	3.31	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.03	5.31	105	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	10.5	3.20	30.4	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.26	4.81	91.4	10 - 150	
d3-N-MeFOSAA	10.5	7.43	70.7	25 - 150	
d5-N-EtFOSAA	10.5	7.78	74.1	25 - 150	
M2-6:2 FTS	9.99	6.13	61.4	25 - 200	
M2-8:2 FTS	10.1	5.91	58.6	25 - 200	
M9PFNA	2.62	2.69	102	25 - 150	
M2-4:2 FTS	9.86	5.11	51.8	25 - 150	
d-N-MeFOSA	5.26	3.28	62.5	25 - 150	
d-N-EtFOSA	5.26	3.22	61.3	25 - 150	
M3HFPO-DA	21.1	20.4	96.8	25 - 150	
d9-N-EtFOSE	52.6	43.3	82.3	25 - 150	
d7-N-MeFOSE	52.6	40.1	76.3	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	17203.67	1.188733	18962.79	1.170383	
MPFDA	7374.615	8.401917	10992.83	8.438983	
MPFHxA	26820.91	5.8529	28737	5.852917	
MPFHxS	2912.414	6.711184	2881.597	6.729683	
MPFNA	11094.35	7.8549	12719.39	7.892033	
MPFOA	26056.34	7.259833	26695.19	7.2876	
MPFOS	6078.372	7.890883	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2673.354	7.854517	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	20514.24	7.25935	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	19659.5	4.329566	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2496.617	1.195633	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	10453.93	9.289817	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-02	File ID:	QQQ36826.d
Sampled:	03/18/24 15:15	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:11
Solids:	39.65	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2776.82	7.8905	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7237.042	8.895917	7723.782	8.933066	
M7PFUdA-EIS	12464.76	8.88275	10921.15	8.910617	
M6PFDA-EIS	9116.643	8.401484	9447.826	8.43855	
M5PFHxA-EIS	35341.13	5.851883	37121.51	5.851883	
M4PFHpA-EIS	4725.615	6.610917	4797.562	6.629433	
M3PFHxS-EIS	7013.797	6.711733	6638.332	6.720984	
M3PFBS-EIS	10296.92	5.075984	10335.37	5.057533	
M3-HFPO-DA-EIS	24641.03	6.123767	25347.91	6.123783	
M2PFTeDA-EIS	5030.41	9.962816	5407.271	9.97205	
M2-8-2FTS-EIS	16679.87	8.363584	10274.35	8.40065	
M2-6-2FTS-EIS	12809.2	7.202867	8568.5	7.230617	
M2-4-2FTS-EIS	16035.21	5.7861	13136.39	5.786117	
d9-NEtFOSE-EIS	1815.415	9.9377	2495.398	9.956133	
d7-NMeFOSE-EIS	4078.52	9.678667	4569.956	9.697166	
d5-NEtFOSA-EIS	448.2647	9.978333	597.0887	10.00597	
d5-N-EtFOSAA-EIS	9972.169	8.863267	9598.963	8.891117	
d3-NMeFOSA-EIS	696.5105	9.711766	1050.568	9.730267	
d3-N-MeFOSAA-EIS	12961.92	8.612433	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-03	File ID:	QQQ36827.d
Sampled:	03/18/24 15:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:27
Solids:	47.60	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.372	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.420	U	UJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.420	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.384	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.420	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.842		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.420	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.420	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.420	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.420	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.420	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.420	U	UJ
2355-31-9	N-MeFOSAA	1	0.420	U	
2991-50-6	N-EtFOSAA	1	0.420	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.840	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.420	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.420	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.405	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.60	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.61	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.68	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.748	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.840	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.840	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.840	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.395	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.58	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.68	U	
763051-92-9	11CL-PF3OUdS	1	1.59	U	
756426-58-1	9CL-PF3ONS	1	1.57	U	
919005-14-4	ADONA	1	1.59	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.408	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.403	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	2.10	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	10.5	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	10.5	U	UJ
24448-09-7	N-MeFOSE	1	4.20	U	
31506-32-8	N-MeFOSA	1	0.420	U	
1691-99-2	N-EtFOSE	1	4.20	U	
4151-50-2	N-EtFOSA	1	0.420	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-03	File ID:	QQQ36827.d
Sampled:	03/18/24 15:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:27
Solids:	47.60	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	4.08	3.47	85.2	25 - 150	
M5PFHxA	4.38	3.95	90.1	25 - 150	
M4PFHpA	4.38	3.46	79.0	25 - 150	
M3PFHxS	4.15	3.85	92.7	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.38	4.04	92.2	25 - 150	
M6PFDA	2.18	1.95	89.4	25 - 150	
M7PFUdA	2.18	1.84	84.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.18	1.54	70.6	25 - 150	
M2PFTeDA	2.18	1.31	59.9	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	17.5	0.613	3.49	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	4.19	4.01	95.7	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	8.75	5.10	58.3	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	4.38	4.00	91.3	10 - 150	
d3-N-MeFOSAA	8.75	5.28	60.4	25 - 150	
d5-N-EtFOSAA	8.75	6.43	73.5	25 - 150	
M2-6:2 FTS	8.32	5.29	63.6	25 - 200	
M2-8:2 FTS	8.40	5.51	65.6	25 - 200	
M9PFNA	2.18	1.90	87.2	25 - 150	
M2-4:2 FTS	8.21	4.48	54.5	25 - 150	
d-N-MeFOSA	4.38	2.05	46.7	25 - 150	
d-N-EtFOSA	4.38	2.18	49.7	25 - 150	
M3HFPO-DA	17.5	16.3	93.0	25 - 150	
d9-N-EtFOSE	43.8	25.2	57.6	25 - 150	
d7-N-MeFOSE	43.8	24.2	55.1	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	16960.8	1.170383	18962.79	1.170383	
MPFDA	7843.664	8.429717	10992.83	8.438983	
MPFHxA	26787.3	5.843667	28737	5.852917	
MPFHxS	2821.641	6.7112	2881.597	6.729683	
MPFNA	12531	7.88275	12719.39	7.892033	
MPFOA	26412.68	7.27835	26695.19	7.2876	
MPFOS	6022.18	7.90945	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2567.987	7.873083	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	18987.45	7.268617	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	37592.25	4.292817	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2762.21	1.168083	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8119.747	9.3087	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-03	File ID:	QQQ36827.d
Sampled:	03/18/24 15:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:27
Solids:	47.60	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2496.967	7.909067	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7159.633	8.923783	7723.782	8.933066	
M7PFUdA-EIS	11329.58	8.901334	10921.15	8.910617	
M6PFDA-EIS	9190.597	8.420016	9447.826	8.43855	
M5PFHxA-EIS	34890	5.84265	37121.51	5.851883	
M4PFHpA-EIS	4438.464	6.610933	4797.562	6.629433	
M3PFHxS-EIS	6900.312	6.711733	6638.332	6.720984	
M3PFBS-EIS	9974.445	5.057533	10335.37	5.057533	
M3-HFPO-DA-EIS	23654.57	6.11455	25347.91	6.123783	
M2PFTeDA-EIS	3738.148	9.97205	5407.271	9.97205	
M2-8-2FTS-EIS	18106.5	8.382116	10274.35	8.40065	
M2-6-2FTS-EIS	12779.32	7.212133	8568.5	7.230617	
M2-4-2FTS-EIS	16343.92	5.776866	13136.39	5.786117	
d9-NEtFOSE-EIS	1267.51	9.956133	2495.398	9.956133	
d7-NMeFOSE-EIS	2950.428	9.697166	4569.956	9.697166	
d5-NEtFOSA-EIS	361.7369	9.996734	597.0887	10.00597	
d5-N-EtFOSAA-EIS	9799.761	8.881833	9598.963	8.891117	
d3-NMeFOSA-EIS	512.341	9.721017	1050.568	9.730267	
d3-N-MeFOSAA-EIS	10964.11	8.630983	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-04	File ID:	QQQ36828.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:43
Solids:	34.18	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.518	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.585	U	UJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.585	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.535	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.585	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	3.85		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.585	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.585	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.585	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.585	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.585	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.585	U	UJ
2355-31-9	N-MeFOSAA	1	0.585	U	
2991-50-6	N-EtFOSAA	1	0.585	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	1.17	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.585	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.585	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.565	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	2.22	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	2.25	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	2.34	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	1.04	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	1.17	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	1.17	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	1.17	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.550	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	2.19	U	
13252-13-6	HFPO-DA (Gen-X)	1	2.34	U	
763051-92-9	11CL-PF3OUdS	1	2.21	U	
756426-58-1	9CL-PF3ONS	1	2.19	U	
919005-14-4	ADONA	1	2.21	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.568	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.562	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	2.93	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	14.6	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	14.6	U	UJ
24448-09-7	N-MeFOSE	1	5.85	U	
31506-32-8	N-MeFOSA	1	0.585	U	
1691-99-2	N-EtFOSE	1	5.85	U	
4151-50-2	N-EtFOSA	1	0.585	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-04	File ID:	QQQ36828.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:43
Solids:	34.18	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	5.68	5.63	99.1	25 - 150	
M5PFHxA	6.10	6.90	113	25 - 150	
M4PFHpA	6.10	5.65	92.6	25 - 150	
M3PFHxS	5.78	5.70	98.6	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	6.10	7.10	116	25 - 150	
M6PFDA	3.04	3.02	99.1	25 - 150	
M7PFUdA	3.04	2.77	90.9	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.04	2.66	87.3	25 - 150	
M2PFTeDA	3.04	1.63	53.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	24.4	0.875	3.58	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.84	6.77	116	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	12.2	6.81	55.9	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	6.10	6.59	108	10 - 150	
d3-N-MeFOSAA	12.2	10.2	83.8	25 - 150	
d5-N-EtFOSAA	12.2	11.4	93.2	25 - 150	
M2-6:2 FTS	11.6	11.4	98.1	25 - 200	
M2-8:2 FTS	11.7	10.7	91.7	25 - 200	
M9PFNA	3.04	2.80	92.0	25 - 150	
M2-4:2 FTS	11.4	10.4	91.0	25 - 150	
d-N-MeFOSA	6.10	3.70	60.6	25 - 150	
d-N-EtFOSA	6.10	2.63	43.1	25 - 150	
M3HFPO-DA	24.4	28.5	117	25 - 150	
d9-N-EtFOSE	61.0	34.7	56.9	25 - 150	
d7-N-MeFOSE	61.0	42.4	69.5	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	14929.94	1.152017	18962.79	1.170383	
MPFDA	7517.62	8.44825	10992.83	8.438983	
MPFHxA	24125.45	5.852917	28737	5.852917	
MPFHxS	2856.009	6.729683	2881.597	6.729683	
MPFNA	10933.29	7.901317	12719.39	7.892033	
MPFOA	24471.42	7.297433	26695.19	7.2876	
MPFOS	5421.939	7.937284	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2363.119	7.900933	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	22187.57	7.297	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	32482.59	4.283617	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2492.052	1.1589	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9627.755	9.327233	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-04	File ID:	QQQ36828.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:43
Solids:	34.18	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2734.296	7.9369	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7631.921	8.951633	7723.782	8.933066	
M7PFUdA-EIS	11690.62	8.919917	10921.15	8.910617	
M6PFDA-EIS	9763.833	8.447833	9447.826	8.43855	
M5PFHxA-EIS	39437.43	5.851883	37121.51	5.851883	
M4PFHpA-EIS	4685.872	6.6387	4797.562	6.629433	
M3PFHxS-EIS	7430.623	6.730233	6638.332	6.720984	
M3PFBS-EIS	11667.04	5.057517	10335.37	5.057533	
M3-HFPO-DA-EIS	26694.69	6.123783	25347.91	6.123783	
M2PFTeDA-EIS	3208.56	9.981283	5407.271	9.97205	
M2-8-2FTS-EIS	25600.62	8.409917	10274.35	8.40065	
M2-6-2FTS-EIS	20076.59	7.239867	8568.5	7.230617	
M2-4-2FTS-EIS	27633.43	5.786117	13136.39	5.786117	
d9-NEtFOSE-EIS	1125.232	9.965366	2495.398	9.956133	
d7-NMeFOSE-EIS	3315.546	9.706433	4569.956	9.697166	
d5-NEtFOSA-EIS	276.9678	10.0152	597.0887	10.00597	
d5-N-EtFOSAA-EIS	11193.89	8.900416	9598.963	8.891117	
d3-NMeFOSA-EIS	604.2429	9.739516	1050.568	9.730267	
d3-N-MeFOSAA-EIS	13692.7	8.658783	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-05	File ID:	QQQ36829.d
Sampled:	03/18/24 15:35	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:59
Solids:	68.95	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.257	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.290	U	UJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.290	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.265	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.290	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	2.09		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.290	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.290	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.290	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.290	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.290	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.290	U	UJ
2355-31-9	N-MeFOSAA	1	0.290	U	
2991-50-6	N-EtFOSAA	1	1.15		J
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.580	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.290	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.290	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.280	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.10	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.11	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.16	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.516	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.580	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.580	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.580	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.273	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.09	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.16	U	
763051-92-9	11CL-PF3OUdS	1	1.10	U	
756426-58-1	9CL-PF3ONS	1	1.08	U	
919005-14-4	ADONA	1	1.10	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.281	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.278	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.45	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	7.25	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	7.25	U	UJ
24448-09-7	N-MeFOSE	1	2.90	U	
31506-32-8	N-MeFOSA	1	0.290	U	
1691-99-2	N-EtFOSE	1	2.90	U	
4151-50-2	N-EtFOSA	1	0.290	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-05	File ID:	QQQ36829.d
Sampled:	03/18/24 15:35	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:59
Solids:	68.95	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.81	2.49	88.3	25 - 150	
M5PFHxA	3.02	3.03	100	25 - 150	
M4PFHpA	3.02	2.62	86.5	25 - 150	
M3PFHxS	2.86	2.73	95.3	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.02	3.33	110	25 - 150	
M6PFDA	1.51	1.56	104	25 - 150	
M7PFUdA	1.51	1.42	93.8	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.51	1.25	82.6	25 - 150	
M2PFTeDA	1.51	0.914	60.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.1	0.294	2.43	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.89	3.17	109	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.04	2.17	36.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.02	3.13	103	10 - 150	
d3-N-MeFOSAA	6.04	4.87	80.7	25 - 150	
d5-N-EtFOSAA	6.04	5.33	88.3	25 - 150	
M2-6:2 FTS	5.74	5.05	87.9	25 - 200	
M2-8:2 FTS	5.80	4.78	82.4	25 - 200	
M9PFNA	1.51	1.35	89.3	25 - 150	
M2-4:2 FTS	5.67	4.21	74.2	25 - 150	
d-N-MeFOSA	3.02	1.47	48.5	25 - 150	
d-N-EtFOSA	3.02	1.21	39.9	25 - 150	
M3HFPO-DA	12.1	11.9	98.6	25 - 150	
d9-N-EtFOSE	30.2	17.4	57.6	25 - 150	
d7-N-MeFOSE	30.2	15.8	52.2	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	17319.25	1.188733	18962.79	1.170383	
MPFDA	7257.122	8.401934	10992.83	8.438983	
MPFHxA	27310.86	5.843683	28737	5.852917	
MPFHxS	3115.471	6.701967	2881.597	6.729683	
MPFNA	12561.01	7.854933	12719.39	7.892033	
MPFOA	25478.4	7.2506	26695.19	7.2876	
MPFOS	5775.019	7.8909	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2636.292	7.854533	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	21866.72	7.250117	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	23657.02	4.311183	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1924.877	1.195633	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8791.009	9.289833	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-05	File ID:	QQQ36829.d
Sampled:	03/18/24 15:35	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 21:59
Solids:	68.95	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2748.994	7.881233	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7776.227	8.905233	7723.782	8.933066	
M7PFUdA-EIS	11648.93	8.8735	10921.15	8.910617	
M6PFDA-EIS	9850.992	8.4015	9447.826	8.43855	
M5PFHxA-EIS	39303.03	5.84265	37121.51	5.851883	
M4PFHpA-EIS	4951.356	6.610933	4797.562	6.629433	
M3PFHxS-EIS	7824.812	6.7025	6638.332	6.720984	
M3PFBS-EIS	11372.16	5.057533	10335.37	5.057533	
M3-HFPO-DA-EIS	25555.48	6.114567	25347.91	6.123783	
M2PFTeDA-EIS	3496.566	9.953633	5407.271	9.97205	
M2-8-2FTS-EIS	25101.75	8.3636	10274.35	8.40065	
M2-6-2FTS-EIS	19575.93	7.193634	8568.5	7.230617	
M2-4-2FTS-EIS	24542.6	5.776883	13136.39	5.786117	
d9-NEtFOSE-EIS	1213.091	9.937716	2495.398	9.956133	
d7-NMeFOSE-EIS	2694.498	9.678683	4569.956	9.697166	
d5-NEtFOSA-EIS	274.7201	9.987583	597.0887	10.00597	
d5-N-EtFOSAA-EIS	11292.18	8.854	9598.963	8.891117	
d3-NMeFOSA-EIS	522.6848	9.721033	1050.568	9.730267	
d3-N-MeFOSAA-EIS	14043.89	8.612467	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: QQQ36830.d

Sampled: 03/18/24 13:05 Prepared: 03/22/24 15:34 Analyzed: 03/27/24 22:15

Solids: 68.83 Preparation: EPA 1633 Prep Initial/Final: 5 g / 5 mL

Batch: BC41656 Sequence: S4C2858 Calibration: SA40047 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.257	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.0771	J	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.291	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.266	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.291	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.27		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.291	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.340		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.382		J
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.268	J	J
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.291	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.156	J	J
2355-31-9	N-MeFOSAA	1	0.291	U	
2991-50-6	N-EtFOSAA	1	0.291	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.581	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.291	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.291	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.280	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	1.10	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	1.12	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	1.16	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.517	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.581	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.581	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.581	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.273	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	1.09	U	
13252-13-6	HFPO-DA (Gen-X)	1	1.16	U	
763051-92-9	11CL-PF3OUdS	1	1.10	U	
756426-58-1	9CL-PF3ONS	1	1.09	U	
919005-14-4	ADONA	1	1.10	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.282	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.279	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.45	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	7.26	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	7.26	U	UJ
24448-09-7	N-MeFOSE	1	2.91	U	
31506-32-8	N-MeFOSA	1	0.291	U	
1691-99-2	N-EtFOSE	1	2.91	U	
4151-50-2	N-EtFOSA	1	0.291	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-06	File ID:	QQQ36830.d
Sampled:	03/18/24 13:05	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 22:15
Solids:	68.83	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.82	2.55	90.5	25 - 150	
M5PFHxA	3.03	3.00	99.2	25 - 150	
M4PFHpA	3.03	2.41	79.7	25 - 150	
M3PFHxS	2.87	2.75	95.8	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.03	2.91	96.1	25 - 150	
M6PFDA	1.51	1.43	94.8	25 - 150	
M7PFUdA	1.51	1.22	80.8	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.51	1.13	74.8	25 - 150	
M2PFTeDA	1.51	1.18	78.1	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.1	0.364	3.00	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.90	3.03	104	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.05	3.15	52.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.03	2.83	93.5	10 - 150	
d3-N-MeFOSAA	6.05	4.72	78.0	25 - 150	
d5-N-EtFOSAA	6.05	5.28	87.2	25 - 150	
M2-6:2 FTS	5.75	5.77	100	25 - 200	
M2-8:2 FTS	5.81	5.61	96.5	25 - 200	
M9PFNA	1.51	1.37	90.4	25 - 150	
M2-4:2 FTS	5.68	4.17	73.4	25 - 150	
d-N-MeFOSA	3.03	1.72	56.8	25 - 150	
d-N-EtFOSA	3.03	1.41	46.6	25 - 150	
M3HFPO-DA	12.1	11.5	95.0	25 - 150	
d9-N-EtFOSE	30.3	17.0	56.3	25 - 150	
d7-N-MeFOSE	30.3	18.6	61.4	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	17194.29	1.179567	18962.79	1.170383	
MPFDA	7353.911	8.411183	10992.83	8.438983	
MPFHxA	27740.35	5.843667	28737	5.852917	
MPFHxS	2926.512	6.701967	2881.597	6.729683	
MPFNA	11871.71	7.873483	12719.39	7.892033	
MPFOA	26855.67	7.25985	26695.19	7.2876	
MPFOS	5766.316	7.90945	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2522.872	7.8731	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	20111.41	7.259367	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	34742	4.292817	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2360.852	1.177267	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8069.546	9.2991	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Sed-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-06	File ID:	QQQ36830.d
Sampled:	03/18/24 13:05	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 22:15
Solids:	68.83	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2596.558	7.8998	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7020.164	8.923783	7723.782	8.933066	
M7PFUdA-EIS	10166.27	8.89205	10921.15	8.910617	
M6PFDA-EIS	9133.389	8.420033	9447.826	8.43855	
M5PFHxA-EIS	39714.95	5.84265	37121.51	5.851883	
M4PFHpA-EIS	4631.234	6.610933	4797.562	6.629433	
M3PFHxS-EIS	7386.6	6.7025	6638.332	6.720984	
M3PFBS-EIS	10947.39	5.057533	10335.37	5.057533	
M3-HFPO-DA-EIS	25008.98	6.11455	25347.91	6.123783	
M2PFTeDA-EIS	4570.983	9.96285	5407.271	9.97205	
M2-8-2FTS-EIS	27610.63	8.37285	10274.35	8.40065	
M2-6-2FTS-EIS	21034.43	7.202883	8568.5	7.230617	
M2-4-2FTS-EIS	22846.47	5.776866	13136.39	5.786117	
d9-NEtFOSE-EIS	1180.636	9.95615	2495.398	9.956133	
d7-NMeFOSE-EIS	3082.786	9.697184	4569.956	9.697166	
d5-NEtFOSA-EIS	320.455	9.99675	597.0887	10.00597	
d5-N-EtFOSAA-EIS	11135.53	8.872566	9598.963	8.891117	
d3-NMeFOSA-EIS	600.8209	9.721033	1050.568	9.730267	
d3-N-MeFOSAA-EIS	13570.45	8.631	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-07	File ID:	QQQ36912.d
Sampled:	03/18/24 13:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 15:52
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	526.37 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.68	U	UJ
307-24-4	Perfluorohexanoic acid (PFHxA)	1	2.94		J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	2.43		J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	2.77		J
335-67-1	Perfluorooctanoic acid (PFOA)	1	8.85		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	7.49		J
375-95-1	Perfluorononanoic acid (PFNA)	1	1.90	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.90	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.90	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.90	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.90	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.90	U	UJ
2355-31-9	N-MeFOSAA	1	1.90	U	
2991-50-6	N-EtFOSAA	1	1.90	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	3.12	J	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.90	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.81	U	UJ
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.83	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.18 UJ ~~1.76~~	J	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.30	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.60	U	UJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.38	U	UJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.80	U	UJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.80	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.80	U	UJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.79	U	UJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.12	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	7.60	U	
763051-92-9	11CL-PF3OUdS	1	7.18	U	
756426-58-1	9CL-PF3ONS	1	7.11	U	
919005-14-4	ADONA	1	7.18	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.05	J	J
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.82	U	UJ
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.75	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.7	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.7	U	
24448-09-7	N-MeFOSE	1	19.0	U	UJ
31506-32-8	N-MeFOSA	1	2.67		
1691-99-2	N-EtFOSE	1	5.88	J	J
4151-50-2	N-EtFOSA	1	1.90	U	UJ

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-07	File ID:	QQQ36912.d
Sampled:	03/18/24 13:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 15:52
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	526.37 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.1	19.3	87.3	25 - 150	
M5PFHxA	23.7	24.4	103	25 - 150	
M4PFHpA	23.7	21.9	92.1	25 - 150	
M3PFHxS	22.5	21.0	93.5	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.7	26.5	112	25 - 150	
M6PFDA	11.9	10.9	92.2	25 - 150	
M7PFUdA	11.9	7.68	64.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	5.59	47.1	25 - 150	
M2PFTeDA	11.9	1.64	13.8	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.0	11.1	11.6	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.8	21.2	93.2	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.5	46.4	97.7	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.7	16.0	67.6	10 - 150	
d3-N-MeFOSAA	47.5	26.8	56.5	25 - 150	
d5-N-EtFOSAA	47.5	29.3	61.6	25 - 150	
M2-6:2 FTS	45.2	39.2	86.8	25 - 200	
M2-8:2 FTS	45.6	38.7	84.8	25 - 200	
M9PFNA	11.9	11.9	100	25 - 150	
M2-4:2 FTS	44.6	52.1	117	25 - 150	
d-N-MeFOSA	23.7	7.43	31.3	25 - 150	
d-N-EtFOSA	23.7	4.03	17.0	25 - 150	*
M3HFPO-DA	95.0	101	106	25 - 150	
d9-N-EtFOSE	237	18.6	7.84	25 - 150	*
d7-N-MeFOSE	237	32.4	13.6	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	20914.56	1.124483	27960.77	1.1153	
MPFDA	9606.717	8.485283	11032.16	8.485333	
MPFHxA	27971.08	5.834417	34654.1	5.843667	
MPFHxS	3289.266	6.748883	3381.675	6.758117	
MPFNA	13780.87	7.938416	13313.6	7.93845	
MPFOA	28458.37	7.325634	32529.18	7.32565	
MPFOS	6862.127	7.974417	6618.45	7.974433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3908.958	7.938033	2758.383	7.93805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	29720.02	7.325233	21347.41	7.32525	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	79004.46	4.182517	78078.38	4.210083	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	13329.42	1.122183	110282.5	1.113017	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	7974.576	9.336833	8835.792	9.346133	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-07	File ID:	QQQ36912.d
Sampled:	03/18/24 13:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 15:52
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	526.37 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3328.205	7.98315	2722.086	7.9739	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7237.231	8.914483	4504.371	8.905233	
M7PFUdA-EIS	12775.33	8.947733	12512.62	8.947766	
M6PFDA-EIS	13950.25	8.484867	9973.39	8.4849	
M5PFHxA-EIS	49748.55	5.833384	42836.6	5.842633	
M4PFHpA-EIS	6478.468	6.64795	5606.149	6.657217	
M3PFHxS-EIS	9726.698	6.749533	7592.414	6.758767	
M3PFBS-EIS	14250.65	5.0114	11378.54	5.020617	
M3-HFPO-DA-EIS	33760.57	6.123783	29919.29	6.133017	
M2PFTeDA-EIS	1265.843	9.98125	5639.392	9.999817	
M2-8-2FTS-EIS	32793.38	8.44695	37396.6	8.447	
M2-6-2FTS-EIS	24585.31	7.267617	18030.83	7.267633	
M2-4-2FTS-EIS	49004.45	5.767617	20002.95	5.776866	
d9-NEtFOSE-EIS	240.4129	9.9932	390.1475	9.9746	
d7-NMeFOSE-EIS	974.7452	9.734134	1113.361	9.715683	
d5-NEtFOSA-EIS	168.1441	10.02438	134.396	10.2728	
d5-N-EtFOSAA-EIS	11240.29	8.928233	8689.178	8.928284	
d3-NMeFOSA-EIS	25.73358	10.1183	262.4815	9.739533	
d3-N-MeFOSAA-EIS	14026.23	8.695833	11272.31	8.695884	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-08	File ID:	QQQ36913.d
Sampled:	03/18/24 11:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:08
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	530.58 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.13	J	J
307-24-4	Perfluorohexanoic acid (PFHxA)	1	2.33		J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.26	J	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.72	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	2.85		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	3.23		J
375-95-1	Perfluorononanoic acid (PFNA)	1	1.88	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.88	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.88	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.88	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.88	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.88	U	UJ
2355-31-9	N-MeFOSAA	1	1.88	U	
2991-50-6	N-EtFOSAA	1	1.88	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	3.10	J	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.88	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.80	U	UJ
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.82	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7,12 UJ ~~1.71~~	J	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.24	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.54	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.35	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.77	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.77	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.77	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.77	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.07	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.54	U	
763051-92-9	11CL-PF3OUdS	1	7.12	U	
756426-58-1	9CL-PF3ONS	1	7.05	U	
919005-14-4	ADONA	1	7.12	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.83	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.81	U	UJ
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.71	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.6	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.6	U	
24448-09-7	N-MeFOSE	1	18.8	U	UJ
31506-32-8	N-MeFOSA	1	1.88	U	
1691-99-2	N-EtFOSE	1	18.8	U	UJ
4151-50-2	N-EtFOSA	1	1.88	U	UJ

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-08	File ID:	QQQ36913.d
Sampled:	03/18/24 11:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:08
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	530.58 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.0	19.2	87.4	25 - 150	
M5PFHxA	23.6	24.8	105	25 - 150	
M4PFHpA	23.6	22.1	93.7	25 - 150	
M3PFHxS	22.3	21.3	95.3	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.6	23.7	101	25 - 150	
M6PFDA	11.8	11.6	98.8	25 - 150	
M7PFUdA	11.8	9.27	78.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	7.16	60.7	25 - 150	
M2PFTeDA	11.8	4.02	34.1	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.2	10.7	11.3	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.6	24.5	108	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.1	44.2	93.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.6	18.2	77.0	10 - 150	
d3-N-MeFOSAA	47.1	29.9	63.6	25 - 150	
d5-N-EtFOSAA	47.1	31.1	65.9	25 - 150	
M2-6:2 FTS	44.8	31.6	70.5	25 - 200	
M2-8:2 FTS	45.2	37.8	83.7	25 - 200	
M9PFNA	11.8	14.1	120	25 - 150	
M2-4:2 FTS	44.2	42.0	95.0	25 - 150	
d-N-MeFOSA	23.6	7.11	30.2	25 - 150	
d-N-EtFOSA	23.6	6.05	25.7	25 - 150	
M3HFPO-DA	94.2	107	113	25 - 150	
d9-N-EtFOSE	236	34.7	14.7	25 - 150	*
d7-N-MeFOSE	236	44.2	18.8	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	19862.85	1.106117	27960.77	1.1153	
MPFDA	9015.218	8.4853	11032.16	8.485333	
MPFHxA	26837.17	5.834434	34654.1	5.843667	
MPFHxS	3065.75	6.7489	3381.675	6.758117	
MPFNA	12113.39	7.938433	13313.6	7.93845	
MPFOA	28672.26	7.32565	32529.18	7.32565	
MPFOS	6208.221	7.974433	6618.45	7.974433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	4101.519	7.93805	2758.383	7.93805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	26999.49	7.32525	21347.41	7.32525	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	72737.16	4.182517	78078.38	4.210083	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	12294.92	1.103833	110282.5	1.113017	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9650.657	9.33685	8835.792	9.346133	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-08	File ID:	QQQ36913.d
Sampled:	03/18/24 11:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:08
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	530.58 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3513.95	7.973883	2722.086	7.9739	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7466.348	8.9145	4504.371	8.905233	
M7PFUdA-EIS	14579.62	8.94775	12512.62	8.947766	
M6PFDA-EIS	14024.89	8.484883	9973.39	8.4849	
M5PFHxA-EIS	48962.68	5.8334	42836.6	5.842633	
M4PFHpA-EIS	6319.201	6.647967	5606.149	6.657217	
M3PFHxS-EIS	9251.025	6.74955	7592.414	6.758767	
M3PFBS-EIS	13275.23	5.002183	11378.54	5.020617	
M3-HFPO-DA-EIS	34558.7	6.1238	29919.29	6.133017	
M2PFTeDA-EIS	2938.911	9.981267	5639.392	9.999817	
M2-8-2FTS-EIS	30055.51	8.446967	37396.6	8.447	
M2-6-2FTS-EIS	18528.53	7.267633	18030.83	7.267633	
M2-4-2FTS-EIS	37135.79	5.767633	20002.95	5.776866	
d9-NEtFOSE-EIS	403.1215	9.993217	390.1475	9.9746	
d7-NMeFOSE-EIS	1229.675	9.734167	1113.361	9.715683	
d5-NEtFOSA-EIS	230.7397	10.0244	134.396	10.2728	
d5-N-EtFOSAA-EIS	10881.36	8.918966	8689.178	8.928284	
d3-NMeFOSA-EIS	414.1829	9.7578	262.4815	9.739533	
d3-N-MeFOSAA-EIS	14282.33	8.686584	11272.31	8.695884	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-09	File ID:	QQQ36914.d
Sampled:	03/18/24 10:30	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:24
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	518.87 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.09	J	J
307-24-4	Perfluorohexanoic acid (PFHxA)	1	2.56		J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.14	J	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.76	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	2.68		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.79	U	J
375-95-1	Perfluorononanoic acid (PFNA)	1	1.93	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.93	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.93	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.93	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.93	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.93	U	UJ
2355-31-9	N-MeFOSAA	1	1.93	U	
2991-50-6	N-EtFOSAA	1	1.93	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	2.94	J	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.93	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.84	U	UJ
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.86	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.29 UJ ~~2.37~~	J	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.40	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.71	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.43	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.85	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.85	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.85	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.81	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.23	U	
13252-13-6	HFPO-DA (Gen-X)	1	7.71	U	
763051-92-9	11CL-PF3OUdS	1	7.29	U	
756426-58-1	9CL-PF3ONS	1	7.21	U	
919005-14-4	ADONA	1	7.29	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.87	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.85	U	UJ
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.82	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	24.1	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	24.1	U	
24448-09-7	N-MeFOSE	1	19.3	U	UJ
31506-32-8	N-MeFOSA	1	1.93	U	UJ
1691-99-2	N-EtFOSE	1	19.3	U	UJ
4151-50-2	N-EtFOSA	1	1.93	U	UJ

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-09	File ID:	QQQ36914.d
Sampled:	03/18/24 10:30	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:24
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	518.87 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.5	18.5	82.3	25 - 150	
M5PFHxA	24.1	23.4	97.2	25 - 150	
M4PFHpA	24.1	21.4	88.6	25 - 150	
M3PFHxS	22.8	20.4	89.3	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.1	22.7	94.3	25 - 150	
M6PFDA	12.0	11.4	94.3	25 - 150	
M7PFUdA	12.0	9.12	75.7	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.0	7.87	65.3	25 - 150	
M2PFTeDA	12.0	3.87	32.1	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.4	9.29	9.64	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.1	21.0	91.0	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.2	40.3	83.6	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.1	17.3	71.7	10 - 150	
d3-N-MeFOSAA	48.2	27.1	56.3	25 - 150	
d5-N-EtFOSAA	48.2	29.6	61.4	25 - 150	
M2-6:2 FTS	45.8	26.0	56.7	25 - 200	
M2-8:2 FTS	46.3	33.6	72.7	25 - 200	
M9PFNA	12.0	13.0	108	25 - 150	
M2-4:2 FTS	45.2	36.2	80.2	25 - 150	
d-N-MeFOSA	24.1	0.425	1.76	25 - 150	*
d-N-EtFOSA	24.1	3.89	16.2	25 - 150	*
M3HFPO-DA	96.4	95.9	99.5	25 - 150	
d9-N-EtFOSE	241	25.8	10.7	25 - 150	*
d7-N-MeFOSE	241	41.6	17.3	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	19446.27	1.106117	27960.77	1.1153	
MPFDA	8312.191	8.476017	11032.16	8.485333	
MPFHxA	26777.12	5.834417	34654.1	5.843667	
MPFHxS	3071.377	6.748883	3381.675	6.758117	
MPFNA	11960.05	7.929133	13313.6	7.93845	
MPFOA	26932.47	7.315933	32529.18	7.32565	
MPFOS	6396.674	7.974417	6618.45	7.974433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3647.076	7.92875	2758.383	7.93805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	23722.74	7.315516	21347.41	7.32525	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	64613.41	4.1825	78078.38	4.210083	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	10267.44	1.113017	110282.5	1.113017	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9567.947	9.336833	8835.792	9.346133	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

SWS-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-09	File ID:	QQQ36914.d
Sampled:	03/18/24 10:30	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:24
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	518.87 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3026.599	7.973866	2722.086	7.9739	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7156.658	8.9052	4504.371	8.905233	
M7PFUdA-EIS	12935.87	8.93845	12512.62	8.947766	
M6PFDA-EIS	12351.42	8.4756	9973.39	8.4849	
M5PFHxA-EIS	45047.94	5.833384	42836.6	5.842633	
M4PFHpA-EIS	5968.063	6.64795	5606.149	6.657217	
M3PFHxS-EIS	8685.843	6.749533	7592.414	6.758767	
M3PFBS-EIS	12546.15	5.002167	11378.54	5.020617	
M3-HFPO-DA-EIS	30302.47	6.123767	29919.29	6.133017	
M2PFTeDA-EIS	2553.838	9.98125	5639.392	9.999817	
M2-8-2FTS-EIS	26199.81	8.437683	37396.6	8.447	
M2-6-2FTS-EIS	14983.19	7.258367	18030.83	7.267633	
M2-4-2FTS-EIS	31411.58	5.7676	20002.95	5.776866	
d9-NEtFOSE-EIS	304.0463	9.9932	390.1475	9.9746	
d7-NMeFOSE-EIS	1164.929	9.73415	1113.361	9.715683	
d5-NEtFOSA-EIS	148.8767	10.02438	134.396	10.2728	
d5-N-EtFOSAA-EIS	10445.55	8.909667	8689.178	8.928284	
d3-NMeFOSA-EIS	445.8782	9.757783	262.4815	9.739533	
d3-N-MeFOSAA-EIS	13036.64	8.6773	11272.31	8.695884	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Field Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-10 File ID: QQQ36916.d

Sampled: 03/18/24 15:00 Prepared: 03/22/24 08:58 Analyzed: 03/28/24 16:56

Solids: Preparation: EPA 1633 Prep Initial/Final: 485.29 mL / 5 mL

Batch: BC41614 Sequence: S4C2858 Calibration: SA40047 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.82	U	UJ
307-24-4	Perfluorohexanoic acid (PFHxA)	1	2.06	U	UJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	2.06	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.89	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	2.06	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.92	U	UJ
375-95-1	Perfluorononanoic acid (PFNA)	1	2.06	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	2.06	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	2.06	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	2.06	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	2.06	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	2.06	U	UJ
2355-31-9	N-MeFOSAA	1	2.06	U	
2991-50-6	N-EtFOSAA	1	2.06	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	4.12	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	2.06	U	UJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.97	U	UJ
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.99	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.29 UJ ~~2.38~~	J	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.91	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	8.24	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.67	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	4.12	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	4.12	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	4.12	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.94	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.73	U	
13252-13-6	HFPO-DA (Gen-X)	1	8.24	U	
763051-92-9	11CL-PF3OUdS	1	7.79	U	
756426-58-1	9CL-PF3ONS	1	7.71	U	
919005-14-4	ADONA	1	7.79	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	2.00	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.98	U	UJ
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	5.15	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	25.8	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	25.8	U	
24448-09-7	N-MeFOSE	1	20.6	U	UJ
31506-32-8	N-MeFOSA	1	2.06	U	
1691-99-2	N-EtFOSE	1	20.6	U	UJ
4151-50-2	N-EtFOSA	1	2.06	U	UJ

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-10	File ID:	QQQ36916.d
Sampled:	03/18/24 15:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:56
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	485.29 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	24.0	20.7	86.2	25 - 150	
M5PFHxA	25.8	24.2	94.0	25 - 150	
M4PFHpA	25.8	25.2	98.0	25 - 150	
M3PFHxS	24.4	22.9	93.9	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.8	26.0	101	25 - 150	
M6PFDA	12.9	12.0	92.9	25 - 150	
M7PFUdA	12.9	10.2	79.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.9	7.41	57.5	25 - 150	
M2PFTeDA	12.9	3.78	29.4	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	103	3.69	3.58	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.7	22.2	89.8	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	51.5	21.5	41.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.8	17.6	68.1	10 - 150	
d3-N-MeFOSAA	51.5	28.3	54.9	25 - 150	
d5-N-EtFOSAA	51.5	30.3	58.8	25 - 150	
M2-6:2 FTS	49.0	23.6	48.2	25 - 200	
M2-8:2 FTS	49.5	38.6	78.0	25 - 200	
M9PFNA	12.9	12.3	95.7	25 - 150	
M2-4:2 FTS	48.3	20.9	43.3	25 - 150	
d-N-MeFOSA	25.8	6.96	27.0	25 - 150	
d-N-EtFOSA	25.8	4.71	18.3	25 - 150	*
M3HFPO-DA	103	110	106	25 - 150	
d9-N-EtFOSE	258	16.2	6.29	25 - 150	*
d7-N-MeFOSE	258	31.1	12.1	25 - 150	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	21323.58	1.124483	27960.77	1.1153	
MPFDA	9342.055	8.494583	11032.16	8.485333	
MPFHxA	28408.71	5.843667	34654.1	5.843667	
MPFHxS	2766.378	6.758117	3381.675	6.758117	
MPFNA	13240.01	7.948033	13313.6	7.93845	
MPFOA	25935.33	7.32565	32529.18	7.32565	
MPFOS	6679.164	7.983716	6618.45	7.974433	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3579.087	7.947667	2758.383	7.93805	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	24438.19	7.32525	21347.41	7.32525	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	34331.05	4.210083	78078.38	4.210083	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	4179.923	1.122183	110282.5	1.113017	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9474.751	9.33685	8835.792	9.346133	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-10	File ID:	QQQ36916.d
Sampled:	03/18/24 15:00	Prepared:	03/22/24 08:58	Analyzed:	03/28/24 16:56
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	485.29 mL / 5 mL
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3117.845	7.983167	2722.086	7.9739	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7103.641	8.9145	4504.371	8.905233	
M7PFUdA-EIS	15237.04	8.94775	12512.62	8.947766	
M6PFDA-EIS	13676.26	8.49415	9973.39	8.4849	
M5PFHxA-EIS	46261.94	5.842633	42836.6	5.842633	
M4PFHpA-EIS	6999.273	6.657217	5606.149	6.657217	
M3PFHxS-EIS	8221.433	6.758783	7592.414	6.758767	
M3PFBS-EIS	11837.97	5.020617	11378.54	5.020617	
M3-HFPO-DA-EIS	34077.98	6.133017	29919.29	6.133017	
M2PFTeDA-EIS	2623.511	9.981267	5639.392	9.999817	
M2-8-2FTS-EIS	25324.65	8.45625	37396.6	8.447	
M2-6-2FTS-EIS	11483.13	7.267633	18030.83	7.267633	
M2-4-2FTS-EIS	15305.46	5.776866	20002.95	5.776866	
d9-NEtFOSE-EIS	185.2146	9.993217	390.1475	9.9746	
d7-NMeFOSE-EIS	849.5132	9.734167	1113.361	9.715683	
d5-NEtFOSA-EIS	173.8184	10.03362	134.396	10.2728	
d5-N-EtFOSAA-EIS	10438.12	8.92825	8689.178	8.928284	
d3-NMeFOSA-EIS	431.8435	9.7578	262.4815	9.739533	
d3-N-MeFOSAA-EIS	13265	8.69585	11272.31	8.695884	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID: QQQ36831.d

Sampled: 03/18/24 16:00 Prepared: 03/22/24 15:34 Analyzed: 03/27/24 22:31

Solids: 83.38 Preparation: EPA 1633 Prep Initial/Final: 5 g / 5 mL

Batch: BC41656 Sequence: S4C2858 Calibration: SA40047 Instrument: LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.212	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.0827	J	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.137	J	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.219	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.307		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.867		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.257		
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.240	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.240	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.240	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.240	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.240	U	UJ
2355-31-9	N-MeFOSAA	1	0.240	U	
2991-50-6	N-EtFOSAA	1	0.240	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.480	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.240	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.240	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.231	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.911	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.921	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.959	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.427	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.480	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.480	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.480	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.225	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.899	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.959	U	
763051-92-9	11CL-PF3OUdS	1	0.907	U	
756426-58-1	9CL-PF3ONS	1	0.897	U	
919005-14-4	ADONA	1	0.907	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.233	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.230	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.20	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.00	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.00	U	UJ
24448-09-7	N-MeFOSE	1	2.40	U	
31506-32-8	N-MeFOSA	1	0.240	U	
1691-99-2	N-EtFOSE	1	2.40	U	
4151-50-2	N-EtFOSA	1	0.240	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 14

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-14	File ID:	QQQ36831.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 22:31
Solids:	83.38	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.33	2.12	91.0	25 - 150	
M5PFHxA	2.50	2.13	85.3	25 - 150	
M4PFHpA	2.50	1.91	76.2	25 - 150	
M3PFHxS	2.37	2.27	95.6	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.50	100	25 - 150	
M6PFDA	1.25	1.10	88.4	25 - 150	
M7PFUdA	1.25	1.06	85.0	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.03	82.3	25 - 150	
M2PFTeDA	1.25	0.866	69.4	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	0.220	2.20	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	2.14	89.5	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	0.810	16.2	25 - 150	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.21	88.2	10 - 150	
d3-N-MeFOSAA	5.00	3.18	63.6	25 - 150	
d5-N-EtFOSAA	5.00	4.13	82.7	25 - 150	
M2-6:2 FTS	4.75	2.84	59.7	25 - 200	
M2-8:2 FTS	4.80	3.35	69.8	25 - 200	
M9PFNA	1.25	1.10	88.2	25 - 150	
M2-4:2 FTS	4.69	2.39	51.0	25 - 150	
d-N-MeFOSA	2.50	1.50	59.8	25 - 150	
d-N-EtFOSA	2.50	1.21	48.2	25 - 150	
M3HFPO-DA	10.0	8.71	87.0	25 - 150	
d9-N-EtFOSE	25.0	13.9	55.6	25 - 150	
d7-N-MeFOSE	25.0	14.7	58.8	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	16710.39	1.179567	18962.79	1.170383	
MPFDA	7872.348	8.4019	10992.83	8.438983	
MPFHxA	27024.07	5.843667	28737	5.852917	
MPFHxS	2723.97	6.701933	2881.597	6.729683	
MPFNA	11504.69	7.8549	12719.39	7.892033	
MPFOA	25776.14	7.259833	26695.19	7.2876	
MPFOS	5890.005	7.890883	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2384.892	7.854517	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	20086.86	7.25935	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	10547.96	4.2928	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1682.364	1.18645	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9497.589	9.289817	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 14

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-14	File ID:	QQQ36831.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 22:31
Solids:	83.38	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2283.504	7.8905	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	6766.591	8.914483	7723.782	8.933066	
M7PFUdA-EIS	11440.78	8.873484	10921.15	8.910617	
M6PFDA-EIS	9122.413	8.401484	9447.826	8.43855	
M5PFHxA-EIS	33324.03	5.842633	37121.51	5.851883	
M4PFHpA-EIS	4319.002	6.610917	4797.562	6.629433	
M3PFHxS-EIS	6873.361	6.702483	6638.332	6.720984	
M3PFBS-EIS	10237.75	5.057517	10335.37	5.057533	
M3-HFPO-DA-EIS	22309.48	6.114533	25347.91	6.123783	
M2PFTeDA-EIS	4346.725	9.9536	5407.271	9.97205	
M2-8-2FTS-EIS	18594.21	8.354317	10274.35	8.40065	
M2-6-2FTS-EIS	11659.09	7.202867	8568.5	7.230617	
M2-4-2FTS-EIS	14758.81	5.77685	13136.39	5.786117	
d9-NEtFOSE-EIS	1191.491	9.946917	2495.398	9.956133	
d7-NMeFOSE-EIS	3045.339	9.687917	4569.956	9.697166	
d5-NEtFOSA-EIS	345.3794	9.987567	597.0887	10.00597	
d5-N-EtFOSAA-EIS	10785.56	8.853983	9598.963	8.891117	
d3-NMeFOSA-EIS	645.5675	9.711766	1050.568	9.730267	
d3-N-MeFOSAA-EIS	11290.77	8.612433	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	QQQ36832.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 22:47
Solids:	84.10	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.210	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.238	U	UJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.238	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.218	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.271		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.594		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.238	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.238	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.238	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.238	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.238	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.238	U	UJ
2355-31-9	N-MeFOSAA	1	0.238	U	UJ
2991-50-6	N-EtFOSAA	1	0.238	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.476	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.238	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.238	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.229	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.904	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.913	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.951	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.423	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.476	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.476	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.476	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.224	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.892	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.951	U	
763051-92-9	11CL-PF3OUdS	1	0.899	U	
756426-58-1	9CL-PF3ONS	1	0.889	U	
919005-14-4	ADONA	1	0.899	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.231	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.228	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.19	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	5.94	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	5.94	U	UJ
24448-09-7	N-MeFOSE	1	2.38	U	
31506-32-8	N-MeFOSA	1	0.238	U	
1691-99-2	N-EtFOSE	1	2.38	U	
4151-50-2	N-EtFOSA	1	0.238	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	QQQ36832.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 22:47
Solids:	84.10	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.31	1.60	69.5	25 - 150	
M5PFHxA	2.48	1.85	74.6	25 - 150	
M4PFHpA	2.48	1.86	75.0	25 - 150	
M3PFHxS	2.35	1.95	82.9	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.48	2.20	88.8	25 - 150	
M6PFDA	1.24	0.975	78.8	25 - 150	
M7PFUdA	1.24	0.894	72.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	1.01	81.3	25 - 150	
M2PFTeDA	1.24	0.764	61.8	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.93	0.0985	0.992	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.37	1.93	81.4	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.95	0.155	3.12	25 - 150	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.48	1.88	75.9	10 - 150	
d3-N-MeFOSAA	4.95	2.92	59.0	25 - 150	
d5-N-EtFOSAA	4.95	3.55	71.7	25 - 150	
M2-6:2 FTS	4.71	2.17	46.2	25 - 200	
M2-8:2 FTS	4.76	3.09	65.0	25 - 200	
M9PFNA	1.24	0.990	80.1	25 - 150	
M2-4:2 FTS	4.65	1.76	37.9	25 - 150	
d-N-MeFOSA	2.48	1.29	52.0	25 - 150	
d-N-EtFOSA	2.48	1.11	44.9	25 - 150	
M3HFPO-DA	9.93	7.26	73.2	25 - 150	
d9-N-EtFOSE	24.8	13.0	52.2	25 - 150	
d7-N-MeFOSE	24.8	12.6	51.0	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	16116.59	1.152017	18962.79	1.170383	
MPFDA	8187.141	8.4575	10992.83	8.438983	
MPFHxA	26882.36	5.843667	28737	5.852917	
MPFHxS	2914.805	6.739666	2881.597	6.729683	
MPFNA	12349.29	7.910583	12719.39	7.892033	
MPFOA	25393.57	7.306684	26695.19	7.2876	
MPFOS	6262.258	7.946567	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2323.993	7.9102	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	17567.63	7.30625	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	2022.32	4.24685	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	730.7162	1.149733	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9759.163	9.336833	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	QQQ36832.d
Sampled:	03/18/24 16:00	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 22:47
Solids:	84.10	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2209.61	7.946033	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	6188.629	8.97125	7723.782	8.933066	
M7PFUdA-EIS	10039.5	8.929167	10921.15	8.910617	
M6PFDA-EIS	8455.444	8.457067	9447.826	8.43855	
M5PFHxA-EIS	28990.32	5.8519	37121.51	5.851883	
M4PFHpA-EIS	4225.473	6.6387	4797.562	6.629433	
M3PFHxS-EIS	6378.699	6.740317	6638.332	6.720984	
M3PFBS-EIS	8368.649	5.039067	10335.37	5.057533	
M3-HFPO-DA-EIS	18667.27	6.123783	25347.91	6.123783	
M2PFTeDA-EIS	4026.477	9.990566	5407.271	9.97205	
M2-8-2FTS-EIS	18527.39	8.419167	10274.35	8.40065	
M2-6-2FTS-EIS	9647.991	7.249117	8568.5	7.230617	
M2-4-2FTS-EIS	11735.34	5.776866	13136.39	5.786117	
d9-NEtFOSE-EIS	1192.81	9.983767	2495.398	9.956133	
d7-NMeFOSE-EIS	2809.052	9.7249	4569.956	9.697166	
d5-NEtFOSA-EIS	335.0822	10.02438	597.0887	10.00597	
d5-N-EtFOSAA-EIS	9941.187	8.909667	9598.963	8.891117	
d3-NMeFOSA-EIS	606.5764	9.757783	1050.568	9.730267	
d3-N-MeFOSAA-EIS	11132.17	8.668034	10497.62	8.649517	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-16	File ID:	QQQ36833.d
Sampled:	03/18/24 16:25	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 23:03
Solids:	80.50	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.220	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	0.133	J	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	0.147	J	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	0.227	U	UJ
335-67-1	Perfluorooctanoic acid (PFOA)	1	0.455		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.54		J
375-95-1	Perfluorononanoic acid (PFNA)	1	0.248	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.248	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	0.248	U	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	1	0.248	U	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	0.248	U	UJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	0.248	U	UJ
2355-31-9	N-MeFOSAA	1	0.248	U	
2991-50-6	N-EtFOSAA	1	0.248	U	UJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	0.497	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.248	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	0.248	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	0.240	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	0.944	U	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	0.954	U	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.994	U	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	0.442	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	0.497	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	0.497	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	0.497	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.234	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	0.932	U	
13252-13-6	HFPO-DA (Gen-X)	1	0.994	U	
763051-92-9	11CL-PF3OUdS	1	0.939	U	
756426-58-1	9CL-PF3ONS	1	0.929	U	
919005-14-4	ADONA	1	0.939	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	0.241	U	
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	0.239	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	1.24	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	6.21	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	6.21	U	UJ
24448-09-7	N-MeFOSE	1	2.48	U	
31506-32-8	N-MeFOSA	1	0.248	U	
1691-99-2	N-EtFOSE	1	2.48	U	
4151-50-2	N-EtFOSA	1	0.248	U	

MKP 5/9/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-16	File ID:	QQQ36833.d
Sampled:	03/18/24 16:25	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 23:03
Solids:	80.50	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
M3PFBS	2.41	1.89	78.6	25 - 150	
M5PFHxA	2.59	2.07	79.9	25 - 150	
M4PFHpA	2.59	2.04	78.6	25 - 150	
M3PFHxS	2.45	2.07	84.2	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.59	2.36	91.0	25 - 150	
M6PFDA	1.29	1.15	89.0	25 - 150	
M7PFUdA	1.29	1.21	93.9	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.29	1.11	86.3	25 - 150	
M2PFTeDA	1.29	0.928	71.8	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.4	0.238	2.29	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.48	2.06	82.9	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.17	0.718	13.9	25 - 150	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.59	2.22	85.6	10 - 150	
d3-N-MeFOSAA	5.17	3.35	64.8	25 - 150	
d5-N-EtFOSAA	5.17	3.76	72.6	25 - 150	
M2-6:2 FTS	4.92	2.30	46.8	25 - 200	
M2-8:2 FTS	4.97	2.28	45.8	25 - 200	
M9PFNA	1.29	1.32	102	25 - 150	
M2-4:2 FTS	4.86	1.98	40.7	25 - 150	
d-N-MeFOSA	2.59	1.64	63.3	25 - 150	
d-N-EtFOSA	2.59	1.27	48.9	25 - 150	
M3HFPO-DA	10.4	8.28	79.8	25 - 150	
d9-N-EtFOSE	25.9	13.9	53.7	25 - 150	
d7-N-MeFOSE	25.9	15.6	60.2	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	16388.96	1.1612	18962.79	1.170383	
MPFDA	7901.785	8.457483	10992.83	8.438983	
MPFHxA	26402.66	5.84365	28737	5.852917	
MPFHxS	2961.418	6.729683	2881.597	6.729683	
MPFNA	12216.45	7.910583	12719.39	7.892033	
MPFOA	26282.94	7.297417	26695.19	7.2876	
MPFOS	6136.367	7.946567	6476.679	7.928017	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2926.344	7.910183	2676.482	7.89165	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	18650.24	7.296983	19243.94	7.2871	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	8780.085	4.256033	62605.22	4.292817	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1716.45	1.149733	79754.95	1.177267	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9998.27	9.346084	10980.78	9.31795	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Soil Boring 15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-16	File ID:	QQQ36833.d
Sampled:	03/18/24 16:25	Prepared:	03/22/24 15:34	Analyzed:	03/27/24 23:03
Solids:	80.50	Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL
Batch:	BC41656	Sequence:	S4C2858	Calibration:	SA40047
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2204.718	7.946017	2409.84	7.927633	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	6833.821	8.961984	7723.782	8.933066	
M7PFUdA-EIS	12689.64	8.929167	10921.15	8.910617	
M6PFDA-EIS	9211.343	8.457067	9447.826	8.43855	
M5PFHxA-EIS	30474.82	5.851883	37121.51	5.851883	
M4PFHpA-EIS	4349.244	6.629433	4797.562	6.629433	
M3PFHxS-EIS	6573.148	6.730217	6638.332	6.720984	
M3PFBS-EIS	9618.431	5.0483	10335.37	5.057533	
M3-HFPO-DA-EIS	19994.44	6.123767	25347.91	6.123783	
M2PFTeDA-EIS	4512.622	10.03665	5407.271	9.97205	
M2-8-2FTS-EIS	13268.69	8.41915	10274.35	8.40065	
M2-6-2FTS-EIS	9932.18	7.239867	8568.5	7.230617	
M2-4-2FTS-EIS	12831	5.77685	13136.39	5.786117	
d9-NEtFOSE-EIS	1200.508	10.03007	2495.398	9.956133	
d7-NMeFOSE-EIS	3244.19	9.753183	4569.956	9.697166	
d5-NEtFOSA-EIS	361.8411	10.07047	597.0887	10.00597	
d5-N-EtFOSAA-EIS	9790.167	8.909667	9598.963	8.891117	
d3-NMeFOSA-EIS	715.1796	9.794434	1050.568	9.730267	
d3-N-MeFOSAA-EIS	11996.08	8.668034	10497.62	8.649517	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: PEST

METHOD: EPA 8081B

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: P7024279.D

Sampled: 03/18/24 15:50 Prepared: 03/19/24 14:06 Analyzed: 03/22/24 14:40

Solids: 57.92 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41358 Sequence: S4C2627 Calibration: SB40031 Instrument: PEST7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00284	U
72-55-9	4,4'-DDE	5	0.00284	U
50-29-3	4,4'-DDT	5	0.00284	U
309-00-2	Aldrin	5	0.00284	U
319-84-6	alpha-BHC	5	0.00284	U
5103-71-9	alpha-Chlordane	5	0.00284	U
319-85-7	beta-BHC	5	0.00284	U
319-86-8	delta-BHC	5	0.00284	U
60-57-1	Dieldrin	5	0.00284	U
959-98-8	Endosulfan I	5	0.00284	U
33213-65-9	Endosulfan II	5	0.00284	U
1031-07-8	Endosulfan sulfate	5	0.00284	U
72-20-8	Endrin	5	0.00284	U
7421-93-4	Endrin aldehyde	5	0.00284	U
53494-70-5	Endrin ketone	5	0.00284	U
58-89-9	gamma-BHC (Lindane)	5	0.00284	U
5566-34-7	gamma-Chlordane	5	0.00284	U
76-44-8	Heptachlor	5	0.00284	U
1024-57-3	Heptachlor epoxide	5	0.00284	U
72-43-5	Methoxychlor	5	0.00284	U
8001-35-2	Toxaphene	5	0.284	U
57-74-9	Chlordane, total	5	0.0568	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.115	0.0948	82.6	30 - 150	
Tetrachloro-m-xylene	0.115	0.0904	78.8	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Sed-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-02	File ID:	P7024280.D
Sampled:	03/18/24 15:15	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 14:58
Solids:	39.65	Preparation:	EPA 3550C	Initial/Final:	15.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2627	Calibration:	SB40031
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00827	U
72-55-9	4,4'-DDE	5	0.00827	U
50-29-3	4,4'-DDT	5	0.00827	U
309-00-2	Aldrin	5	0.00827	U
319-84-6	alpha-BHC	5	0.00827	U
5103-71-9	alpha-Chlordane	5	0.00827	U
319-85-7	beta-BHC	5	0.00827	U
319-86-8	delta-BHC	5	0.00827	U
60-57-1	Dieldrin	5	0.00827	U
959-98-8	Endosulfan I	5	0.00827	U
33213-65-9	Endosulfan II	5	0.00827	U
1031-07-8	Endosulfan sulfate	5	0.00827	U
72-20-8	Endrin	5	0.00827	U
7421-93-4	Endrin aldehyde	5	0.00827	U
53494-70-5	Endrin ketone	5	0.00827	U
58-89-9	gamma-BHC (Lindane)	5	0.00827	U
5566-34-7	gamma-Chlordane	5	0.00827	U
76-44-8	Heptachlor	5	0.00827	U
1024-57-3	Heptachlor epoxide	5	0.00827	U
72-43-5	Methoxychlor	5	0.00827	U
8001-35-2	Toxaphene	5	0.827	U
57-74-9	Chlordane, total	5	0.165	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.334	0.303	90.7	30 - 150	
Tetrachloro-m-xylene	0.334	0.328	98.1	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Sed-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-03	File ID:	P7024281.D
Sampled:	03/18/24 15:00	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 15:16
Solids:	47.60	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2627	Calibration:	SB40031
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00345	U
72-55-9	4,4'-DDE	5	0.00345	U
50-29-3	4,4'-DDT	5	0.00345	U
309-00-2	Aldrin	5	0.00345	U
319-84-6	alpha-BHC	5	0.00345	U
5103-71-9	alpha-Chlordane	5	0.00345	U
319-85-7	beta-BHC	5	0.00345	U
319-86-8	delta-BHC	5	0.00345	U
60-57-1	Dieldrin	5	0.00345	U
959-98-8	Endosulfan I	5	0.00345	U
33213-65-9	Endosulfan II	5	0.00345	U
1031-07-8	Endosulfan sulfate	5	0.00345	U
72-20-8	Endrin	5	0.00345	U
7421-93-4	Endrin aldehyde	5	0.00345	U
53494-70-5	Endrin ketone	5	0.00345	U
58-89-9	gamma-BHC (Lindane)	5	0.00345	U
5566-34-7	gamma-Chlordane	5	0.00345	U
76-44-8	Heptachlor	5	0.00345	U
1024-57-3	Heptachlor epoxide	5	0.00345	U
72-43-5	Methoxychlor	5	0.00345	U
8001-35-2	Toxaphene	5	0.345	U
57-74-9	Chlordane, total	5	0.0691	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.140	0.127	91.1	30 - 150	
Tetrachloro-m-xylene	0.140	0.114	81.9	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID: P7024282.D

Sampled: 03/18/24 16:00 Prepared: 03/19/24 14:06 Analyzed: 03/22/24 15:34

Solids: 34.18 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41358 Sequence: S4C2627 Calibration: SB40031 Instrument: PEST7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00481	U
72-55-9	4,4'-DDE	5	0.00481	U
50-29-3	4,4'-DDT	5	0.00481	U
309-00-2	Aldrin	5	0.00481	U
319-84-6	alpha-BHC	5	0.00481	U
5103-71-9	alpha-Chlordane	5	0.00481	U
319-85-7	beta-BHC	5	0.00481	U
319-86-8	delta-BHC	5	0.00481	U
60-57-1	Dieldrin	5	0.00481	U
959-98-8	Endosulfan I	5	0.00481	U
33213-65-9	Endosulfan II	5	0.00481	U
1031-07-8	Endosulfan sulfate	5	0.00481	U
72-20-8	Endrin	5	0.00481	U
7421-93-4	Endrin aldehyde	5	0.00481	U
53494-70-5	Endrin ketone	5	0.00481	U
58-89-9	gamma-BHC (Lindane)	5	0.00481	U
5566-34-7	gamma-Chlordane	5	0.00481	U
76-44-8	Heptachlor	5	0.00481	U
1024-57-3	Heptachlor epoxide	5	0.00481	U
72-43-5	Methoxychlor	5	0.00481	U
8001-35-2	Toxaphene	5	0.481	U
57-74-9	Chlordane, total	5	0.0962	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.194	0.177	90.8	30 - 150	
Tetrachloro-m-xylene	0.194	0.166	85.3	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: P7024283.D

Sampled: 03/18/24 15:35 Prepared: 03/19/24 14:06 Analyzed: 03/22/24 15:52

Solids: 68.95 Preparation: EPA 3550C Initial/Final: 15.1 g / 10 mL

Batch: BC41358 Sequence: S4C2627 Calibration: SB40031 Instrument: PEST7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00475	U
72-55-9	4,4'-DDE	5	0.00475	U
50-29-3	4,4'-DDT	5	0.00475	U
309-00-2	Aldrin	5	0.00475	U
319-84-6	alpha-BHC	5	0.00475	U
5103-71-9	alpha-Chlordane	5	0.00475	U
319-85-7	beta-BHC	5	0.00475	U
319-86-8	delta-BHC	5	0.00475	U
60-57-1	Dieldrin	5	0.00475	U
959-98-8	Endosulfan I	5	0.00475	U
33213-65-9	Endosulfan II	5	0.00475	U
1031-07-8	Endosulfan sulfate	5	0.00475	U
72-20-8	Endrin	5	0.00475	U
7421-93-4	Endrin aldehyde	5	0.00475	U
53494-70-5	Endrin ketone	5	0.00475	U
58-89-9	gamma-BHC (Lindane)	5	0.00475	U
5566-34-7	gamma-Chlordane	5	0.00475	U
76-44-8	Heptachlor	5	0.00475	U
1024-57-3	Heptachlor epoxide	5	0.00475	U
72-43-5	Methoxychlor	5	0.00475	U
8001-35-2	Toxaphene	5	0.475	U
57-74-9	Chlordane, total	5	0.0951	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.192	0.165	86.0	30 - 150	
Tetrachloro-m-xylene	0.192	0.182	94.6	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: P7024284.D

Sampled: 03/18/24 13:05 Prepared: 03/19/24 14:06 Analyzed: 03/22/24 16:10

Solids: 68.83 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41358 Sequence: S4C2627 Calibration: SB40031 Instrument: PEST7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00239	U
72-55-9	4,4'-DDE	5	0.00239	U
50-29-3	4,4'-DDT	5	0.00239	U
309-00-2	Aldrin	5	0.00239	U
319-84-6	alpha-BHC	5	0.00239	U
5103-71-9	alpha-Chlordane	5	0.00239	U
319-85-7	beta-BHC	5	0.00239	U
319-86-8	delta-BHC	5	0.00239	U
60-57-1	Dieldrin	5	0.00239	U
959-98-8	Endosulfan I	5	0.00239	U
33213-65-9	Endosulfan II	5	0.00239	U
1031-07-8	Endosulfan sulfate	5	0.00239	U
72-20-8	Endrin	5	0.00239	U
7421-93-4	Endrin aldehyde	5	0.00239	U
53494-70-5	Endrin ketone	5	0.00239	U
58-89-9	gamma-BHC (Lindane)	5	0.00239	U
5566-34-7	gamma-Chlordane	5	0.00239	U
76-44-8	Heptachlor	5	0.00239	U
1024-57-3	Heptachlor epoxide	5	0.00239	U
72-43-5	Methoxychlor	5	0.00239	U
8001-35-2	Toxaphene	5	0.239	U
57-74-9	Chlordane, total	5	0.0478	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0965	0.0716	74.2	30 - 150	
Tetrachloro-m-xylene	0.0965	0.0702	72.7	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SWS-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-07	File ID:	P600430075.D
Sampled:	03/18/24 13:00	Prepared:	03/22/24 08:11	Analyzed:	03/22/24 20:32
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BC41592	Sequence:	S4C2247	Calibration:	SC40039
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00400	U
72-55-9	4,4'-DDE	1	0.00400	U
50-29-3	4,4'-DDT	1	0.00400	U
309-00-2	Aldrin	1	0.00400	U
319-84-6	alpha-BHC	1	0.00400	U
5103-71-9	alpha-Chlordane	1	0.00400	U
319-85-7	beta-BHC	1	0.00400	U
319-86-8	delta-BHC	1	0.00400	U
60-57-1	Dieldrin	1	0.00200	U
959-98-8	Endosulfan I	1	0.00400	U
33213-65-9	Endosulfan II	1	0.00400	U
1031-07-8	Endosulfan sulfate	1	0.00400	U
72-20-8	Endrin	1	0.00400	U
7421-93-4	Endrin aldehyde	1	0.0100	U
53494-70-5	Endrin ketone	1	0.0100	U
58-89-9	gamma-BHC (Lindane)	1	0.00400	U
5566-34-7	gamma-Chlordane	1	0.0100	U
76-44-8	Heptachlor	1	0.00400	U
1024-57-3	Heptachlor epoxide	1	0.00400	U
72-43-5	Methoxychlor	1	0.00400	U
8001-35-2	Toxaphene	1	0.100	U
57-74-9	Chlordane, total	1	0.200	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.200	0.100	50.0	30 - 150	
Tetrachloro-m-xylene	0.200	0.120	60.2	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SWS-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-08	File ID:	P600430076.D
Sampled:	03/18/24 11:00	Prepared:	03/22/24 08:11	Analyzed:	03/22/24 20:49
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BC41592	Sequence:	S4C2247	Calibration:	SC40039
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00400	U
72-55-9	4,4'-DDE	1	0.00400	U
50-29-3	4,4'-DDT	1	0.00400	U
309-00-2	Aldrin	1	0.00400	U
319-84-6	alpha-BHC	1	0.00400	U
5103-71-9	alpha-Chlordane	1	0.00400	U
319-85-7	beta-BHC	1	0.00400	U
319-86-8	delta-BHC	1	0.00400	U
60-57-1	Dieldrin	1	0.00200	U
959-98-8	Endosulfan I	1	0.00400	U
33213-65-9	Endosulfan II	1	0.00400	U
1031-07-8	Endosulfan sulfate	1	0.00400	U
72-20-8	Endrin	1	0.00400	U
7421-93-4	Endrin aldehyde	1	0.0100	U
53494-70-5	Endrin ketone	1	0.0100	U
58-89-9	gamma-BHC (Lindane)	1	0.00400	U
5566-34-7	gamma-Chlordane	1	0.0100	U
76-44-8	Heptachlor	1	0.00400	U
1024-57-3	Heptachlor epoxide	1	0.00400	U
72-43-5	Methoxychlor	1	0.00400	U
8001-35-2	Toxaphene	1	0.100	U
57-74-9	Chlordane, total	1	0.200	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.200	0.101	50.6	30 - 150	
Tetrachloro-m-xylene	0.200	0.111	55.4	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SWS-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-09	File ID:	P600430077.D
Sampled:	03/18/24 10:30	Prepared:	03/22/24 08:11	Analyzed:	03/22/24 21:05
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BC41592	Sequence:	S4C2247	Calibration:	SC40039
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00400	U
72-55-9	4,4'-DDE	1	0.00400	U
50-29-3	4,4'-DDT	1	0.00400	U
309-00-2	Aldrin	1	0.00400	U
319-84-6	alpha-BHC	1	0.00400	U
5103-71-9	alpha-Chlordane	1	0.00400	U
319-85-7	beta-BHC	1	0.00400	U
319-86-8	delta-BHC	1	0.00400	U
60-57-1	Dieldrin	1	0.00200	U
959-98-8	Endosulfan I	1	0.00400	U
33213-65-9	Endosulfan II	1	0.00400	U
1031-07-8	Endosulfan sulfate	1	0.00400	U
72-20-8	Endrin	1	0.00400	U
7421-93-4	Endrin aldehyde	1	0.0100	U
53494-70-5	Endrin ketone	1	0.0100	U
58-89-9	gamma-BHC (Lindane)	1	0.00400	U
5566-34-7	gamma-Chlordane	1	0.0100	U
76-44-8	Heptachlor	1	0.00400	U
1024-57-3	Heptachlor epoxide	1	0.00400	U
72-43-5	Methoxychlor	1	0.00400	U
8001-35-2	Toxaphene	1	0.100	U
57-74-9	Chlordane, total	1	0.200	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.200	0.113	56.5	30 - 150	
Tetrachloro-m-xylene	0.200	0.111	55.5	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID: P7024285.D

Sampled: 03/18/24 16:00 Prepared: 03/19/24 14:06 Analyzed: 03/22/24 16:28

Solids: 83.38 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41358 Sequence: S4C2627 Calibration: SB40031 Instrument: PEST7

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00197	U
72-55-9	4,4'-DDE	5	0.00197	U
50-29-3	4,4'-DDT	5	0.00197	U
309-00-2	Aldrin	5	0.00197	U
319-84-6	alpha-BHC	5	0.00197	U
5103-71-9	alpha-Chlordane	5	0.00197	U
319-85-7	beta-BHC	5	0.00197	U
319-86-8	delta-BHC	5	0.00197	U
60-57-1	Dieldrin	5	0.00197	U
959-98-8	Endosulfan I	5	0.00197	U
33213-65-9	Endosulfan II	5	0.00197	U
1031-07-8	Endosulfan sulfate	5	0.00197	U
72-20-8	Endrin	5	0.00197	U
7421-93-4	Endrin aldehyde	5	0.00197	U
53494-70-5	Endrin ketone	5	0.00197	U
58-89-9	gamma-BHC (Lindane)	5	0.00197	U
5566-34-7	gamma-Chlordane	5	0.00197	U
76-44-8	Heptachlor	5	0.00197	U
1024-57-3	Heptachlor epoxide	5	0.00197	U
72-43-5	Methoxychlor	5	0.00197	U
8001-35-2	Toxaphene	5	0.197	U
57-74-9	Chlordane, total	5	0.0394	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0797	0.0629	78.9	30 - 150	
Tetrachloro-m-xylene	0.0797	0.0608	76.3	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	P600429964.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:06	Analyzed:	03/21/24 02:56
Solids:	84.10	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2158	Calibration:	SC40039
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00196	U
72-55-9	4,4'-DDE	5	0.00196	U
50-29-3	4,4'-DDT	5	0.00196	U
309-00-2	Aldrin	5	0.00196	U
319-84-6	alpha-BHC	5	0.00196	U
5103-71-9	alpha-Chlordane	5	0.00196	U
319-85-7	beta-BHC	5	0.00196	U
319-86-8	delta-BHC	5	0.00196	U
60-57-1	Dieldrin	5	0.00196	U
959-98-8	Endosulfan I	5	0.00196	U
33213-65-9	Endosulfan II	5	0.00196	U
1031-07-8	Endosulfan sulfate	5	0.00196	U
72-20-8	Endrin	5	0.00196	U
7421-93-4	Endrin aldehyde	5	0.00196	U
53494-70-5	Endrin ketone	5	0.00196	U
58-89-9	gamma-BHC (Lindane)	5	0.00196	U
5566-34-7	gamma-Chlordane	5	0.00196	U
76-44-8	Heptachlor	5	0.00196	U
1024-57-3	Heptachlor epoxide	5	0.00196	U
72-43-5	Methoxychlor	5	0.00196	U
8001-35-2	Toxaphene	5	0.196	U
57-74-9	Chlordane, total	5	0.0391	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0790	0.0610	77.2	30 - 150	
Tetrachloro-m-xylene	0.0790	0.0635	80.4	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID: P600429965.D

Sampled: 03/18/24 16:25 Prepared: 03/19/24 14:06 Analyzed: 03/21/24 03:13

Solids: 80.50 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41358 Sequence: S4C2158 Calibration: SC40039 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00204	U
72-55-9	4,4'-DDE	5	0.00204	U
50-29-3	4,4'-DDT	5	0.00204	U
309-00-2	Aldrin	5	0.00204	U
319-84-6	alpha-BHC	5	0.00204	U
5103-71-9	alpha-Chlordane	5	0.00204	U
319-85-7	beta-BHC	5	0.00204	U
319-86-8	delta-BHC	5	0.00204	U
60-57-1	Dieldrin	5	0.00204	U
959-98-8	Endosulfan I	5	0.00204	U
33213-65-9	Endosulfan II	5	0.00204	U
1031-07-8	Endosulfan sulfate	5	0.00204	U
72-20-8	Endrin	5	0.00204	U
7421-93-4	Endrin aldehyde	5	0.00204	U
53494-70-5	Endrin ketone	5	0.00204	U
58-89-9	gamma-BHC (Lindane)	5	0.00204	U
5566-34-7	gamma-Chlordane	5	0.00204	U
76-44-8	Heptachlor	5	0.00204	U
1024-57-3	Heptachlor epoxide	5	0.00204	U
72-43-5	Methoxychlor	5	0.00204	U
8001-35-2	Toxaphene	5	0.204	U
57-74-9	Chlordane, total	5	0.0409	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0825	0.0436	52.8	30 - 150	
Tetrachloro-m-xylene	0.0825	0.0469	56.8	30 - 150	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: ARO

METHOD: EPA 8082A

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Sed-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-01	File ID:	P1141579.D
Sampled:	03/18/24 15:50	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 04:39
Solids:	57.92	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0287	U
11104-28-2	Aroclor 1221	1	0.0287	U
11141-16-5	Aroclor 1232	1	0.0287	U
53469-21-9	Aroclor 1242	1	0.0287	U
12672-29-6	Aroclor 1248	1	0.0287	U
11097-69-1	Aroclor 1254	1	0.0287	U
11096-82-5	Aroclor 1260	1	0.0287	U
37324-23-5	Aroclor 1262	1	0.0287	U
11100-14-4	Aroclor 1268	1	0.0287	U
1336-36-3	Total PCBs	1	0.0287	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.115	0.0826	72.0	30 - 120	
Decachlorobiphenyl	0.115	0.0711	62.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Sed-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-02	File ID:	P1141580.D
Sampled:	03/18/24 15:15	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 04:53
Solids:	39.65	Preparation:	EPA 3550C	Initial/Final:	15.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0835	U
11104-28-2	Aroclor 1221	1	0.0835	U
11141-16-5	Aroclor 1232	1	0.0835	U
53469-21-9	Aroclor 1242	1	0.0835	U
12672-29-6	Aroclor 1248	1	0.0835	U
11097-69-1	Aroclor 1254	1	0.0835	U
11096-82-5	Aroclor 1260	1	0.0835	U
37324-23-5	Aroclor 1262	1	0.0835	U
11100-14-4	Aroclor 1268	1	0.0835	U
1336-36-3	Total PCBs	1	0.0835	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.334	0.256	76.5	30 - 120	
Decachlorobiphenyl	0.334	0.249	74.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Sed-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-03	File ID:	P1141581.D
Sampled:	03/18/24 15:00	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 05:07
Solids:	47.60	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0349	U
11104-28-2	Aroclor 1221	1	0.0349	U
11141-16-5	Aroclor 1232	1	0.0349	U
53469-21-9	Aroclor 1242	1	0.0349	U
12672-29-6	Aroclor 1248	1	0.0349	U
11097-69-1	Aroclor 1254	1	0.0349	U
11096-82-5	Aroclor 1260	1	0.0349	U
37324-23-5	Aroclor 1262	1	0.0349	U
11100-14-4	Aroclor 1268	1	0.0349	U
1336-36-3	Total PCBs	1	0.0349	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.140	0.0970	69.5	30 - 120	
Decachlorobiphenyl	0.140	0.0893	64.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Sed-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-04	File ID:	P1141582.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 05:20
Solids:	34.18	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0486	U
11104-28-2	Aroclor 1221	1	0.0486	U
11141-16-5	Aroclor 1232	1	0.0486	U
53469-21-9	Aroclor 1242	1	0.0486	U
12672-29-6	Aroclor 1248	1	0.0486	U
11097-69-1	Aroclor 1254	1	0.0486	U
11096-82-5	Aroclor 1260	1	0.0486	U
37324-23-5	Aroclor 1262	1	0.0486	U
11100-14-4	Aroclor 1268	1	0.0486	U
1336-36-3	Total PCBs	1	0.0486	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.194	0.150	77.0	30 - 120	
Decachlorobiphenyl	0.194	0.139	71.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Sed-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-05	File ID:	P1141583.D
Sampled:	03/18/24 15:35	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 05:34
Solids:	68.95	Preparation:	EPA 3550C	Initial/Final:	15.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0480	U
11104-28-2	Aroclor 1221	1	0.0480	U
11141-16-5	Aroclor 1232	1	0.0480	U
53469-21-9	Aroclor 1242	1	0.0480	U
12672-29-6	Aroclor 1248	1	0.0480	U
11097-69-1	Aroclor 1254	1	0.0480	U
11096-82-5	Aroclor 1260	1	0.0480	U
37324-23-5	Aroclor 1262	1	0.0480	U
11100-14-4	Aroclor 1268	1	0.0480	U
1336-36-3	Total PCBs	1	0.0480	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.192	0.128	66.5	30 - 120	
Decachlorobiphenyl	0.192	0.118	61.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: P1141584.D

Sampled: 03/18/24 13:05 Prepared: 03/19/24 14:06 Analyzed: 03/22/24 05:48

Solids: 68.83 Preparation: EPA 3550C Initial/Final: 30.1 g / 10 mL

Batch: BC41358 Sequence: S4C2161 Calibration: SB40036 Instrument: ECD#1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0241	U
11104-28-2	Aroclor 1221	1	0.0241	U
11141-16-5	Aroclor 1232	1	0.0241	U
53469-21-9	Aroclor 1242	1	0.0241	U
12672-29-6	Aroclor 1248	1	0.0241	U
11097-69-1	Aroclor 1254	1	0.0241	U
11096-82-5	Aroclor 1260	1	0.0241	U
37324-23-5	Aroclor 1262	1	0.0241	U
11100-14-4	Aroclor 1268	1	0.0241	U
1336-36-3	Total PCBs	1	0.0241	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0965	0.0536	55.5	30 - 120	
Decachlorobiphenyl	0.0965	0.0516	53.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SWS-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-07	File ID:	P1141633.D
Sampled:	03/18/24 13:00	Prepared:	03/22/24 08:11	Analyzed:	03/22/24 20:07
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BC41592	Sequence:	S4C2253	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0500	U
11104-28-2	Aroclor 1221	1	0.0500	U
11141-16-5	Aroclor 1232	1	0.0500	U
53469-21-9	Aroclor 1242	1	0.0500	U
12672-29-6	Aroclor 1248	1	0.0500	U
11097-69-1	Aroclor 1254	1	0.0500	U
11096-82-5	Aroclor 1260	1	0.0500	U
37324-23-5	Aroclor 1262	1	0.0500	U
11100-14-4	Aroclor 1268	1	0.0500	U
1336-36-3	Total PCBs	1	0.0500	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.200	0.143	71.5	30 - 120	
Decachlorobiphenyl	0.200	0.164	82.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SWS-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-08	File ID:	P1141634.D
Sampled:	03/18/24 11:00	Prepared:	03/22/24 08:11	Analyzed:	03/22/24 20:21
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BC41592	Sequence:	S4C2253	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0500	U
11104-28-2	Aroclor 1221	1	0.0500	U
11141-16-5	Aroclor 1232	1	0.0500	U
53469-21-9	Aroclor 1242	1	0.0500	U
12672-29-6	Aroclor 1248	1	0.0500	U
11097-69-1	Aroclor 1254	1	0.0500	U
11096-82-5	Aroclor 1260	1	0.0500	U
37324-23-5	Aroclor 1262	1	0.0500	U
11100-14-4	Aroclor 1268	1	0.0500	U
1336-36-3	Total PCBs	1	0.0500	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.200	0.138	69.0	30 - 120	
Decachlorobiphenyl	0.200	0.150	75.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SWS-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-09	File ID:	P1141635.D
Sampled:	03/18/24 10:30	Prepared:	03/22/24 08:11	Analyzed:	03/22/24 20:34
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BC41592	Sequence:	S4C2253	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0500	U
11104-28-2	Aroclor 1221	1	0.0500	U
11141-16-5	Aroclor 1232	1	0.0500	U
53469-21-9	Aroclor 1242	1	0.0500	U
12672-29-6	Aroclor 1248	1	0.0500	U
11097-69-1	Aroclor 1254	1	0.0500	U
11096-82-5	Aroclor 1260	1	0.0500	U
37324-23-5	Aroclor 1262	1	0.0500	U
11100-14-4	Aroclor 1268	1	0.0500	U
1336-36-3	Total PCBs	1	0.0500	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.200	0.147	73.5	30 - 120	
Decachlorobiphenyl	0.200	0.169	84.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Soil Boring 14

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-14	File ID:	P1141585.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 06:02
Solids:	83.38	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0199	U
11104-28-2	Aroclor 1221	1	0.0199	U
11141-16-5	Aroclor 1232	1	0.0199	U
53469-21-9	Aroclor 1242	1	0.0199	U
12672-29-6	Aroclor 1248	1	0.0199	U
11097-69-1	Aroclor 1254	1	0.0199	U
11096-82-5	Aroclor 1260	1	0.0199	U
37324-23-5	Aroclor 1262	1	0.0199	U
11100-14-4	Aroclor 1268	1	0.0199	U
1336-36-3	Total PCBs	1	0.0199	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0797	0.0530	66.5	30 - 120	
Decachlorobiphenyl	0.0797	0.0506	63.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	P1141586.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 06:15
Solids:	84.10	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0197	U
11104-28-2	Aroclor 1221	1	0.0197	U
11141-16-5	Aroclor 1232	1	0.0197	U
53469-21-9	Aroclor 1242	1	0.0197	U
12672-29-6	Aroclor 1248	1	0.0197	U
11097-69-1	Aroclor 1254	1	0.0197	U
11096-82-5	Aroclor 1260	1	0.0197	U
37324-23-5	Aroclor 1262	1	0.0197	U
11100-14-4	Aroclor 1268	1	0.0197	U
1336-36-3	Total PCBs	1	0.0197	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0790	0.0514	65.0	30 - 120	
Decachlorobiphenyl	0.0790	0.0486	61.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

Soil Boring 15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-16	File ID:	P1141587.D
Sampled:	03/18/24 16:25	Prepared:	03/19/24 14:06	Analyzed:	03/22/24 06:29
Solids:	80.50	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BC41358	Sequence:	S4C2161	Calibration:	SB40036
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0206	U
11104-28-2	Aroclor 1221	1	0.0206	U
11141-16-5	Aroclor 1232	1	0.0206	U
53469-21-9	Aroclor 1242	1	0.0206	U
12672-29-6	Aroclor 1248	1	0.0206	U
11097-69-1	Aroclor 1254	1	0.0206	U
11096-82-5	Aroclor 1260	1	0.0206	U
37324-23-5	Aroclor 1262	1	0.0206	U
11100-14-4	Aroclor 1268	1	0.0206	U
1336-36-3	Total PCBs	1	0.0206	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0825	0.0396	48.0	30 - 120	
Decachlorobiphenyl	0.0825	0.0400	48.5	30 - 120	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: SVOA

METHOD: EPA 8270D SIM

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Sed-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-01	File ID:	E800075621.D
Sampled:	03/18/24 15:50	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 01:10
Solids:	57.92	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	350	71.5	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Sed-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-02	File ID:	E800075622.D
Sampled:	03/18/24 15:15	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 01:27
Solids:	39.65	Preparation:	EPA 3550C	Initial/Final:	10.9 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	18.3	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	459	286	62.3	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Sed-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-03	File ID:	E800075623.D
Sampled:	03/18/24 15:00	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 01:45
Solids:	47.60	Preparation:	EPA 3550C	Initial/Final:	10.3 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.4	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	485	317	65.2	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Sed-4

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-04	File ID:	E800075624.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 02:02
Solids:	34.18	Preparation:	EPA 3550C	Initial/Final:	10.3 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.4	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	485	290	59.7	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Sed-5

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-05	File ID:	E800075625.D
Sampled:	03/18/24 15:35	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 02:20
Solids:	68.95	Preparation:	EPA 3550C	Initial/Final:	10.7 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	18.7	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	467	300	64.3	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Sed-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-06	File ID:	E800075627.D
Sampled:	03/18/24 13:05	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 02:55
Solids:	68.83	Preparation:	EPA 3550C	Initial/Final:	10.3 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.4	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	485	304	62.6	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Soil Boring 14

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-14	File ID:	E800075628.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 03:12
Solids:	83.38	Preparation:	EPA 3550C	Initial/Final:	10.4 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.2	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	481	313	65.1	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Soil Boring 14 Dup

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-15	File ID:	E800075629.D
Sampled:	03/18/24 16:00	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 03:29
Solids:	84.10	Preparation:	EPA 3550C	Initial/Final:	10.8 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	18.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	463	286	61.7	39 - 127.5	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

Soil Boring 15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-16	File ID:	E800075630.D
Sampled:	03/18/24 16:25	Prepared:	03/19/24 14:16	Analyzed:	03/26/24 03:47
Solids:	80.50	Preparation:	EPA 3550C	Initial/Final:	10.2 g / 10 mL
Batch:	BC41362	Sequence:	S4C2614	Calibration:	SC40043
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
123-91-1	1,4-Dioxane	1	19.6	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	490	312	63.6	39 - 127.5	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: SVOA

METHOD: EPA 8270E SIM

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 8270E SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134

Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270E SIM

SWS-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-07	File ID:	E800075681.D
Sampled:	03/18/24 13:00	Prepared:	03/21/24 12:55	Analyzed:	03/26/24 20:44
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BC41548	Sequence:	S4C2710	Calibration:	SC40048
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	1.86	46.4	36.6 - 118	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270E SIM

SWS-2

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-08	File ID:	E800075682.D
Sampled:	03/18/24 11:00	Prepared:	03/21/24 12:55	Analyzed:	03/26/24 21:01
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BC41548	Sequence:	S4C2710	Calibration:	SC40048
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.304	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	1.94	48.4	36.6 - 118	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270E SIM

SWS-3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24C1134-09	File ID:	E800075683.D
Sampled:	03/18/24 10:30	Prepared:	03/21/24 12:55	Analyzed:	03/26/24 21:19
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BC41548	Sequence:	S4C2710	Calibration:	SC40048
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	1.93	48.3	36.6 - 118	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: METALS

METHOD: EPA 6020B

DATA PACKAGE COVER PAGE

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-07 File ID: QBIMX032224A-053

Sampled: 03/18/24 13:00 Prepared: 03/22/24 08:30 Analyzed: 03/22/24 13:06

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC41601 Sequence: S4C2227 Calibration: 03/22/24 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	1.11	1	U	EPA 6020B	UJ
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	1.11	1	U	EPA 6020B	
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-08 File ID: QBIMX032224A-054

Sampled: 03/18/24 11:00 Prepared: 03/22/24 08:30 Analyzed: 03/22/24 13:09

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC41601 Sequence: S4C2227 Calibration: 03/22/24 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	1.11	1	U	EPA 6020B	UJ
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	1.11	1	U	EPA 6020B	
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-09 File ID: QBIMX032224A-055

Sampled: 03/18/24 10:30 Prepared: 03/22/24 08:30 Analyzed: 03/22/24 13:13

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC41601 Sequence: S4C2227 Calibration: 03/22/24 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method	
7440-36-0	Antimony	1.11	1	U	EPA 6020B	
7440-38-2	Arsenic	1.11	1	U	EPA 6020B	UJ
7440-41-7	Beryllium	0.333	1	U	EPA 6020B	
7440-43-9	Cadmium	0.556	1	U	EPA 6020B	
7782-49-2	Selenium	1.11	1	U	EPA 6020B	
7440-28-0	Thallium	1.11	1	U	EPA 6020B	

MKP 5/9/2024

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: METALS

METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID: QBICP2-032624ARE_1-089

Sampled: 03/18/24 15:50 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 12:59

Solids: 57.92 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	27700	1		EPA 6010D	
7440-36-0	Antimony	3.60	1	U	EPA 6010D	
7440-38-2	Arsenic	8.36	1		EPA 6010D	
7440-39-3	Barium	175	1		EPA 6010D	
7440-41-7	Beryllium	1.17	1		EPA 6010D	
7440-43-9	Cadmium	0.432	1	U	EPA 6010D	UJ
7440-70-2	Calcium	3340	1		EPA 6010D	
7440-47-3	Chromium	29.1	1		EPA 6010D	
7440-48-4	Cobalt	13.8	1		EPA 6010D	
7440-50-8	Copper	25.4	1		EPA 6010D	
7439-89-6	Iron	30700	1		EPA 6010D	
7439-92-1	Lead	37.0	1		EPA 6010D	
7439-95-4	Magnesium	5940	1		EPA 6010D	
7439-96-5	Manganese	741	1		EPA 6010D	
7440-02-0	Nickel	27.3	1		EPA 6010D	
7440-09-7	Potassium	2900	1		EPA 6010D	J-
7782-49-2	Selenium	5.86	1		EPA 6010D	
7440-22-4	Silver	0.725	1	U	EPA 6010D	
7440-23-5	Sodium	437	1		EPA 6010D	
7440-28-0	Thallium	3.60	1	U	EPA 6010D	
7440-62-2	Vanadium	40.3	1		EPA 6010D	
7440-66-6	Zinc	110	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID: QBICP2-032624ARE_1-090

Sampled: 03/18/24 15:15 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 13:02

Solids: 39.65 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	11500	1		EPA 6010D	
7440-36-0	Antimony	5.25	1	U	EPA 6010D	
7440-38-2	Arsenic	6.67	1		EPA 6010D	
7440-39-3	Barium	105	1		EPA 6010D	
7440-41-7	Beryllium	0.595	1		EPA 6010D	
7440-43-9	Cadmium	0.631	1	U	EPA 6010D	UJ
7440-70-2	Calcium	6000	1		EPA 6010D	
7440-47-3	Chromium	16.4	1		EPA 6010D	
7440-48-4	Cobalt	9.08	1		EPA 6010D	
7440-50-8	Copper	32.0	1		EPA 6010D	
7439-89-6	Iron	20300	1		EPA 6010D	
7439-92-1	Lead	24.8	1		EPA 6010D	
7439-95-4	Magnesium	4560	1		EPA 6010D	
7439-96-5	Manganese	733	1		EPA 6010D	
7440-02-0	Nickel	20.1	1		EPA 6010D	
7440-09-7	Potassium	1610	1		EPA 6010D	J-
7782-49-2	Selenium	5.25	1	U	EPA 6010D	
7440-22-4	Silver	1.06	1	U	EPA 6010D	
7440-23-5	Sodium	250	1		EPA 6010D	
7440-28-0	Thallium	5.25	1	U	EPA 6010D	
7440-62-2	Vanadium	20.2	1		EPA 6010D	
7440-66-6	Zinc	96.2	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID: QBICP2-032624ARE_1-091

Sampled: 03/18/24 15:00 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 13:05

Solids: 47.60 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	17800	1		EPA 6010D	
7440-36-0	Antimony	4.38	1	U	EPA 6010D	
7440-38-2	Arsenic	9.78	1		EPA 6010D	
7440-39-3	Barium	102	1		EPA 6010D	
7440-41-7	Beryllium	0.782	1		EPA 6010D	
7440-43-9	Cadmium	0.525	1	U	EPA 6010D	UJ
7440-70-2	Calcium	9610	1		EPA 6010D	
7440-47-3	Chromium	22.6	1		EPA 6010D	
7440-48-4	Cobalt	9.64	1		EPA 6010D	
7440-50-8	Copper	41.7	1		EPA 6010D	
7439-89-6	Iron	27900	1		EPA 6010D	
7439-92-1	Lead	52.6	1		EPA 6010D	
7439-95-4	Magnesium	8590	1		EPA 6010D	
7439-96-5	Manganese	507	1		EPA 6010D	
7440-02-0	Nickel	26.0	1		EPA 6010D	
7440-09-7	Potassium	1710	1		EPA 6010D	J-
7782-49-2	Selenium	4.38	1	U	EPA 6010D	
7440-22-4	Silver	0.882	1	U	EPA 6010D	
7440-23-5	Sodium	139	1		EPA 6010D	
7440-28-0	Thallium	4.38	1	U	EPA 6010D	
7440-62-2	Vanadium	28.8	1		EPA 6010D	
7440-66-6	Zinc	149	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID: QBICP2-032624ARE_1-092

Sampled: 03/18/24 16:00 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 13:08

Solids: 34.18 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	33000	1		EPA 6010D	
7440-36-0	Antimony	6.09	1	U	EPA 6010D	
7440-38-2	Arsenic	13.5	1		EPA 6010D	
7440-39-3	Barium	230	1		EPA 6010D	
7440-41-7	Beryllium	1.37	1		EPA 6010D	
7440-43-9	Cadmium	0.731	1	U	EPA 6010D	UJ
7440-70-2	Calcium	4410	1		EPA 6010D	
7440-47-3	Chromium	36.8	1		EPA 6010D	
7440-48-4	Cobalt	17.8	1		EPA 6010D	
7440-50-8	Copper	32.5	1		EPA 6010D	
7439-89-6	Iron	39400	1		EPA 6010D	
7439-92-1	Lead	47.1	1		EPA 6010D	
7439-95-4	Magnesium	7270	1		EPA 6010D	
7439-96-5	Manganese	858	1		EPA 6010D	
7440-02-0	Nickel	34.1	1		EPA 6010D	
7440-09-7	Potassium	3200	1		EPA 6010D	J-
7782-49-2	Selenium	7.96	1		EPA 6010D	
7440-22-4	Silver	1.23	1	U	EPA 6010D	
7440-23-5	Sodium	341	1		EPA 6010D	
7440-28-0	Thallium	6.09	1	U	EPA 6010D	
7440-62-2	Vanadium	50.9	1		EPA 6010D	
7440-66-6	Zinc	148	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID: QBICP2-032624ARE_1-093

Sampled: 03/18/24 15:35 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 13:10

Solids: 68.95 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	5430	1		EPA 6010D	
7440-36-0	Antimony	3.02	1	U	EPA 6010D	
7440-38-2	Arsenic	2.31	1		EPA 6010D	
7440-39-3	Barium	22.7	1		EPA 6010D	
7440-41-7	Beryllium	0.647	1		EPA 6010D	
7440-43-9	Cadmium	0.363	1	U	EPA 6010D	UJ
7440-70-2	Calcium	87600	1		EPA 6010D	
7440-47-3	Chromium	5.19	1		EPA 6010D	
7440-48-4	Cobalt	2.85	1		EPA 6010D	
7440-50-8	Copper	12.6	1		EPA 6010D	
7439-89-6	Iron	11100	1		EPA 6010D	
7439-92-1	Lead	10.8	1		EPA 6010D	
7439-95-4	Magnesium	50800	1		EPA 6010D	
7439-96-5	Manganese	210	1		EPA 6010D	
7440-02-0	Nickel	10.4	1		EPA 6010D	
7440-09-7	Potassium	973	1		EPA 6010D	J-
7782-49-2	Selenium	3.02	1	U	EPA 6010D	
7440-22-4	Silver	0.609	1	U	EPA 6010D	
7440-23-5	Sodium	125	1		EPA 6010D	
7440-28-0	Thallium	3.02	1	U	EPA 6010D	
7440-62-2	Vanadium	24.9	1		EPA 6010D	
7440-66-6	Zinc	36.8	1		EPA 6010D	

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FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID: QBICP2-032624ARE_1-094

Sampled: 03/18/24 13:05 Prepared: 03/23/24 12:52 Analyzed: 03/26/24 13:13

Solids: 68.83 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41686 Sequence: S4C2713 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	7140	1		EPA 6010D	
7440-36-0	Antimony	3.03	1	U	EPA 6010D	
7440-38-2	Arsenic	3.01	1		EPA 6010D	
7440-39-3	Barium	29.7	1		EPA 6010D	
7440-41-7	Beryllium	0.559	1		EPA 6010D	
7440-43-9	Cadmium	0.434	1		EPA 6010D	J-
7440-70-2	Calcium	78300	1		EPA 6010D	
7440-47-3	Chromium	14.4	1		EPA 6010D	
7440-48-4	Cobalt	3.36	1		EPA 6010D	
7440-50-8	Copper	39.4	1		EPA 6010D	
7439-89-6	Iron	11200	1		EPA 6010D	
7439-92-1	Lead	23.8	1		EPA 6010D	
7439-95-4	Magnesium	46100	1		EPA 6010D	
7439-96-5	Manganese	172	1		EPA 6010D	
7440-02-0	Nickel	12.8	1		EPA 6010D	
7440-09-7	Potassium	1810	1		EPA 6010D	J-
7782-49-2	Selenium	3.03	1	U	EPA 6010D	
7440-22-4	Silver	0.610	1	U	EPA 6010D	
7440-23-5	Sodium	160	1		EPA 6010D	
7440-28-0	Thallium	3.03	1	U	EPA 6010D	
7440-62-2	Vanadium	15.3	1		EPA 6010D	
7440-66-6	Zinc	124	1		EPA 6010D	

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EPA 6010D

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-07 File ID: QBICP2-032724ARE_1-053

Sampled: 03/18/24 13:00 Prepared: 03/25/24 08:34 Analyzed: 03/27/24 13:10

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC41749 Sequence: S4C2737 Calibration: 03/27/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.0676	1		EPA 6010D	J
7440-39-3	Barium	0.0346	1		EPA 6010D	
7440-70-2	Calcium	53.7	1		EPA 6010D	
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	
7439-89-6	Iron	1.00	1		EPA 6010D	
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	13.0	1	B	EPA 6010D	
7439-96-5	Manganese	0.167	1		EPA 6010D	
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	1.55	1		EPA 6010D	
7440-22-4	Silver	0.00556	1	U	EPA 6010D	
7440-23-5	Sodium	61.0	1		EPA 6010D	J-
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	
7440-66-6	Zinc	0.0278	1	U	EPA 6010D	

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EPA 6010D

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-08 File ID: QBICP2-032724ARE_1-060

Sampled: 03/18/24 11:00 Prepared: 03/25/24 08:34 Analyzed: 03/27/24 13:30

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC41749 Sequence: S4C2737 Calibration: 03/27/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.0278	1	U	EPA 6010D
7440-70-2	Calcium	33.4	1		EPA 6010D
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7439-89-6	Iron	0.579	1		EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	6.68	1	B	EPA 6010D
7439-96-5	Manganese	0.128	1		EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	1.13	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	23.9	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0278	1	U	EPA 6010D

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EPA 6010D

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-09 File ID: QBICP2-032724ARE_1-061

Sampled: 03/18/24 10:30 Prepared: 03/25/24 08:34 Analyzed: 03/27/24 13:33

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BC41749 Sequence: S4C2737 Calibration: 03/27/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.0556	1	U	EPA 6010D
7440-39-3	Barium	0.0278	1	U	EPA 6010D
7440-70-2	Calcium	32.8	1		EPA 6010D
7440-47-3	Chromium	0.00556	1	U	EPA 6010D
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D
7440-50-8	Copper	0.0222	1	U	EPA 6010D
7439-89-6	Iron	0.343	1		EPA 6010D
7439-92-1	Lead	0.00556	1	U	EPA 6010D
7439-95-4	Magnesium	6.63	1	B	EPA 6010D
7439-96-5	Manganese	0.0977	1		EPA 6010D
7440-02-0	Nickel	0.0111	1	U	EPA 6010D
7440-09-7	Potassium	1.08	1		EPA 6010D
7440-22-4	Silver	0.00556	1	U	EPA 6010D
7440-23-5	Sodium	23.3	1		EPA 6010D
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D
7440-66-6	Zinc	0.0278	1	U	EPA 6010D

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EPA 6010D

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID: QBICP2-032624ARE_1-095

Sampled: 03/18/24 16:00 Prepared: 03/25/24 14:04 Analyzed: 03/26/24 13:16

Solids: 83.38 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41771 Sequence: S4C2719 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	15400	1		EPA 6010D	
7440-36-0	Antimony	2.50	1	U	EPA 6010D	
7440-38-2	Arsenic	10.4	1		EPA 6010D	J-
7440-39-3	Barium	75.7	1		EPA 6010D	
7440-41-7	Beryllium	0.622	1		EPA 6010D	J-
7440-43-9	Cadmium	0.300	1	U	EPA 6010D	UJ
7440-70-2	Calcium	7760	1		EPA 6010D	
7440-47-3	Chromium	17.1	1		EPA 6010D	
7440-48-4	Cobalt	10.6	1		EPA 6010D	
7440-50-8	Copper	47.9	1		EPA 6010D	
7439-89-6	Iron	27200	1		EPA 6010D	
7439-92-1	Lead	42.1	1		EPA 6010D	J-
7439-95-4	Magnesium	8320	1		EPA 6010D	
7439-96-5	Manganese	1190	1		EPA 6010D	
7440-02-0	Nickel	24.7	1		EPA 6010D	
7440-09-7	Potassium	1300	1		EPA 6010D	J-
7782-49-2	Selenium	3.70	1		EPA 6010D	
7440-22-4	Silver	0.504	1	U	EPA 6010D	UJ
7440-23-5	Sodium	50.0	1	U	EPA 6010D	
7440-28-0	Thallium	2.50	1	U	EPA 6010D	
7440-62-2	Vanadium	19.5	1		EPA 6010D	
7440-66-6	Zinc	115	1		EPA 6010D	UJ

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EPA 6010D

Soil Boring 14 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-15 File ID: QBICP2-032624ARE_1-096

Sampled: 03/18/24 16:00 Prepared: 03/25/24 14:04 Analyzed: 03/26/24 13:18

Solids: 84.10 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41771 Sequence: S4C2719 Calibration: 03/26/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	17000	1		EPA 6010D	
7440-36-0	Antimony	2.48	1	U	EPA 6010D	
7440-38-2	Arsenic	11.4	1		EPA 6010D	J-
7440-39-3	Barium	74.1	1		EPA 6010D	
7440-41-7	Beryllium	0.551	1		EPA 6010D	J-
7440-43-9	Cadmium	0.297	1	U	EPA 6010D	UJ
7440-70-2	Calcium	7160	1		EPA 6010D	
7440-47-3	Chromium	18.6	1		EPA 6010D	
7440-48-4	Cobalt	10.3	1		EPA 6010D	
7440-50-8	Copper	50.9	1		EPA 6010D	
7439-89-6	Iron	30400	1		EPA 6010D	
7439-92-1	Lead	36.6	1		EPA 6010D	J-
7439-95-4	Magnesium	9420	1		EPA 6010D	
7439-96-5	Manganese	1240	1		EPA 6010D	
7440-02-0	Nickel	27.4	1		EPA 6010D	
7440-09-7	Potassium	1420	1		EPA 6010D	J-
7782-49-2	Selenium	5.90	1		EPA 6010D	
7440-22-4	Silver	0.499	1	U	EPA 6010D	UJ
7440-23-5	Sodium	49.5	1	U	EPA 6010D	
7440-28-0	Thallium	2.48	1	U	EPA 6010D	
7440-62-2	Vanadium	20.0	1		EPA 6010D	
7440-66-6	Zinc	113	1		EPA 6010D	J-

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EPA 6010D

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID: QBICP2-032624BRE_1-061

Sampled: 03/18/24 16:25 Prepared: 03/22/24 14:58 Analyzed: 03/26/24 20:18

Solids: 80.50 Preparation: EPA 3050B Initial/Final: 0.6 g / 50 mL

Batch: BC41653 Sequence: S4C2709 Calibration: 03/26/24 2 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7429-90-5	Aluminum	18800	1		EPA 6010D
7440-36-0	Antimony	2.59	1	U	EPA 6010D
7440-38-2	Arsenic	10.3	1		EPA 6010D
7440-39-3	Barium	80.5	1		EPA 6010D
7440-41-7	Beryllium	0.606	1		EPA 6010D
7440-43-9	Cadmium	0.384	1		EPA 6010D
7440-70-2	Calcium	5490	1		EPA 6010D
7440-47-3	Chromium	19.6	1		EPA 6010D
7440-48-4	Cobalt	9.98	1		EPA 6010D
7440-50-8	Copper	36.6	1		EPA 6010D
7439-89-6	Iron	28600	1		EPA 6010D
7439-92-1	Lead	34.5	1		EPA 6010D
7439-95-4	Magnesium	7930	1		EPA 6010D
7439-96-5	Manganese	951	1		EPA 6010D
7440-02-0	Nickel	25.0	1		EPA 6010D
7440-09-7	Potassium	1280	1		EPA 6010D
7782-49-2	Selenium	2.59	1	U	EPA 6010D
7440-22-4	Silver	0.522	1	U	EPA 6010D
7440-23-5	Sodium	138	1		EPA 6010D
7440-28-0	Thallium	2.59	1	U	EPA 6010D
7440-62-2	Vanadium	20.7	1		EPA 6010D
7440-66-6	Zinc	102	1		EPA 6010D

J-

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York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: HG

METHOD: EPA 7473

No data validation qualifiers were added

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DATA PACKAGE COVER PAGE

EPA 7473

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/18/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

Sed-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-01	File ID:	
Sampled:	03/18/24 15:50	Prepared:	03/26/24 09:37	Analyzed:	03/27/24 09:11
Solids:	57.92	Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g
Batch:	BC41839	Sequence:	S4C2702	Calibration:	03/27/24 0
Instrument:	DMA 80-02				

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0836	1		EPA 7473

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EPA 7473

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID:

Sampled: 03/18/24 15:15 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 39.65 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.101	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID:

Sampled: 03/18/24 15:00 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 47.60 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0693	1		EPA 7473

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EPA 7473

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 34.18 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.130	1		EPA 7473

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EPA 7473

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID:

Sampled: 03/18/24 15:35 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 68.95 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0435	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

Sed-6

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Soil	Laboratory ID:	24C1134-06	File ID:	
Sampled:	03/18/24 13:05	Prepared:	03/26/24 09:37	Analyzed:	03/27/24 09:11
Solids:	68.83	Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g
Batch:	BC41839	Sequence:	S4C2702	Calibration:	03/27/24 0
Instrument:	DMA 80-02				

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0436	1	U	EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 83.38 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0706	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

Soil Boring 14 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-15 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 84.10 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0697	1		EPA 7473

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID:

Sampled: 03/18/24 16:25 Prepared: 03/26/24 09:37 Analyzed: 03/27/24 09:11

Solids: 80.50 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BC41839 Sequence: S4C2702 Calibration: 03/27/24 0 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0832	1		EPA 7473

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: HG

METHOD: EPA 7470

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 7470

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/30/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-07 File ID: QBHg03252024A-112

Sampled: 03/18/24 13:00 Prepared: 03/25/24 08:12 Analyzed: 03/25/24 08:12

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BC41732 Sequence: Calibration: 03/25/24 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-08 File ID: QBHg03252024A-113

Sampled: 03/18/24 11:00 Prepared: 03/25/24 08:12 Analyzed: 03/25/24 08:12

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BC41732 Sequence: Calibration: 03/25/24 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-09 File ID: QBHg03252024A-114

Sampled: 03/18/24 10:30 Prepared: 03/25/24 08:12 Analyzed: 03/25/24 08:12

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BC41732 Sequence: Calibration: 03/25/24 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: WET

METHOD: EPA 9014/9010C

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

EPA 9014/9010C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID:

Sampled: 03/18/24 15:50 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 57.92 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.863	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID:

Sampled: 03/18/24 15:15 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 39.65 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	1.26	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID:

Sampled: 03/18/24 15:00 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 47.60 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	1.05	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 34.18 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	1.46	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID:

Sampled: 03/18/24 15:35 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 68.95 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.725	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID:

Sampled: 03/18/24 13:05 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 68.83 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.726	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 83.38 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.600	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Soil Boring 14 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-15 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 84.10 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.594	1	U	EPA 9014/9010C

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 9014/9010C

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID:

Sampled: 03/18/24 16:25 Prepared: 03/20/24 14:42 Analyzed: 03/20/24 19:36

Solids: 80.50 Preparation: Analysis Preparation Soil Initial/Final: 1 g / 50 mL

Batch: BC41463 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.621	1	U	EPA 9014/9010C

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: WET

METHOD: SM 4500 CN C-2016 / E-2016

No data validation qualifiers were added

MKP 5/9/2024

DATA PACKAGE COVER PAGE

SM 4500 CN C-2016 / E-2016

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
SWS-1	24C1134-07
SWS-2	24C1134-08
SWS-3	24C1134-09

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Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-07 File ID:

Sampled: 03/18/24 13:00 Prepared: 03/20/24 14:39 Analyzed: 03/20/24 17:26

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BC41462 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

SWS-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-08 File ID:

Sampled: 03/18/24 11:00 Prepared: 03/20/24 14:39 Analyzed: 03/20/24 17:26

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BC41462 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

SWS-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24C1134-09 File ID:

Sampled: 03/18/24 10:30 Prepared: 03/20/24 14:39 Analyzed: 03/20/24 17:26

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BC41462 Sequence: Calibration: 03/20/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

York Analytical Laboratories, Inc. - Stratford

SDG: 24C1134

CLASS: WET

METHOD: SM 2540G

No data validation qualifiers were added

DATA PACKAGE COVER PAGE

SM 2540G

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
Sed-1	24C1134-01
Sed-2	24C1134-02
Sed-3	24C1134-03
Sed-4	24C1134-04
Sed-5	24C1134-05
Sed-6	24C1134-06
Soil Boring 12B	24C1134-11
Soil Boring 13A	24C1134-12
Soil Boring 13B	24C1134-13
Soil Boring 14	24C1134-14
Soil Boring 14 Dup	24C1134-15
Soil Boring 15	24C1134-16

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Signature:
Name: Cassie L. Mosher

Date: 4/16/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-01 File ID:

Sampled: 03/18/24 15:50 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 57.92 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	57.9	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Sed-2

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-02 File ID:

Sampled: 03/18/24 15:15 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 39.65 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	39.6	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Sed-3

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-03 File ID:

Sampled: 03/18/24 15:00 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 47.60 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	47.6	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Sed-4

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-04 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 34.18 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	34.2	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Sed-5

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-05 File ID:

Sampled: 03/18/24 15:35 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 68.95 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	69.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Sed-6

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-06 File ID:

Sampled: 03/18/24 13:05 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 68.83 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	68.8	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Soil Boring 12B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-11 File ID:

Sampled: 03/18/24 10:45 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 78.26 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	78.3	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Soil Boring 13A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-12 File ID:

Sampled: 03/18/24 09:36 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 88.33 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	88.3	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Soil Boring 13B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-13 File ID:

Sampled: 03/18/24 09:47 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 71.98 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	72.0	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Soil Boring 14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-14 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 83.38 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	83.4	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Soil Boring 14 Dup

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-15 File ID:

Sampled: 03/18/24 16:00 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 84.10 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	84.1	1		SM 2540G

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

Soil Boring 15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24C1134

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Soil Laboratory ID: 24C1134-16 File ID:

Sampled: 03/18/24 16:25 Prepared: 03/21/24 13:56 Analyzed: 03/21/24 16:13

Solids: 80.50 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BC41556 Sequence: Calibration: 03/21/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	80.5	1		SM 2540G

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41615	Laboratory ID:	BC41615-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	45.1	90.3	74 - 131
Methylcyclohexane	50.0	42.8	85.7	70 - 130
Methylene chloride	50.0	47.9	95.9	57 - 141
Naphthalene	50.0	46.7	93.3	86 - 141
n-Butylbenzene	50.0	48.5	97.1	80 - 130
n-Propylbenzene	50.0	48.9	97.9	74 - 136
o-Xylene	50.0	48.1	96.2	83 - 123
p- & m- Xylenes	100	94.4	94.4	82 - 128
p-Diethylbenzene	50.0	47.7	95.3	70 - 144
p-Ethyltoluene	50.0	49.8	99.5	84 - 123
p-Isopropyltoluene	50.0	48.8	97.7	85 - 125
sec-Butylbenzene	50.0	48.4	96.8	83 - 125
Styrene	50.0	48.1	96.2	86 - 126
tert-Amyl alcohol (TAA)	500	449	89.9	70 - 130
tert-Amyl methyl ether (TAME)	50.0	47.0	93.9	70 - 130
tert-Butyl alcohol (TBA)	250	235	93.9	70 - 130
tert-Butylbenzene	50.0	47.6	95.3	80 - 127
Tetrachloroethylene	50.0	30.6	61.3 *	80 - 129
Tetrahydrofuran	50.0	43.7	87.3	64 - 137
Toluene	50.0	46.8	93.7	85 - 121
trans-1,2-Dichloroethylene	50.0	46.6	93.2	72 - 132
trans-1,3-Dichloropropylene	50.0	45.5	90.9	78 - 132
trans-1,4-dichloro-2-butene	50.0	49.2	98.4	75 - 135
Trichloroethylene	50.0	44.4	88.8	84 - 123
Trichlorofluoromethane	50.0	47.4	94.9	62 - 140
Vinyl acetate	50.0	69.7	139 *	67 - 136
Vinyl Chloride	50.0	43.7	87.5	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41615	Laboratory ID:	BC41615-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	46.2	92.4		2.34	30	74 - 131
Methylcyclohexane	50.0	43.4	86.7		1.21	30	70 - 130
Methylene chloride	50.0	48.8	97.5		1.72	30	57 - 141
Naphthalene	50.0	46.9	93.8		0.534	30	86 - 141
n-Butylbenzene	50.0	47.9	95.7		1.39	30	80 - 130
n-Propylbenzene	50.0	48.8	97.6		0.327	30	74 - 136
o-Xylene	50.0	48.6	97.2		1.08	30	83 - 123
p- & m- Xylenes	100	95.5	95.5		1.18	30	82 - 128
p-Diethylbenzene	50.0	46.6	93.3		2.18	30	70 - 144
p-Ethyltoluene	50.0	49.8	99.6		0.100	30	84 - 123
p-Isopropyltoluene	50.0	48.1	96.2		1.46	30	85 - 125
sec-Butylbenzene	50.0	48.4	96.8		0.0413	30	83 - 125
Styrene	50.0	48.6	97.2		0.993	30	86 - 126
tert-Amyl alcohol (TAA)	500	461	92.2		2.58	30	70 - 130
tert-Amyl methyl ether (TAME)	50.0	48.2	96.3		2.48	30	70 - 130
tert-Butyl alcohol (TBA)	250	247	98.6		4.97	30	70 - 130
tert-Butylbenzene	50.0	47.4	94.7		0.611	30	80 - 127
Tetrachloroethylene	50.0	31.0	61.9	*	1.01	30	80 - 129
Tetrahydrofuran	50.0	46.1	92.2		5.46	30	64 - 137
Toluene	50.0	47.0	94.0		0.298	30	85 - 121
trans-1,2-Dichloroethylene	50.0	46.5	93.0		0.215	30	72 - 132
trans-1,3-Dichloropropylene	50.0	47.0	94.0		3.35	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	50.1	100		1.79	30	75 - 135
Trichloroethylene	50.0	44.4	88.8		0.0225	30	84 - 123
Trichlorofluoromethane	50.0	46.5	93.0		1.98	30	62 - 140
Vinyl acetate	50.0	72.2	144	*	3.59	30	67 - 136
Vinyl Chloride	50.0	43.7	87.4		0.114	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41615	Laboratory ID:	BC41615-BS2
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	49.4	98.8	74 - 131
Methylcyclohexane	50.0	44.8	89.6	70 - 130
Methylene chloride	50.0	49.5	99.0	57 - 141
Naphthalene	50.0	50.8	102	86 - 141
n-Butylbenzene	50.0	50.3	101	80 - 130
n-Propylbenzene	50.0	51.6	103	74 - 136
o-Xylene	50.0	49.0	98.0	83 - 123
p- & m- Xylenes	100	97.5	97.5	82 - 128
p-Diethylbenzene	50.0	49.4	98.8	70 - 144
p-Ethyltoluene	50.0	53.1	106	84 - 123
p-Isopropyltoluene	50.0	50.7	101	85 - 125
sec-Butylbenzene	50.0	51.0	102	83 - 125
Styrene	50.0	49.5	99.0	86 - 126
tert-Amyl alcohol (TAA)	500	524	105	70 - 130
tert-Amyl methyl ether (TAME)	50.0	50.8	102	70 - 130
tert-Butyl alcohol (TBA)	250	257	103	70 - 130
tert-Butylbenzene	50.0	50.8	102	80 - 127
Tetrachloroethylene	50.0	29.6	59.2 *	80 - 129
Tetrahydrofuran	50.0	47.8	95.6	64 - 137
Toluene	50.0	48.9	97.7	85 - 121
trans-1,2-Dichloroethylene	50.0	48.4	96.7	72 - 132
trans-1,3-Dichloropropylene	50.0	50.2	100	78 - 132
trans-1,4-dichloro-2-butene	50.0	52.4	105	75 - 135
Trichloroethylene	50.0	45.7	91.5	84 - 123
Trichlorofluoromethane	50.0	49.8	99.5	62 - 140
Vinyl acetate	50.0	78.3	157 *	67 - 136
Vinyl Chloride	50.0	44.8	89.5	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41616	Laboratory ID:	BC41616-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	45.8	91.7	74 - 131
Methylcyclohexane	50.0	49.3	98.6	70 - 130
Methylene chloride	50.0	42.1	84.2	57 - 141
Naphthalene	50.0	54.8	110	86 - 141
n-Butylbenzene	50.0	46.3	92.6	80 - 130
n-Propylbenzene	50.0	46.2	92.5	74 - 136
o-Xylene	50.0	46.4	92.8	83 - 123
p- & m- Xylenes	100	88.0	88.0	82 - 128
p-Diethylbenzene	50.0	46.5	93.0	70 - 144
p-Ethyltoluene	50.0	46.1	92.1	84 - 123
p-Isopropyltoluene	50.0	46.6	93.3	85 - 125
sec-Butylbenzene	50.0	47.3	94.7	83 - 125
Styrene	50.0	47.3	94.6	86 - 126
tert-Amyl alcohol (TAA)	500	439	87.8	70 - 130
tert-Amyl methyl ether (TAME)	50.0	44.1	88.2	70 - 130
tert-Butyl alcohol (TBA)	250	202	80.9	70 - 130
tert-Butylbenzene	50.0	47.1	94.2	80 - 127
Tetrachloroethylene	50.0	33.3	66.6 *	80 - 129
Tetrahydrofuran	50.0	46.8	93.7	64 - 137
Toluene	50.0	47.7	95.4	85 - 121
trans-1,2-Dichloroethylene	50.0	45.4	90.8	72 - 132
trans-1,3-Dichloropropylene	50.0	44.2	88.4	78 - 132
trans-1,4-dichloro-2-butene	50.0	49.7	99.4	75 - 135
Trichloroethylene	50.0	47.7	95.4	84 - 123
Trichlorofluoromethane	50.0	40.0	79.9	62 - 140
Vinyl acetate	50.0	64.4	129	67 - 136
Vinyl Chloride	50.0	39.8	79.6	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41616	Laboratory ID:	BC41616-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methyl tert-butyl ether (MTBE)	50.0	52.9	106		14.3	30	74 - 131
Methylcyclohexane	50.0	57.2	114		14.8	30	70 - 130
Methylene chloride	50.0	48.1	96.2		13.4	30	57 - 141
Naphthalene	50.0	61.9	124		12.2	30	86 - 141
n-Butylbenzene	50.0	53.7	107		14.9	30	80 - 130
n-Propylbenzene	50.0	53.6	107		14.6	30	74 - 136
o-Xylene	50.0	52.9	106		13.1	30	83 - 123
p- & m- Xylenes	100	101	101		13.7	30	82 - 128
p-Diethylbenzene	50.0	54.2	108		15.2	30	70 - 144
p-Ethyltoluene	50.0	53.7	107		15.4	30	84 - 123
p-Isopropyltoluene	50.0	54.5	109		15.5	30	85 - 125
sec-Butylbenzene	50.0	54.9	110		14.9	30	83 - 125
Styrene	50.0	53.9	108		13.0	30	86 - 126
tert-Amyl alcohol (TAA)	500	506	101		14.3	30	70 - 130
tert-Amyl methyl ether (TAME)	50.0	49.9	99.8		12.3	30	70 - 130
tert-Butyl alcohol (TBA)	250	241	96.4		17.5	30	70 - 130
tert-Butylbenzene	50.0	54.8	110		15.1	30	80 - 127
Tetrachloroethylene	50.0	38.8	77.5	*	15.1	30	80 - 129
Tetrahydrofuran	50.0	52.8	106		12.0	30	64 - 137
Toluene	50.0	54.4	109		13.1	30	85 - 121
trans-1,2-Dichloroethylene	50.0	53.0	106		15.3	30	72 - 132
trans-1,3-Dichloropropylene	50.0	50.4	101		13.1	30	78 - 132
trans-1,4-dichloro-2-butene	50.0	55.9	112		11.7	30	75 - 135
Trichloroethylene	50.0	54.5	109		13.2	30	84 - 123
Trichlorofluoromethane	50.0	48.6	97.1		19.4	30	62 - 140
Vinyl acetate	50.0	71.8	144	*	10.9	30	67 - 136
Vinyl Chloride	50.0	48.8	97.5		20.2	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40032
Instrument: VOA No. 3
Calibration Date: 03/13/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2354838	10.91497	8.966572	2.584644E-02			20	
1,1,1-Trichloroethane	1.508969	10.70678	5.193143	5.772525E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5175089	9.032545	10.32057	2.284114E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.008261	11.00782	3.004	6.509127E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.2068774	8.579547	7.879572	1.704823E-02			SPCC (0.1)	
1,1-Dichloroethane	1.921156	12.23411	4.209857	3.096539E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.366592	11.88328	3.041	2.061588E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.397078	12.94216	5.343143	3.458248E-02			20	
1,2,3-Trichlorobenzene	0.6345899	8.217824	14.24171	8.432847E-03			20	
1,2,3-Trichloropropane	0.161538	8.800006	10.36857	0.0167153			20	
1,2,3-Trimethylbenzene	2.328906	9.072664	11.44229	1.393685E-02			20	
1,2,4,5-Tetramethylbenzene	2.256446	13.47415	12.62486	2.615544E-02			20	
1,2,4-Trichlorobenzene	0.7189411	8.913403	13.66671	1.573499E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.481911	11.04767	10.957	2.065589E-02			20	
1,2-Dibromo-3-chloropropane	7.781736E-02	18.22064	12.78043	0.0235351		0.9994609	SPCC (0.05)	
1,2-Dibromoethane	0.186991	9.491808	8.408572	1.484814E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.180387	6.385381	11.85243	1.064965E-02			SPCC (0.4)	
1,2-Dichloroethane	1.161676	12.08354	5.623571	0.0234017			SPCC (0.1)	
1,2-Dichloropropane	0.3046348	9.873288	6.41	2.011633E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.611541	11.94955	10.53086	2.277121E-02			20	
1,3-Dichlorobenzene	1.407632	8.973743	11.31871	1.137173E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3850896	8.939919	8.046286	2.575221E-02			20	
1,4-Dichlorobenzene	1.38204	8.897935	11.42114	1.269212E-02			SPCC (0.5)	
1,4-Dioxane	1.953066E-03	9.690159	6.549428	3.778625E-02			20	
2,2-Dichloropropane	1.397796	10.59242	4.729286	2.238108E-02			20	
2-Butanone	0.0892455	16.67144	4.792572	2.012054E-02		0.9996264	SPCC (0.1)	
2-Chloroethylvinyl ether	0.0364868	19.86391	6.954143	0.02968		0.9983055	0.99	
2-Chlorotoluene	2.517428	12.65885	10.47314	2.136432E-02			20	
2-Hexanone	0.1564147	20.77026	8.089572	3.353164E-02		0.9985036	SPCC (0.1)	
2-Nitropropane	7.414569E-02	23.37181	6.952143	3.250268E-02		0.9994354	0.99	
4-Chlorotoluene	2.310867	12.64775	10.59643	2.411795E-02			20	
4-Methyl-2-pentanone	0.208182	15.49932	7.242286	2.299735E-02		0.999731	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40032
Instrument: VOA No. 3
Calibration Date: 03/13/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Methyl Methacrylate	0.1480524	15.42438	6.475571	2.288983E-02		0.9998005	0.99	
Methyl tert-butyl ether (MTBE)	2.09476	7.537242	3.754286	4.496781E-02			SPCC (0.1)	
Methylcyclohexane	0.6089655	11.00685	6.276714	0.0298092			SPCC (0.1)	
Methylene chloride	2.499784	66.53022	3.563143	4.101315E-02		0.9884163	SPCC (0.1)	*
Naphthalene	1.447355	11.97962	13.96743	7.553855E-03			20	
n-Butylbenzene	3.363845	13.00494	11.76043	2.203662E-02			20	
Nitrobenzene	1.649006E-02	43.12212	13.0388	3.020603E-02		0.9999896	0.99	
n-Propylbenzene	3.940041	13.51083	10.34186	1.856515E-02			20	
o-Xylene	1.052691	11.53054	9.509	1.064357E-02			SPCC (0.3)	
p- & m- Xylenes	1.051346	11.07523	9.070428	8.373962E-03			SPCC (0.1)	
p-Diethylbenzene	1.670125	10.96011	11.73014	2.817156E-02			20	
p-Ethyltoluene	3.10919	9.317632	10.46471	1.982544E-02			20	
p-Isopropyltoluene	2.882136	11.15833	11.29357	1.568166E-02			20	
sec-Butylbenzene	3.571006	12.57729	11.13614	7.689993E-03			20	
Styrene	0.8235585	11.50498	9.539857	2.126854E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.14695	12.30699	5.550857	2.188627E-02			20	
SURR: p-Bromofluorobenzene	1.096881	1.24596	10.11257	6.921527E-03			20	
SURR: Toluene-d8	1.389636	1.612475	7.334429	0.0232565			20	
tert-Amyl alcohol (TAA)	4.322861E-02	6.734594	5.586571	3.249172E-02			20	
tert-Amyl methyl ether (TAME)	2.367087	4.304172	5.599429	4.782791E-02			20	
tert-Butyl alcohol (TBA)	6.141681E-02	13.01976	3.693714	6.418881E-02			20	
tert-Butylbenzene	2.314662	11.94743	10.89343	6.668684E-03			20	
Tetrachloroethylene	0.4352318	11.97821	7.941857	2.369608E-02			SPCC (0.2)	
Tetrahydrofuran	0.2235383	10.20337	5.026571	2.706594E-02			20	
Toluene	1.294434	10.687	7.402286	2.070048E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.509129	14.54454	3.787143	3.638635E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.3187263	15.20006	7.678714	1.876636E-02		0.9998589	SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5661633	6.858962	10.36986	1.945648E-02			20	
Trichloroethylene	0.308722	10.29413	6.158571	3.155398E-02			SPCC (0.2)	
Trichlorofluoromethane	1.598012	14.11144	2.512428	0.10669			SPCC (0.1)	
Vinyl acetate	1.112627	9.184313	4.240143	3.302035E-02			20	
Vinyl Chloride	1.278169	11.4455	1.828	0.01737			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40034
Instrument: MS VOA 2
Calibration Date: 03/17/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2156169	11.47534	9.098	1.449882E-02			20	
1,1,1-Trichloroethane	1.52281	10.72017	5.294	8.756309E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5997616	11.54128	10.45443	3.156875E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.9101756	13.49544	3.069857	7.570611E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.2232541	11.33006	7.994428	1.953482E-03			SPCC (0.1)	
1,1-Dichloroethane	1.674319	10.50957	4.292286	6.671339E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.249297	11.57581	3.105	2.267185E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.318255	11.03224	5.443429	5.862373E-02			20	
1,2,3-Trichlorobenzene	0.8388309	12.08754	14.41486	1.337913E-02			20	
1,2,3-Trichloropropane	0.2014814	13.42035	10.50514	2.733832E-02			20	
1,2,3-Trimethylbenzene	1.931578	12.2373	11.59714	2.119257E-02			20	
1,2,4,5-Tetramethylbenzene	2.25597	10.98772	12.78686	1.087316E-02			20	
1,2,4-Trichlorobenzene	0.8198381	11.55581	13.83586	1.784641E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.900271	9.87493	11.10743	0.0290905			20	
1,2-Dibromo-3-chloropropane	0.1262707	13.48235	12.93557	2.705709E-02			SPCC (0.05)	
1,2-Dibromoethane	0.2245058	8.883823	8.531	1.607594E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.058278	10.40295	12.00686	2.274074E-02			SPCC (0.4)	
1,2-Dichloroethane	1.287949	10.48009	5.720714	1.408208E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2398781	10.208	6.518143	3.022454E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.879925	10.69366	10.67786	1.926103E-02			20	
1,3-Dichlorobenzene	1.105427	10.14054	11.46914	2.359025E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3784413	9.77166	8.165	2.405924E-02			20	
1,4-Dichlorobenzene	1.117335	10.54931	11.573	1.241196E-02			SPCC (0.5)	
1,4-Dioxane	3.484374E-03	11.74926	6.702	1.273665E-02			20	
2,2-Dichloropropane	1.465096	11.31731	4.818857	5.104533E-02			20	
2-Butanone	0.1436745	10.83024	4.919428	6.643824E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	8.324615E-02	13.10237	7.068	1.770473E-02			20	
2-Chlorotoluene	1.933167	11.89832	10.61686	2.793103E-02			20	
2-Hexanone	0.1782245	10.18624	8.235429	3.575109E-02			SPCC (0.1)	
2-Nitropropane	0.0976808	12.5924	7.063714	4.307383E-02			20	
4-Chlorotoluene	1.679543	12.55701	10.74229	3.031615E-02			20	
4-Methyl-2-pentanone	0.2458488	11.04969	7.385	1.667152E-02			SPCC (0.1)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40032
Laboratory ID: S4C1804-SCV1
Sequence: S4C1804
Standard ID: S24C077

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
trans-1,4-dichloro-2-butene	50.0	54.0	8.0	30.00
Trichloroethylene	50.0	51.9	3.8	30.00
Trichlorofluoromethane	50.0	50.1	0.2	30.00
Vinyl acetate	50.0	66.3	32.7 *	30.00
Vinyl Chloride	50.0	48.2	-3.7	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40034
Laboratory ID: S4C1923-SCV1
Sequence: S4C1923
Standard ID: S24C158

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Hexachlorobutadiene	50.0	49.8	-0.4	30.00
Iodomethane	50.0	39.9	-20.3	30.00
Isopropylbenzene	50.0	51.7	3.4	30.00
Methyl acetate	50.0	43.8	-12.4	30.00
Methyl Methacrylate	50.0	48.8	-2.4	30.00
Methyl tert-butyl ether (MTBE)	50.0	45.3	-9.5	30.00
Methylcyclohexane	50.0	46.3	-7.5	30.00
Methylene chloride	50.0	46.7	-6.5	30.00
Naphthalene	50.0	50.8	1.7	30.00
n-Butylbenzene	50.0	48.6	-2.7	30.00
n-Propylbenzene	50.0	50.7	1.4	30.00
o-Xylene	50.0	49.0	-1.9	30.00
p- & m- Xylenes	100	96.9	-3.1	30.00
p-Diethylbenzene	50.0	47.9	-4.2	30.00
p-Ethyltoluene	50.0	51.8	3.6	30.00
p-Isopropyltoluene	50.0	50.0	0.04	30.00
sec-Butylbenzene	50.0	50.0	0.04	30.00
Styrene	50.0	49.6	-0.8	30.00
tert-Amyl alcohol (TAA)	500	459	-8.2	30.00
tert-Amyl methyl ether (TAME)	50.0	47.0	-6.1	30.00
tert-Butyl alcohol (TBA)	250	251	0.2	30.00
tert-Butylbenzene	50.0	49.8	-0.4	30.00
Tetrachloroethylene	50.0	32.8	-34.4 *	30.00
Tetrahydrofuran	50.0	46.6	-6.9	30.00
Toluene	50.0	49.1	-1.8	30.00
trans-1,2-Dichloroethylene	50.0	47.2	-5.7	30.00
trans-1,3-Dichloropropylene	50.0	47.5	-5.0	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SC40032
Lab File ID:	V3181461.D	Calibration Date:	03/13/24 08:00
Sequence:	S4C2506	Injection Date:	03/22/24
Lab Sample ID:	S4C2506-CCV1	Injection Time:	09:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	44.5	0.2354838	0.2097759		-10.9	20	
1,1,1-Trichloroethane	A	50.0	45.4	1.508969	1.370827	0.1	-9.2	20	
1,1,2,2-Tetrachloroethane	A	50.0	48.1	0.5175089	0.4976877	0.3	-3.8	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	45.6	1.008261	0.9188622	0.1	-8.9	20	
1,1,2-Trichloroethane	A	50.0	49.5	0.2068774	0.2049496	0.1	-0.9	20	
1,1-Dichloroethane	A	50.0	47.8	1.921156	1.837765	0.2	-4.3	20	
1,1-Dichloroethylene	A	50.0	45.4	1.366592	1.239835	0.1	-9.3	20	
1,1-Dichloropropylene	A	50.0	44.6	1.397078	1.247266		-10.7	20	
1,2,3-Trichlorobenzene	A	50.0	47.9	0.6345899	0.6081867		-4.2	20	
1,2,3-Trichloropropane	A	50.0	47.8	0.161538	0.1543463		-4.5	20	
1,2,4,5-Tetramethylbenzene	A	50.0	48.4	2.256446	2.186683		-3.1	20	
1,2,4-Trichlorobenzene	A	50.0	47.7	0.7189411	0.6854649	0.2	-4.7	20	
1,2,4-Trimethylbenzene	A	50.0	45.9	2.481911	2.277646		-8.2	20	
1,2-Dibromo-3-chloropropane	A	50.0	41.5	7.781736E-02	7.592276E-02	0.05	-17.1	20	
1,2-Dibromoethane	A	50.0	50.4	0.186991	0.188588	0.1	0.9	20	
1,2-Dichlorobenzene	A	50.0	46.0	1.180387	1.085571	0.4	-8.0	20	
1,2-Dichloroethane	A	50.0	45.7	1.161676	1.061867	0.1	-8.6	20	
1,2-Dichloropropane	A	50.0	49.9	0.3046348	0.3042017	0.1	-0.1	20	
1,3,5-Trimethylbenzene	A	50.0	46.9	2.611541	2.450854		-6.2	20	
1,3-Dichlorobenzene	A	50.0	44.5	1.407632	1.253044	0.6	-11.0	20	
1,3-Dichloropropane	A	50.0	49.8	0.3850896	0.3836519		-0.4	20	
1,4-Dichlorobenzene	A	50.0	44.9	1.38204	1.240714	0.5	-10.2	20	
1,4-Dioxane	A	1000	1060	1.953066E-03	2.062221E-03		5.6	20	
2,2-Dichloropropane	A	50.0	46.4	1.397796	1.296816		-7.2	20	
2-Butanone	A	50.0	44.2	0.0892455	8.374304E-02	0.1	-11.5	20	
2-Chloroethylvinyl ether	A	50.0	44.0	0.0364868	3.773353E-02		-12.1	20	
2-Chlorotoluene	A	50.0	44.9	2.517428	2.262526		-10.1	20	
2-Hexanone	A	50.0	39.2	0.1564147	0.1487755	0.1	-21.5	20	*
4-Chlorotoluene	A	50.0	47.2	2.310867	2.182029		-5.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SC40032
Lab File ID:	V3181461.D	Calibration Date:	03/13/24 08:00
Sequence:	S4C2506	Injection Date:	03/22/24
Lab Sample ID:	S4C2506-CCV1	Injection Time:	09:39

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Methyl-2-pentanone	A	50.0	41.4	0.208182	0.197612	0.1	-17.2	20
Acetone	A	50.0	46.2	0.3463847	0.3199084	0.1	-7.6	20
Acrolein	A	50.0	44.6	8.558853E-02	7.632265E-02		-10.8	20
Acrylonitrile	A	50.0	46.0	0.2511287	0.2311373		-8.0	20
Benzene	A	50.0	45.2	4.022594	3.637353	0.5	-9.6	20
Bromobenzene	A	50.0	47.9	1.109252	1.062737		-4.2	20
Bromochloromethane	A	50.0	47.0	0.7815538	0.7349843		-6.0	20
Bromodichloromethane	A	50.0	50.9	0.3276659	0.3335306	0.2	1.8	20
Bromoform	A	50.0	50.9	9.541191E-02	0.0972008	0.1 *	1.9	20
Bromomethane	A	50.0	37.5	0.7187217	0.538729	0.1	-25.0	20 *
Carbon disulfide	A	50.0	52.4	2.711546	2.840411	0.1	4.8	20
Carbon tetrachloride	A	50.0	46.5	1.257975	1.169868	0.1	-7.0	20
Chlorobenzene	A	50.0	46.5	0.77675	0.7223093	0.5	-7.0	20
Chloroethane	A	50.0	45.3	0.7061991	0.6393099	0.1	-9.5	20
Chloroform	A	50.0	47.4	1.787414	1.693544	0.2	-5.3	20
Chloromethane	A	50.0	51.7	1.506826	1.557037	0.1	3.3	20
cis-1,2-Dichloroethylene	A	50.0	47.1	1.655922	1.561071	0.1	-5.7	20
cis-1,3-Dichloropropylene	A	50.0	51.1	0.4071889	0.4163843	0.2	2.3	20
Cyclohexane	A	50.0	46.7	1.882614	1.758959	0.1	-6.6	20
Dibromochloromethane	A	50.0	51.0	0.1973437	0.201129	0.1	1.9	20
Dibromomethane	A	50.0	48.8	0.137828	0.1344008		-2.5	20
Dichlorodifluoromethane	A	50.0	47.6	1.200423	1.121169	0.1	-4.7	20
Diisopropyl ether (DIPE)	A	50.0	45.7	3.20319	2.929141		-8.6	20
Ethanol	A	2500	2230	5.915551E-03	5.275376E-03		-10.8	20
Ethyl Benzene	A	50.0	45.6	1.377861	1.256129	0.1	-8.8	20
Ethyl tert-butyl ether (ETBE)	A	50.0	44.6	2.539108	2.264195		-10.8	20
Hexachlorobutadiene	A	50.0	46.0	0.4430541	0.4074488		-8.0	20
Iodomethane	A	50.0	39.2	0.7847833	0.6566748		-21.5	20 *
Isopropylbenzene	A	50.0	48.0	3.193832	3.063056	0.1	-4.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 3	Calibration:	SC40032
Lab File ID:	V3181461.D	Calibration Date:	03/13/24 08:00
Sequence:	S4C2506	Injection Date:	03/22/24
Lab Sample ID:	S4C2506-CCV1	Injection Time:	09:39

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	45.2	0.6070768	0.5486837	0.1	-9.6	20	
Methyl Methacrylate	A	50.0	43.0	0.1480524	0.1446851		-14.0	20	
Methyl tert-butyl ether (MTBE)	A	50.0	45.2	2.09476	1.893185	0.1	-9.6	20	
Methylcyclohexane	A	50.0	50.4	0.6089655	0.6137817	0.1	0.8	20	
Methylene chloride	A	50.0	43.5	2.499784	1.306456	0.1	-13.0	20	
Naphthalene	A	50.0	50.7	1.447355	1.466931		1.4	20	
n-Butylbenzene	A	50.0	46.3	3.363845	3.112195		-7.5	20	
n-Propylbenzene	A	50.0	47.0	3.940041	3.705036		-6.0	20	
o-Xylene	A	50.0	46.9	1.052691	0.9883114	0.3	-6.1	20	
p- & m- Xylenes	A	100	88.8	1.051346	0.9333285	0.1	-11.2	20	
p-Diethylbenzene	A	50.0	46.3	1.670125	1.547646		-7.3	20	
p-Ethyltoluene	A	50.0	45.9	3.10919	2.855548		-8.2	20	
p-Isopropyltoluene	A	50.0	45.9	2.882136	2.645554		-8.2	20	
sec-Butylbenzene	A	50.0	47.8	3.571006	3.416734		-4.3	20	
Styrene	A	50.0	47.0	0.8235585	0.7744481	0.3	-6.0	20	
tert-Amyl alcohol (TAA)	A	500	395	4.322861E-02	3.413687E-02		-21.0	20	*
tert-Amyl methyl ether (TAME)	A	50.0	43.2	2.367087	2.043823		-13.7	20	
tert-Butyl alcohol (TBA)	A	250	191	6.141681E-02	4.703438E-02		-23.4	20	*
tert-Butylbenzene	A	50.0	47.5	2.314662	2.200281		-4.9	20	
Tetrachloroethylene	A	50.0	39.3	0.4352318	0.3417053	0.2	-21.5	20	*
Tetrahydrofuran	A	50.0	45.7	0.2235383	0.2043448		-8.6	20	
Toluene	A	50.0	47.3	1.294434	1.225414	0.4	-5.3	20	
trans-1,2-Dichloroethylene	A	50.0	47.3	1.509129	1.426592	0.1	-5.5	20	
trans-1,3-Dichloropropylene	A	50.0	45.0	0.3187263	0.3152985	0.1	-9.9	20	
trans-1,4-dichloro-2-butene	A	50.0	46.8	0.5661633	0.5300096		-6.4	20	
Trichloroethylene	A	50.0	47.1	0.308722	0.2910045	0.2	-5.7	20	
Trichlorofluoromethane	A	50.0	44.6	1.598012	1.42718	0.1	-10.7	20	
Vinyl acetate	A	50.0	49.0	1.112627	1.089237		-2.1	20	
Vinyl Chloride	A	50.0	46.9	1.278169	1.198283	0.1	-6.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	MS VOA 2	Calibration:	SC40034
Lab File ID:	V2627655.D	Calibration Date:	03/17/24 08:00
Sequence:	S4C2518	Injection Date:	03/22/24
Lab Sample ID:	S4C2518-CCV1	Injection Time:	09:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl acetate	A	50.0	42.8	0.7501991	0.6415444	0.1	-14.5	20	
Methyl Methacrylate	A	50.0	44.3	0.1910728	0.1693785		-11.4	20	
Methyl tert-butyl ether (MTBE)	A	50.0	44.2	3.042907	2.687914	0.1	-11.7	20	
Methylcyclohexane	A	50.0	42.6	0.466836	0.3981977	0.1	-14.7	20	
Methylene chloride	A	50.0	47.6	1.017334	0.967415	0.1	-4.9	20	
Naphthalene	A	50.0	44.5	2.613104	2.324851		-11.0	20	
n-Butylbenzene	A	50.0	46.4	2.510476	2.327892		-7.3	20	
n-Propylbenzene	A	50.0	46.9	2.86192	2.684109		-6.2	20	
o-Xylene	A	50.0	46.8	0.8727298	0.8167308	0.3	-6.4	20	
p- & m- Xylenes	A	100	91.8	0.8851619	0.813017	0.1	-8.2	20	
p-Diethylbenzene	A	50.0	45.1	1.299094	1.171363		-9.8	20	
p-Ethyltoluene	A	50.0	47.1	1.879925	1.769398		-5.9	20	
p-Isopropyltoluene	A	50.0	45.7	2.143928	1.960554		-8.6	20	
sec-Butylbenzene	A	50.0	46.0	2.542468	2.33793		-8.0	20	
Styrene	A	50.0	46.3	0.6930792	0.6413772	0.3	-7.5	20	
tert-Amyl alcohol (TAA)	A	500	415	0.1111727	0.1026704		-16.9	20	
tert-Amyl methyl ether (TAME)	A	50.0	45.0	3.630154	3.263927		-10.1	20	
tert-Butyl alcohol (TBA)	A	250	229	0.1371032	0.1257603		-8.3	20	
tert-Butylbenzene	A	50.0	45.6	1.673415	1.526226		-8.8	20	
Tetrachloroethylene	A	50.0	36.8	0.3681033	0.2708544	0.2	-26.4	20	*
Tetrahydrofuran	A	50.0	43.3	0.3081713	0.2667111		-13.5	20	
Toluene	A	50.0	44.6	1.065083	0.9504906	0.4	-10.8	20	
trans-1,2-Dichloroethylene	A	50.0	46.0	1.302234	1.198172	0.1	-8.0	20	
trans-1,3-Dichloropropylene	A	50.0	45.8	0.3595245	0.3296887	0.1	-8.3	20	
trans-1,4-dichloro-2-butene	A	50.0	46.1	0.7248777	0.6687808		-7.7	20	
Trichloroethylene	A	50.0	43.4	0.2662598	0.2313378	0.2	-13.1	20	
Trichlorofluoromethane	A	50.0	47.4	2.498984	2.367373	0.1	-5.3	20	
Vinyl acetate	A	50.0	52.4	1.04178	1.220104		4.7	20	
Vinyl Chloride	A	50.0	46.1	1.136953	1.048915	0.1	-7.7	20	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41427	Laboratory ID:	BC41427-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	10.1	101	70 - 130
Naphthalene	10.0	10.8	108	70 - 147
n-Butylbenzene	10.0	11.8	118	79 - 132
n-Propylbenzene	10.0	12.4	124	78 - 133
o-Xylene	10.0	11.3	113	78 - 130
p- & m- Xylenes	20.0	23.2	116	77 - 130
p-Diethylbenzene	10.0	11.5	115	84 - 134
p-Ethyltoluene	10.0	12.6	126	88 - 129
p-Isopropyltoluene	10.0	11.6	116	81 - 136
sec-Butylbenzene	10.0	12.2	122	79 - 137
Styrene	10.0	11.0	110	70 - 130
tert-Amyl alcohol (TAA)	100	74.8	74.8	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.5	105	70 - 130
tert-Butyl alcohol (TBA)	50.0	55.4	111	25 - 162
tert-Butylbenzene	10.0	11.8	118	77 - 138
Tetrachloroethylene	10.0	5.62	56.2 *	82 - 130
Tetrahydrofuran	10.0	8.06	80.6	36 - 166
Toluene	10.0	11.6	116	80 - 127
trans-1,2-Dichloroethylene	10.0	11.2	112	80 - 130
trans-1,3-Dichloropropylene	10.0	10.4	104	78 - 130
trans-1,4-dichloro-2-butene	10.0	11.6	116	63 - 141
Trichloroethylene	10.0	10.9	109	82 - 128
Trichlorofluoromethane	10.0	12.0	120	67 - 139
Vinyl acetate	10.0	23.2	232 *	21 - 90
Vinyl Chloride	10.0	12.0	120	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41427	Laboratory ID:	BC41427-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	9.77	97.7	3.22	20	70 - 130
Naphthalene	10.0	12.1	121	11.0	30	70 - 147
n-Butylbenzene	10.0	10.8	108	9.09	30	79 - 132
n-Propylbenzene	10.0	10.7	107	14.6	30	78 - 133
o-Xylene	10.0	10.6	106	6.40	20	78 - 130
p- & m- Xylenes	20.0	21.3	107	8.44	20	77 - 130
p-Diethylbenzene	10.0	10.6	106	8.52	30	84 - 134
p-Ethyltoluene	10.0	10.9	109	14.5	30	88 - 129
p-Isopropyltoluene	10.0	10.4	104	11.1	30	81 - 136
sec-Butylbenzene	10.0	10.7	107	13.2	30	79 - 137
Styrene	10.0	10.6	106	4.09	20	70 - 130
tert-Amyl alcohol (TAA)	100	102	102	31.0 *	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	11.6	116	9.79	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	63.1	126	13.0	30	25 - 162
tert-Butylbenzene	10.0	10.3	103	13.6	30	77 - 138
Tetrachloroethylene	10.0	5.03	50.3 *	11.1	20	82 - 130
Tetrahydrofuran	10.0	8.72	87.2	7.87	30	36 - 166
Toluene	10.0	10.7	107	8.70	20	80 - 127
trans-1,2-Dichloroethylene	10.0	10.2	102	9.80	20	80 - 130
trans-1,3-Dichloropropylene	10.0	10.5	105	0.669	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	11.6	116	0.258	30	63 - 141
Trichloroethylene	10.0	9.70	97.0	11.8	20	82 - 128
Trichlorofluoromethane	10.0	10.8	108	10.1	20	67 - 139
Vinyl acetate	10.0	26.9	269 *	14.8	30	21 - 90
Vinyl Chloride	10.0	11.7	117	2.27	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41926	Laboratory ID:	BC41926-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Acrolein	10.0	11.0	110		10 - 153
Acrylonitrile	10.0	9.33	93.3		51 - 150
Benzene	10.0	8.55	85.5		85 - 126
Bromobenzene	10.0	8.72	87.2		78 - 129
Bromochloromethane	10.0	8.32	83.2		77 - 128
Bromodichloromethane	10.0	8.71	87.1		79 - 128
Bromoform	10.0	9.16	91.6		78 - 133
Bromomethane	10.0	7.47	74.7		43 - 168
Carbon disulfide	10.0	8.28	82.8		68 - 146
Carbon tetrachloride	10.0	9.55	95.5		77 - 141
Chlorobenzene	10.0	8.67	86.7	*	88 - 120
Chloroethane	10.0	9.12	91.2		65 - 136
Chloroform	10.0	8.12	81.2	*	82 - 128
Chloromethane	10.0	9.58	95.8		43 - 155
cis-1,2-Dichloroethylene	10.0	8.26	82.6	*	83 - 129
cis-1,3-Dichloropropylene	10.0	8.53	85.3		80 - 131
Cyclohexane	10.0	11.7	117		63 - 149
Dibromochloromethane	10.0	8.80	88.0		80 - 130
Dibromomethane	10.0	8.53	85.3		72 - 134
Dichlorodifluoromethane	10.0	12.1	121		44 - 144
Diisopropyl ether (DIPE)	10.0	9.24	92.4		70 - 130
Ethyl Benzene	10.0	8.97	89.7		80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	9.12	91.2		70 - 130
Hexachlorobutadiene	10.0	11.5	115		67 - 146
Iodomethane	10.0	5.81	58.1	*	70 - 130
Isopropylbenzene	10.0	9.25	92.5		76 - 140
Methyl acetate	10.0	8.91	89.1		51 - 139
Methyl Methacrylate	10.0	8.83	88.3		72 - 132
Methyl tert-butyl ether (MTBE)	10.0	9.06	90.6		76 - 135
Methylcyclohexane	10.0	11.6	116		72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41926	Laboratory ID:	BC41926-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	8.83	88.3	55 - 137
Naphthalene	10.0	10.7	107	70 - 147
n-Butylbenzene	10.0	9.82	98.2	79 - 132
n-Propylbenzene	10.0	9.25	92.5	78 - 133
o-Xylene	10.0	8.59	85.9	78 - 130
p- & m- Xylenes	20.0	17.9	89.6	77 - 133
p-Diethylbenzene	10.0	9.24	92.4	84 - 134
p-Ethyltoluene	10.0	8.87	88.7	88 - 129
p-Isopropyltoluene	10.0	9.65	96.5	81 - 136
sec-Butylbenzene	10.0	9.70	97.0	79 - 137
Styrene	10.0	8.72	87.2	67 - 132
tert-Amyl alcohol (TAA)	100	104	104	70 - 130
tert-Amyl methyl ether (TAME)	10.0	9.07	90.7	70 - 130
tert-Butyl alcohol (TBA)	50.0	46.1	92.1	25 - 162
tert-Butylbenzene	10.0	9.25	92.5	77 - 138
Tetrachloroethylene	10.0	4.68	46.8 *	82 - 131
Tetrahydrofuran	10.0	9.24	92.4	36 - 166
Toluene	10.0	8.80	88.0	80 - 127
trans-1,2-Dichloroethylene	10.0	8.54	85.4	80 - 132
trans-1,3-Dichloropropylene	10.0	8.64	86.4	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.06	90.6	63 - 141
Trichloroethylene	10.0	8.37	83.7	82 - 128
Trichlorofluoromethane	10.0	12.4	124	67 - 139
Vinyl acetate	10.0	15.0	150 *	21 - 90
Vinyl Chloride	10.0	9.53	95.3	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41926	Laboratory ID:	BC41926-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	8.55	85.5	0.467	30	82 - 126
1,1,1-Trichloroethane	10.0	8.63	86.3	2.86	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.69	96.9	2.30	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.0	120	3.43	30	54 - 165
1,1,2-Trichloroethane	10.0	9.49	94.9	4.31	30	82 - 123
1,1-Dichloroethane	10.0	7.91	79.1 *	2.37	30	82 - 129
1,1-Dichloroethylene	10.0	8.74	87.4	4.80	30	68 - 138
1,1-Dichloropropylene	10.0	8.79	87.9	3.79	30	83 - 133
1,2,3-Trichlorobenzene	10.0	14.4	144 *	24.9	30	76 - 136
1,2,3-Trichloropropane	10.0	8.75	87.5	4.68	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	8.94	89.4	2.21	30	85 - 140
1,2,4-Trichlorobenzene	10.0	11.0	110	9.76	30	76 - 137
1,2,4-Trimethylbenzene	10.0	8.68	86.8	6.47	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.2	112	8.37	30	45 - 147
1,2-Dibromoethane	10.0	9.05	90.5	6.03	30	83 - 124
1,2-Dichlorobenzene	10.0	8.80	88.0	0.456	30	79 - 123
1,2-Dichloroethane	10.0	9.46	94.6	4.65	30	73 - 132
1,2-Dichloropropane	10.0	8.52	85.2	1.86	30	78 - 126
1,3,5-Trimethylbenzene	10.0	8.59	85.9	8.69	30	80 - 131
1,3-Dichlorobenzene	10.0	8.38	83.8 *	4.55	30	86 - 122
1,3-Dichloropropane	10.0	8.89	88.9	4.37	30	81 - 125
1,4-Dichlorobenzene	10.0	8.25	82.5 *	2.75	30	85 - 124
1,4-Dioxane	210	229	109	14.5	30	10 - 349
2,2-Dichloropropane	10.0	8.39	83.9	3.74	30	56 - 150
2-Butanone	10.0	8.76	87.6	4.43	30	49 - 152
2-Chlorotoluene	10.0	8.04	80.4	6.03	30	79 - 130
2-Hexanone	10.0	9.36	93.6	13.0	30	51 - 146
4-Chlorotoluene	10.0	8.29	82.9	5.40	30	79 - 128
4-Methyl-2-pentanone	10.0	10.4	104	9.82	30	57 - 145
Acetone	10.0	6.69	66.9	9.39	30	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41926	Laboratory ID:	BC41926-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acrolein	10.0	11.8	118		6.73	30	10 - 153
Acrylonitrile	10.0	10.0	100		7.43	30	51 - 150
Benzene	10.0	8.41	84.1	*	1.65	30	85 - 126
Bromobenzene	10.0	8.41	84.1		3.62	30	78 - 129
Bromochloromethane	10.0	8.37	83.7		0.599	30	77 - 128
Bromodichloromethane	10.0	8.72	87.2		0.115	30	79 - 128
Bromoform	10.0	9.68	96.8		5.52	30	78 - 133
Bromomethane	10.0	7.64	76.4		2.25	30	43 - 168
Carbon disulfide	10.0	7.96	79.6		3.94	30	68 - 146
Carbon tetrachloride	10.0	9.17	91.7		4.06	30	77 - 141
Chlorobenzene	10.0	8.48	84.8	*	2.22	30	88 - 120
Chloroethane	10.0	8.91	89.1		2.33	30	65 - 136
Chloroform	10.0	8.03	80.3	*	1.11	30	82 - 128
Chloromethane	10.0	9.36	93.6		2.32	30	43 - 155
cis-1,2-Dichloroethylene	10.0	8.17	81.7	*	1.10	30	83 - 129
cis-1,3-Dichloropropylene	10.0	8.57	85.7		0.468	30	80 - 131
Cyclohexane	10.0	11.4	114		2.77	30	63 - 149
Dibromochloromethane	10.0	9.14	91.4		3.79	30	80 - 130
Dibromomethane	10.0	8.58	85.8		0.584	30	72 - 134
Dichlorodifluoromethane	10.0	11.6	116		4.15	30	44 - 144
Diisopropyl ether (DIPE)	10.0	9.56	95.6		3.40	30	70 - 130
Ethyl Benzene	10.0	8.59	85.9		4.33	30	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.0	100		9.60	30	70 - 130
Hexachlorobutadiene	10.0	11.1	111		3.55	30	67 - 146
Iodomethane	10.0	5.79	57.9	*	0.345	30	70 - 130
Isopropylbenzene	10.0	8.52	85.2		8.22	30	76 - 140
Methyl acetate	10.0	10.1	101		12.8	30	51 - 139
Methyl Methacrylate	10.0	9.63	96.3		8.67	30	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	9.93	99.3		9.16	30	76 - 135
Methylcyclohexane	10.0	11.0	110		5.05	30	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41926	Laboratory ID:	BC41926-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	8.85	88.5	0.226	30	55 - 137
Naphthalene	10.0	12.6	126	16.5	30	70 - 147
n-Butylbenzene	10.0	9.19	91.9	6.63	30	79 - 132
n-Propylbenzene	10.0	8.51	85.1	8.33	30	78 - 133
o-Xylene	10.0	8.40	84.0	2.24	30	78 - 130
p- & m- Xylenes	20.0	17.3	86.5	3.58	30	77 - 133
p-Diethylbenzene	10.0	8.59	85.9	7.29	30	84 - 134
p-Ethyltoluene	10.0	8.27	82.7 *	7.00	30	88 - 129
p-Isopropyltoluene	10.0	8.95	89.5	7.53	30	81 - 136
sec-Butylbenzene	10.0	9.01	90.1	7.38	30	79 - 137
Styrene	10.0	8.65	86.5	0.806	30	67 - 132
tert-Amyl alcohol (TAA)	100	122	122	16.4	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.2	102	11.6	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	53.8	108	15.6	30	25 - 162
tert-Butylbenzene	10.0	8.61	86.1	7.17	30	77 - 138
Tetrachloroethylene	10.0	4.47	44.7 *	4.59	30	82 - 131
Tetrahydrofuran	10.0	10.7	107	15.0	30	36 - 166
Toluene	10.0	8.47	84.7	3.82	30	80 - 127
trans-1,2-Dichloroethylene	10.0	8.26	82.6	3.33	30	80 - 132
trans-1,3-Dichloropropylene	10.0	8.87	88.7	2.63	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.28	92.8	2.40	30	63 - 141
Trichloroethylene	10.0	7.99	79.9 *	4.65	30	82 - 128
Trichlorofluoromethane	10.0	12.0	120	3.43	30	67 - 139
Vinyl acetate	10.0	15.7	157 *	4.82	30	21 - 90
Vinyl Chloride	10.0	9.36	93.6	1.80	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BC41427-BLK1	File ID:	V10C03247.D
Prepared:	03/20/24 03:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	03/20/24 23:19	Instrument:	VOA No. 10		
Batch:	BC41427	Sequence:	S4C2117	Calibration:	SC40006

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-09-2	Methylene chloride	2.00	U
91-20-3	Naphthalene	0.830	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-85-4	tert-Amyl alcohol (TAA)	8.00	U
994-05-8	tert-Amyl methyl ether (TAME)	0.800	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
109-99-9	Tetrahydrofuran	0.500	U
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
108-05-4	Vinyl acetate	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.45	94.5	70 - 130	
SURR: p-Bromofluorobenzene	10.0	11.1	111	79 - 122	
SURR: Toluene-d8	10.0	9.96	99.6	81 - 117	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BC41926-BLK1	File ID:	V10C03480.D
Prepared:	03/27/24 08:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	03/27/24 12:27	Instrument:	VOA No. 10		
Batch:	BC41926	Sequence:	S4C2745	Calibration:	SC40052

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-09-2	Methylene chloride	0.700	J
91-20-3	Naphthalene	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-85-4	tert-Amyl alcohol (TAA)	8.00	U
994-05-8	tert-Amyl methyl ether (TAME)	0.800	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
109-99-9	Tetrahydrofuran	0.500	U
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
108-05-4	Vinyl acetate	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.85	98.5	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.0	100	79 - 122	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40006
Instrument: VOA No. 10
Calibration Date: 03/04/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2579717	11.61375	9.673714	3.276293E-02			20	
1,1,1-Trichloroethane	1.863538	10.05201	5.859429	4.013329E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.2774036	5.982766	11.023	4.077707E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.647714	7.792605	3.053286	4.781574E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1327108	5.947838	8.561857	4.241343E-02			SPCC (0.1)	
1,1-Dichloroethane	1.740624	7.544951	4.842143	6.686468E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.317734	8.591709	3.626572	5.510104E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.412764	7.995496	6.008143	2.915167E-02			20	
1,2,3-Trichlorobenzene	0.1581588	9.418684	15.01857	2.633706E-02			20	
1,2,3-Trichloropropane	0.1007477	7.273956	11.07929	3.238961E-02			20	
1,2,3-Trimethylbenzene	2.361119	8.316179	12.176	7.292799E-03			20	
1,2,4,5-Tetramethylbenzene	1.549257	10.15493	13.36257	1.015389E-02			20	
1,2,4-Trichlorobenzene	0.3088074	7.019908	14.43086	1.682436E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.754504	7.533017	11.68114	2.663166E-02			20	
1,2-Dibromo-3-chloropropane	3.902991E-02	5.487268	13.52743	5.035583E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1288053	5.70128	9.116429	1.157791E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.109493	6.133747	12.59971	2.072965E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9580216	6.38431	6.286	3.068115E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2055917	6.073247	7.089571	2.611213E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.914665	8.509817	11.24757	2.370306E-02			20	
1,3-Dichlorobenzene	1.451636	7.424765	12.05643	2.730079E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2218813	5.558071	8.734714	2.139287E-02			20	
1,4-Dichlorobenzene	1.418326	9.050749	12.15886	2.135806E-02			SPCC (0.5)	
1,4-Dioxane	6.999937E-04	18.53277	7.213286	8.361626E-02		0.9993235	0.99	
2,2-Dichloropropane	1.755173	7.59704	5.380714	2.935407E-02			20	
2-Butanone	9.132093E-02	73.32166	5.422714	0.112922		0.998823	SPCC (0.1)	
2-Chlorotoluene	3.027101	7.468084	11.19957	2.109991E-02			20	
2-Hexanone	4.033175E-02	21.6416	8.760714	2.270765E-02		0.999188	SPCC (0.1)	
4-Chlorotoluene	2.423691	7.918622	11.32543	1.306888E-02			20	
4-Methyl-2-pentanone	5.916177E-02	11.16291	7.910571	4.223942E-02			SPCC (0.1)	
Acetone	0.3062824	108.4575	3.728714	7.746796E-02		0.9957551	SPCC (0.1)	
Acrolein	3.486264E-02	14.24934	3.572429	0.1492868			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40052
Instrument: VOA No. 10
Calibration Date: 03/27/24 15:21

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2821491	10.45711	9.648625	1.913424E-02			20	
1,1,1-Trichloroethane	1.667217	11.88995	5.836	5.665153E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3985782	13.71927	10.998	2.383611E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.415018	18.7508	3.038625	6.264181E-02		0.9978099	SPCC (0.1)	
1,1,2-Trichloroethane	0.1594092	15.60806	8.5385	3.147588E-02		0.9996162	SPCC (0.1)	
1,1-Dichloroethane	1.961914	10.55304	4.82225	2.086608E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.380937	13.60257	3.611	4.777724E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.42388	13.03682	5.9875	0.0366172			20	
1,2,3-Trichlorobenzene	0.0601761	48.52348	14.99038	2.398434E-02		0.9942369	0.99	
1,2,3-Trichloropropane	0.1349712	13.96244	11.05675	1.947135E-02			20	
1,2,3-Trimethylbenzene	2.972966	12.08579	12.14875	2.039724E-02			20	
1,2,4,5-Tetramethylbenzene	1.596318	17.06964	13.33675	3.539147E-03		0.9992778	0.99	
1,2,4-Trichlorobenzene	0.2086604	27.90968	14.40463	1.794382E-02		0.9973831	SPCC (0.2)	
1,2,4-Trimethylbenzene	3.362885	8.021555	11.65638	1.333853E-02			20	
1,2-Dibromo-3-chloropropane	3.928872E-02	35.27992	13.50038	5.054793E-02		0.9989942	SPCC (0.05)	
1,2-Dibromoethane	0.1465718	14.08342	9.091125	2.649432E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.209867	12.47051	12.57312	1.256445E-02			SPCC (0.4)	
1,2-Dichloroethane	1.026758	15.06893	6.26475	1.311175E-02		0.9996884	SPCC (0.1)	
1,2-Dichloropropane	0.2925689	9.069515	7.0665	3.113718E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.615505	7.286098	11.2235	2.270362E-02			20	
1,3-Dichlorobenzene	1.670603	8.688685	12.03125	1.231942E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2948953	14.49634	8.711375	2.069007E-02			20	
1,4-Dichlorobenzene	1.647758	9.545249	12.1335	9.180314E-04			SPCC (0.5)	
1,4-Dioxane	1.179677E-03	45.7489	7.197625	7.512404E-02		0.9993646	0.99	
2,2-Dichloropropane	1.603372	13.09867	5.359625	3.295413E-02			20	
2-Butanone	5.418847E-02	22.06097	5.40325	9.924512E-02		0.9984292	SPCC (0.1)	
2-Chlorotoluene	4.023417	5.37001	11.17525	1.753814E-02			20	
2-Hexanone	6.067495E-02	20.45047	8.7415	4.231438E-02		0.9987321	SPCC (0.1)	
4-Chlorotoluene	3.204183	7.654048	11.29975	2.350858E-02			20	
4-Methyl-2-pentanone	9.003654E-02	17.89184	7.890375	4.301093E-02		0.9993919	SPCC (0.1)	
Acetone	0.1741285	36.7648	3.718	0.1700227		0.9967663	SPCC (0.1)	
Acrolein	4.912514E-02	21.29272	3.557429	9.004683E-02		0.9984493	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40006
Laboratory ID: S4C0520-SCV1
Sequence: S4C0520
Standard ID: S24B379

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.0	0.2	30.00
1,1,1-Trichloroethane	10.0	10.2	2.3	30.00
1,1,2,2-Tetrachloroethane	10.0	11.2	12.4	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.7	7.0	30.00
1,1,2-Trichloroethane	10.0	9.89	-1.1	30.00
1,1-Dichloroethane	10.0	9.74	-2.6	30.00
1,1-Dichloroethylene	10.0	10.7	6.6	30.00
1,1-Dichloropropylene	10.0	10.2	1.9	30.00
1,2,3-Trichlorobenzene	10.0	9.55	-4.5	30.00
1,2,3-Trichloropropane	10.0	10.5	5.0	30.00
1,2,4,5-Tetramethylbenzene	10.0	7.59	-24.1	30.00
1,2,4-Trichlorobenzene	10.0	9.94	-0.6	30.00
1,2,4-Trimethylbenzene	10.0	9.23	-7.7	30.00
1,2-Dibromo-3-chloropropane	10.0	9.74	-2.6	30.00
1,2-Dibromoethane	10.0	10.0	0.0	30.00
1,2-Dichlorobenzene	10.0	10.2	2.1	30.00
1,2-Dichloroethane	10.0	10.0	0.3	30.00
1,2-Dichloropropane	10.0	10.3	2.6	30.00
1,3,5-Trimethylbenzene	10.0	9.20	-8.0	30.00
1,3-Dichlorobenzene	10.0	10.2	1.5	30.00
1,3-Dichloropropane	10.0	10.2	2.0	30.00
1,4-Dichlorobenzene	10.0	9.99	-0.1	30.00
1,4-Dioxane	210	192	-8.4	30.00
2,2-Dichloropropane	10.0	9.79	-2.1	30.00
2-Butanone	10.0	4.04	-59.6 *	30.00
2-Chlorotoluene	10.0	10.6	6.1	30.00
2-Hexanone	10.0	7.57	-24.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40006
Laboratory ID: S4C0520-SCV1
Sequence: S4C0520
Standard ID: S24B379

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Iodomethane	10.0	9.67	-3.3	30.00
Isopropylbenzene	10.0	10.8	7.7	30.00
Methyl acetate	10.0	9.07	-9.3	30.00
Methyl Methacrylate	10.0	9.60	-4.0	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.09	-9.1	30.00
Methylcyclohexane	10.0	10.6	6.4	30.00
Methylene chloride	10.0	9.90	-1.0	30.00
Naphthalene	10.0	9.28	-7.2	30.00
n-Butylbenzene	10.0	10.4	3.8	30.00
n-Propylbenzene	10.0	10.5	4.8	30.00
o-Xylene	10.0	9.85	-1.5	30.00
p- & m- Xylenes	20.0	19.8	-0.8	30.00
p-Diethylbenzene	10.0	9.79	-2.1	30.00
p-Ethyltoluene	10.0	9.99	-0.1	30.00
p-Isopropyltoluene	10.0	10.3	2.9	30.00
sec-Butylbenzene	10.0	10.6	6.1	30.00
Styrene	10.0	8.01	-19.9	30.00
tert-Amyl alcohol (TAA)	100	68.8	-31.2 *	30.00
tert-Amyl methyl ether (TAME)	10.0	9.18	-8.2	30.00
tert-Butyl alcohol (TBA)	50.0	49.7	-0.5	30.00
tert-Butylbenzene	10.0	10.6	5.9	30.00
Tetrachloroethylene	10.0	5.68	-43.2 *	30.00
Tetrahydrofuran	10.0	9.82	-1.8	30.00
Toluene	10.0	10.3	3.4	30.00
trans-1,2-Dichloroethylene	10.0	10.0	0.0	30.00
trans-1,3-Dichloropropylene	10.0	10.0	0.1	30.00
trans-1,4-dichloro-2-butene	10.0	10.8	8.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40006
Laboratory ID: S4C0520-SCV1
Sequence: S4C0520
Standard ID: S24B379

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Trichloroethylene	10.0	9.96	-0.4	30.00
Trichlorofluoromethane	10.0	10.7	7.0	30.00
Vinyl acetate	10.0	25.5	155 *	30.00
Vinyl Chloride	10.0	10.4	3.9	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40052
Laboratory ID: S4C2726-SCV1
Sequence: S4C2726
Standard ID: S24C157

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
4-Chlorotoluene	10.0	9.66	-3.4	30.00
4-Methyl-2-pentanone	10.0	8.42	-15.8	30.00
Acetone	10.0	5.96	-40.4 *	30.00
Acrolein	10.0	9.16	-8.4	30.00
Acrylonitrile	10.0	8.53	-14.7	30.00
Benzene	10.0	9.29	-7.1	30.00
Bromobenzene	10.0	9.59	-4.1	30.00
Bromochloromethane	10.0	8.29	-17.1	30.00
Bromodichloromethane	10.0	9.25	-7.5	30.00
Bromoform	10.0	8.81	-11.9	30.00
Bromomethane	10.0	8.44	-15.6	30.00
Carbon disulfide	10.0	8.81	-11.9	30.00
Carbon tetrachloride	10.0	9.64	-3.6	30.00
Chlorobenzene	10.0	9.38	-6.2	30.00
Chloroethane	10.0	9.70	-3.0	30.00
Chloroform	10.0	8.87	-11.3	30.00
Chloromethane	10.0	10.3	3.4	30.00
cis-1,2-Dichloroethylene	10.0	8.90	-11.0	30.00
cis-1,3-Dichloropropylene	10.0	8.95	-10.5	30.00
Cyclohexane	10.0	11.4	14.4	30.00
Dibromochloromethane	10.0	8.96	-10.4	30.00
Dibromomethane	10.0	8.59	-14.1	30.00
Dichlorodifluoromethane	10.0	12.9	28.6	30.00
Diisopropyl ether (DIPE)	10.0	9.33	-6.7	30.00
Ethyl Benzene	10.0	9.59	-4.1	30.00
Ethyl tert-butyl ether (ETBE)	10.0	8.72	-12.8	30.00
Hexachlorobutadiene	10.0	10.3	3.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40052
Laboratory ID: S4C2726-SCV1
Sequence: S4C2726
Standard ID: S24C157

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Iodomethane	10.0	6.29	-37.1 *	30.00
Isopropylbenzene	10.0	10.4	3.8	30.00
Methyl acetate	10.0	8.35	-16.5	30.00
Methyl Methacrylate	10.0	8.44	-15.6	30.00
Methyl tert-butyl ether (MTBE)	10.0	8.60	-14.0	30.00
Methylcyclohexane	10.0	11.3	13.1	30.00
Methylene chloride	10.0	9.25	-7.5	30.00
Naphthalene	10.0	7.35	-26.5	30.00
n-Butylbenzene	10.0	9.53	-4.7	30.00
n-Propylbenzene	10.0	9.99	-0.1	30.00
o-Xylene	10.0	9.12	-8.8	30.00
p- & m- Xylenes	20.0	19.2	-4.2	30.00
p-Diethylbenzene	10.0	8.94	-10.6	30.00
p-Ethyltoluene	10.0	9.58	-4.2	30.00
p-Isopropyltoluene	10.0	9.62	-3.8	30.00
sec-Butylbenzene	10.0	9.85	-1.5	30.00
Styrene	10.0	9.06	-9.4	30.00
tert-Amyl alcohol (TAA)	100	86.4	-13.6	30.00
tert-Amyl methyl ether (TAME)	10.0	8.62	-13.8	30.00
tert-Butyl alcohol (TBA)	50.0	38.1	-23.9	30.00
tert-Butylbenzene	10.0	9.77	-2.3	30.00
Tetrachloroethylene	10.0	4.95	-50.5 *	30.00
Tetrahydrofuran	10.0	8.60	-14.0	30.00
Toluene	10.0	9.71	-2.9	30.00
trans-1,2-Dichloroethylene	10.0	9.13	-8.7	30.00
trans-1,3-Dichloropropylene	10.0	8.67	-13.3	30.00
trans-1,4-dichloro-2-butene	10.0	8.87	-11.3	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40006
Lab File ID:	V10C03241.D	Calibration Date:	03/04/24 08:00
Sequence:	S4C2117	Injection Date:	03/20/24
Lab Sample ID:	S4C2117-CCV1	Injection Time:	20:41

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	10.0	9.60	0.2579717	0.2475364		-4.0	20
1,1,1-Trichloroethane	A	10.0	10.6	1.863538	1.97089	0.1	5.8	20
1,1,2,2-Tetrachloroethane	A	10.0	11.0	0.2774036	0.3064766	0.3	10.5	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	9.91	1.647714	1.633292	0.1	-0.9	20
1,1,2-Trichloroethane	A	10.0	10.2	0.1327108	0.1350192	0.1	1.7	20
1,1-Dichloroethane	A	10.0	10.3	1.740624	1.788835	0.2	2.8	20
1,1-Dichloroethylene	A	10.0	10.3	1.317734	1.353098	0.1	2.7	20
1,1-Dichloropropylene	A	10.0	10.7	1.412764	1.513699		7.1	20
1,2,3-Trichlorobenzene	A	10.0	7.63	0.1581588	0.1206719		-23.7	20 *
1,2,3-Trichloropropane	A	10.0	10.8	0.1007477	0.1086478		7.8	20
1,2,4,5-Tetramethylbenzene	A	10.0	10.6	1.549257	1.643922		6.1	20
1,2,4-Trichlorobenzene	A	10.0	8.24	0.3088074	0.2545629	0.2	-17.6	20
1,2,4-Trimethylbenzene	A	10.0	10.3	2.754504	2.848396		3.4	20
1,2-Dibromo-3-chloropropane	A	10.0	9.67	3.902991E-02	3.773185E-02	0.05	-3.3	20
1,2-Dibromoethane	A	10.0	10.0	0.1288053	0.1294317	0.1	0.5	20
1,2-Dichlorobenzene	A	10.0	9.56	1.109493	1.060901	0.4	-4.4	20
1,2-Dichloroethane	A	10.0	10.4	0.9580216	0.9955359	0.1	3.9	20
1,2-Dichloropropane	A	10.0	9.95	0.2055917	0.2045143	0.1	-0.5	20
1,3,5-Trimethylbenzene	A	10.0	10.4	2.914665	3.025913		3.8	20
1,3-Dichlorobenzene	A	10.0	9.61	1.451636	1.39488	0.6	-3.9	20
1,3-Dichloropropane	A	10.0	10.4	0.2218813	0.2300547		3.7	20
1,4-Dichlorobenzene	A	10.0	9.49	1.418326	1.346676	0.5	-5.1	20
1,4-Dioxane	A	200	204	6.999937E-04	7.85419E-04		2.0	20
2,2-Dichloropropane	A	10.0	9.42	1.755173	1.65282		-5.8	20
2-Butanone	A	10.0	8.69	9.132093E-02	5.048821E-02	0.1	-13.1	20
2-Chlorotoluene	A	10.0	10.1	3.027101	3.062951		1.2	20
2-Hexanone	A	10.0	9.06	4.033175E-02	0.042745	0.1 *	-9.4	20
4-Chlorotoluene	A	10.0	10.5	2.423691	2.538304		4.7	20
4-Methyl-2-pentanone	A	10.0	9.87	5.916177E-02	5.837792E-02	0.1	-1.3	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40006
Lab File ID:	V10C03241.D	Calibration Date:	03/04/24 08:00
Sequence:	S4C2117	Injection Date:	03/20/24
Lab Sample ID:	S4C2117-CCV1	Injection Time:	20:41

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	10.0	7.23	0.3062824	0.1048477	0.1	-27.7	20 *
Acrolein	A	10.0	7.33	3.486264E-02	2.554306E-02		-26.7	20 *
Acrylonitrile	A	10.0	10.5	0.0870782	9.181011E-02		5.4	20
Benzene	A	10.0	10.7	4.16745	4.452159	0.5	6.8	20
Bromobenzene	A	10.0	10.7	1.04469	1.117198		6.9	20
Bromochloromethane	A	10.0	10.6	0.5459452	0.5767179		5.6	20
Bromodichloromethane	A	10.0	10.2	0.3032892	0.3094102	0.2	2.0	20
Bromoform	A	10.0	8.54	8.040201E-02	0.0763253	0.1 *	-14.6	20
Bromomethane	A	10.0	4.87	0.4716641	0.2493501	0.1	-51.3	20 *
Carbon disulfide	A	10.0	9.91	2.531972	2.510273	0.1	-0.9	20
Carbon tetrachloride	A	10.0	10.6	1.61903	1.724494	0.1	6.5	20
Chlorobenzene	A	10.0	9.76	0.7843273	0.765492	0.5	-2.4	20
Chloroethane	A	10.0	9.45	0.6743428	0.6373807	0.1	-5.5	20
Chloroform	A	10.0	10.3	1.919931	1.979215	0.2	3.1	20
Chloromethane	A	10.0	9.54	0.787288	0.751263	0.1	-4.6	20
cis-1,2-Dichloroethylene	A	10.0	10.1	1.529454	1.550207	0.1	1.4	20
cis-1,3-Dichloropropylene	A	10.0	9.99	0.3409031	0.3406784	0.2	-0.07	20
Cyclohexane	A	10.0	10.7	1.40453	1.498057	0.1	6.7	20
Dibromochloromethane	A	10.0	9.93	0.1782549	0.1770874	0.1	-0.7	20
Dibromomethane	A	10.0	10.0	9.720344E-02	9.772374E-02		0.5	20
Dichlorodifluoromethane	A	10.0	9.93	1.086232	1.078499	0.1	-0.7	20
Diisopropyl ether (DIPE)	A	10.0	10.1	2.042861	2.057288		0.7	20
Ethyl Benzene	A	10.0	10.2	1.388742	1.41837	0.1	2.1	20
Ethyl tert-butyl ether (ETBE)	A	10.0	10.5	1.925222	2.014193		4.6	20
Hexachlorobutadiene	A	10.0	8.24	0.1645044	0.1355674		-17.6	20
Iodomethane	A	10.0	7.48	0.9513151	0.8524573		-25.2	20 *
Isopropylbenzene	A	10.0	10.6	3.796886	4.045225	0.1	6.5	20
Methyl acetate	A	10.0	10.2	0.3238466	0.3316595	0.1	2.4	20
Methyl Methacrylate	A	10.0	10.2	6.255495E-02	6.399016E-02		2.3	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40006
Lab File ID:	V10C03241.D	Calibration Date:	03/04/24 08:00
Sequence:	S4C2117	Injection Date:	03/20/24
Lab Sample ID:	S4C2117-CCV1	Injection Time:	20:41

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	10.4	1.544445	1.59844	0.1	3.5	20	
Methylcyclohexane	A	10.0	10.4	0.4217332	0.4403051	0.1	4.4	20	
Methylene chloride	A	10.0	9.30	1.390985	0.9833243	0.1	-7.0	20	
Naphthalene	A	10.0	12.7	0.4364346	0.5532433		26.8	20	*
n-Butylbenzene	A	10.0	10.7	2.51155	2.678934		6.7	20	
n-Propylbenzene	A	10.0	10.7	4.27849	4.565614		6.7	20	
o-Xylene	A	10.0	10.1	1.075658	1.087486	0.3	1.1	20	
p- & m- Xylenes	A	20.0	20.5	1.094366	1.122422	0.1	2.6	20	
p-Diethylbenzene	A	10.0	10.6	1.393171	1.480234		6.2	20	
p-Ethyltoluene	A	10.0	10.8	3.60042	3.876312		7.7	20	
p-Isopropyltoluene	A	10.0	10.2	2.91478	2.977961		2.2	20	
sec-Butylbenzene	A	10.0	10.6	3.408744	3.605962		5.8	20	
Styrene	A	10.0	10.0	0.8098019	0.8134991	0.3	0.5	20	
tert-Amyl alcohol (TAA)	A	100	101	2.097199E-02	2.351776E-02		1.4	20	
tert-Amyl methyl ether (TAME)	A	10.0	10.6	1.932771	2.045624		5.8	20	
tert-Butyl alcohol (TBA)	A	50.0	57.8	2.064749E-02	2.394592E-02		15.6	20	
tert-Butylbenzene	A	10.0	10.2	2.58143	2.637341		2.2	20	
Tetrachloroethylene	A	10.0	8.91	0.625554	0.5655241	0.2	-10.9	20	
Tetrahydrofuran	A	10.0	8.21	0.0918798	3.657406E-02		-17.9	20	
Toluene	A	10.0	10.1	1.209958	1.21989	0.4	0.8	20	
trans-1,2-Dichloroethylene	A	10.0	10.2	1.321163	1.347965	0.1	2.0	20	
trans-1,3-Dichloropropylene	A	10.0	10.2	0.2544962	0.2583447	0.1	1.5	20	
trans-1,4-dichloro-2-butene	A	10.0	10.6	0.3297965	0.3499074		6.1	20	
Trichloroethylene	A	10.0	9.88	0.3050513	0.3012972	0.2	-1.2	20	
Trichlorofluoromethane	A	10.0	9.91	1.647714	1.633292	0.1	-0.9	20	
Vinyl acetate	A	10.0	13.4	0.340029	0.3870729		34.1	20	*
Vinyl Chloride	A	10.0	9.88	1.052799	1.040597	0.1	-1.2	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40052
Lab File ID:	V10C03476.D	Calibration Date:	03/27/24 15:21
Sequence:	S4C2745	Injection Date:	03/27/24
Lab Sample ID:	S4C2745-CCV1	Injection Time:	10:34

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	8.60	0.2821491	0.2427334		-14.0	20	
1,1,1-Trichloroethane	A	10.0	9.01	1.667217	1.50271	0.1	-9.9	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.11	0.3985782	0.3629056	0.3	-8.9	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	12.6	1.415018	1.516842	0.1	25.5	20	*
1,1,2-Trichloroethane	A	10.0	9.34	0.1594092	0.1386686	0.1	-6.6	20	
1,1-Dichloroethane	A	10.0	8.42	1.961914	1.651377	0.2	-15.8	20	
1,1-Dichloroethylene	A	10.0	9.78	1.380937	1.350291	0.1	-2.2	20	
1,1-Dichloropropylene	A	10.0	9.65	1.42388	1.374568		-3.5	20	
1,2,3-Trichlorobenzene	A	10.0	14.5	0.0601761	6.942539E-02		45.4	20	*
1,2,3-Trichloropropane	A	10.0	8.38	0.1349712	0.1131571		-16.2	20	
1,2,4,5-Tetramethylbenzene	A	10.0	9.30	1.596318	1.437539		-7.0	20	
1,2,4-Trichlorobenzene	A	10.0	11.2	0.2086604	0.2201441	0.2	12.4	20	
1,2,4-Trimethylbenzene	A	10.0	8.84	3.362885	2.973604		-11.6	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.2	3.928872E-02	3.276602E-02	0.05	2.5	20	
1,2-Dibromoethane	A	10.0	8.72	0.1465718	0.1277922	0.1	-12.8	20	
1,2-Dichlorobenzene	A	10.0	8.58	1.209867	1.03794	0.4	-14.2	20	
1,2-Dichloroethane	A	10.0	9.15	1.026758	0.8526829	0.1	-8.5	20	
1,2-Dichloropropane	A	10.0	8.48	0.2925689	0.2481489	0.1	-15.2	20	
1,3,5-Trimethylbenzene	A	10.0	8.89	3.615505	3.215608		-11.1	20	
1,3-Dichlorobenzene	A	10.0	8.46	1.670603	1.414056	0.6	-15.4	20	
1,3-Dichloropropane	A	10.0	8.72	0.2948953	0.2572467		-12.8	20	
1,4-Dichlorobenzene	A	10.0	8.29	1.647758	1.366119	0.5	-17.1	20	
1,4-Dioxane	A	200	195	1.179677E-03	8.16359E-04		-2.3	20	
2,2-Dichloropropane	A	10.0	9.59	1.603372	1.536974		-4.1	20	
2-Butanone	A	10.0	9.77	5.418847E-02	4.770889E-02	0.1	-2.3	20	
2-Chlorotoluene	A	10.0	8.68	4.023417	3.492682		-13.2	20	
2-Hexanone	A	10.0	9.60	6.067495E-02	5.407013E-02	0.1	-4.0	20	
4-Chlorotoluene	A	10.0	8.28	3.204183	2.652361		-17.2	20	
4-Methyl-2-pentanone	A	10.0	10.1	9.003654E-02	8.217832E-02	0.1	0.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40052
Lab File ID:	V10C03476.D	Calibration Date:	03/27/24 15:21
Sequence:	S4C2745	Injection Date:	03/27/24
Lab Sample ID:	S4C2745-CCV1	Injection Time:	10:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	10.0	9.43	0.1741285	0.137445	0.1	-5.7	20	
Acrolein	A	10.0	11.7	4.912514E-02	5.431791E-02		17.3	20	
Acrylonitrile	A	10.0	10.3	0.1186002	0.1077192		2.7	20	
Benzene	A	10.0	8.61	4.358537	3.751396	0.5	-13.9	20	
Bromobenzene	A	10.0	8.32	1.542419	1.283736		-16.8	20	
Bromochloromethane	A	10.0	8.41	0.7246697	0.6096594		-15.9	20	
Bromodichloromethane	A	10.0	8.89	0.3569911	0.3172171	0.2	-11.1	20	
Bromoform	A	10.0	9.17	8.395393E-02	7.702652E-02	0.1	-8.3	20	
Bromomethane	A	10.0	7.44	0.7064898	0.5258641	0.1	-25.6	20	*
Carbon disulfide	A	10.0	9.25	2.495787	2.309819	0.1	-7.5	20	
Carbon tetrachloride	A	10.0	9.44	1.415978	1.336608	0.1	-5.6	20	
Chlorobenzene	A	10.0	8.14	0.8588597	0.699217	0.5	-18.6	20	
Chloroethane	A	10.0	9.15	0.7339177	0.6717942	0.1	-8.5	20	
Chloroform	A	10.0	8.21	1.883634	1.546725	0.2	-17.9	20	
Chloromethane	A	10.0	10.6	0.9049254	0.9570214	0.1	5.8	20	
cis-1,2-Dichloroethylene	A	10.0	8.69	1.705991	1.483193	0.1	-13.1	20	
cis-1,3-Dichloropropylene	A	10.0	8.92	0.423874	0.378057	0.2	-10.8	20	
Cyclohexane	A	10.0	12.7	1.733511	1.791796	0.1	27.4	20	*
Dibromochloromethane	A	10.0	9.01	0.196569	0.177082	0.1	-9.9	20	
Dibromomethane	A	10.0	8.67	0.1162707	0.1008039		-13.3	20	
Dichlorodifluoromethane	A	10.0	15.7	0.8361547	1.100675	0.1	56.6	20	*
Diisopropyl ether (DIPE)	A	10.0	9.05	2.955073	2.484299		-9.5	20	
Ethyl Benzene	A	10.0	8.84	1.567268	1.386042	0.1	-11.6	20	
Ethyl tert-butyl ether (ETBE)	A	10.0	9.05	2.088518	1.764379		-9.5	20	
Hexachlorobutadiene	A	10.0	11.3	0.1354249	0.1438343		12.8	20	
Iodomethane	A	10.0	5.78	0.6139925	0.4059452		-42.2	20	*
Isopropylbenzene	A	10.0	8.59	4.8804	4.193724	0.1	-14.1	20	
Methyl acetate	A	10.0	9.70	0.3727542	0.3140631	0.1	-3.0	20	
Methyl Methacrylate	A	10.0	9.15	8.599108E-02	7.864519E-02		-8.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 10	Calibration:	SC40052
Lab File ID:	V10C03476.D	Calibration Date:	03/27/24 15:21
Sequence:	S4C2745	Injection Date:	03/27/24
Lab Sample ID:	S4C2745-CCV1	Injection Time:	10:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	9.49	1.700872	1.454752	0.1	-5.1	20	
Methylcyclohexane	A	10.0	12.3	0.5229258	0.5439979	0.1	23.1	20	*
Methylene chloride	A	10.0	9.49	2.006183	1.19699	0.1	-5.1	20	
Naphthalene	A	10.0	12.0	0.236881	0.2509548		20.5	20	*
n-Butylbenzene	A	10.0	9.44	2.944057	2.780553		-5.6	20	
n-Propylbenzene	A	10.0	8.68	5.618873	4.874844		-13.2	20	
o-Xylene	A	10.0	8.52	1.211878	1.032684	0.3	-14.8	20	
p- & m- Xylenes	A	20.0	17.9	1.204617	1.08074	0.1	-10.3	20	
p-Diethylbenzene	A	10.0	8.90	1.634107	1.45493		-11.0	20	
p-Ethyltoluene	A	10.0	8.19	4.782151	3.918141		-18.1	20	
p-Isopropyltoluene	A	10.0	9.13	3.347637	3.057491		-8.7	20	
sec-Butylbenzene	A	10.0	9.04	4.105815	3.710599		-9.6	20	
Styrene	A	10.0	8.79	0.8585519	0.7548714	0.3	-12.1	20	
tert-Amyl alcohol (TAA)	A	100	108	2.471032E-02	2.106359E-02		7.7	20	
tert-Amyl methyl ether (TAME)	A	10.0	9.22	1.893285	1.583475		-7.8	20	
tert-Butyl alcohol (TBA)	A	50.0	57.0	3.291809E-02	3.000433E-02		14.0	20	
tert-Butylbenzene	A	10.0	8.66	3.104626	2.688549		-13.4	20	
Tetrachloroethylene	A	10.0	5.05	0.6937576	0.3505224	0.2	-49.5	20	*
Tetrahydrofuran	A	10.0	10.1	3.927757E-02	3.375861E-02		0.8	20	
Toluene	A	10.0	8.77	1.382283	1.212946	0.4	-12.3	20	
trans-1,2-Dichloroethylene	A	10.0	8.83	1.457876	1.287536	0.1	-11.7	20	
trans-1,3-Dichloropropylene	A	10.0	9.15	0.3123005	0.2857678	0.1	-8.5	20	
trans-1,4-dichloro-2-butene	A	10.0	8.70	0.462516	0.4022174		-13.0	20	
Trichloroethylene	A	10.0	8.35	0.3420178	0.2855423	0.2	-16.5	20	
Trichlorofluoromethane	A	10.0	12.6	1.415018	1.516842	0.1	25.5	20	*
Vinyl acetate	A	10.0	14.7	0.6243483	0.7859567		47.1	20	*
Vinyl Chloride	A	10.0	10.4	1.139836	1.18424	0.1	3.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

Sed-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41365	Laboratory ID:	BC41365-MS1
Preparation:	EPA 3550C	Initial/Final:	30.3 g / 1 mL

Source Sample Name: Sed-1

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	1.42	ND	0.927	65.0	10 - 130
1,2,4,5-Tetrachlorobenzene	1.42	ND	0.726	51.0	10 - 133
1,2,4-Trichlorobenzene	1.42	ND	0.827	58.1	10 - 127
1,2-Dichlorobenzene	1.42	ND	0.972	68.2	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	1.42	ND	0.815	57.2	10 - 144
1,3-Dichlorobenzene	1.42	ND	0.915	64.2	11 - 111
1,4-Dichlorobenzene	1.42	ND	1.01	70.8	10 - 106
2,3,4,6-Tetrachlorophenol	1.42	ND	0.856	60.1	30 - 130
2,4,5-Trichlorophenol	1.42	ND	0.703	49.4	10 - 127
2,4,6-Trichlorophenol	1.42	ND	0.758	53.2	10 - 132
2,4-Dichlorophenol	1.42	ND	0.786	55.2	10 - 128
2,4-Dimethylphenol	1.42	ND	0.740	51.9	10 - 137
2,4-Dinitrophenol	1.42	ND	ND	*	10 - 171
2,4-Dinitrotoluene	1.42	ND	0.974	68.4	16 - 135
2,6-Dinitrotoluene	1.42	ND	0.979	68.7	18 - 131
2-Chloronaphthalene	1.42	ND	0.831	58.3	10 - 129
2-Chlorophenol	1.42	ND	0.941	66.1	15 - 116
2-Methylnaphthalene	1.42	ND	0.854	59.9	10 - 147
2-Methylphenol	1.42	ND	0.899	63.1	10 - 136
2-Nitroaniline	1.42	ND	0.907	63.7	10 - 137
2-Nitrophenol	1.42	ND	0.976	68.5	10 - 129
3- & 4-Methylphenols	1.42	ND	0.777	54.6	10 - 123
3,3-Dichlorobenzidine	1.42	ND	1.06	74.3	10 - 155
3-Nitroaniline	1.42	ND	0.785	55.1	12 - 133
4,6-Dinitro-2-methylphenol	1.42	ND	0.699	49.0	10 - 155
4-Bromophenyl phenyl ether	1.42	ND	0.921	64.6	14 - 128
4-Chloro-3-methylphenol	1.42	ND	0.906	63.6	10 - 134
4-Chloroaniline	1.42	ND	0.684	48.0	10 - 145
4-Chlorophenyl phenyl ether	1.42	ND	0.794	55.8	14 - 130
4-Nitroaniline	1.42	ND	0.745	52.3	10 - 147
4-Nitrophenol	1.42	ND	0.687	48.2	10 - 137

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

Sed-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41365	Laboratory ID:	BC41365-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.2 g / 1 mL

Source Sample Name: Sed-1

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	1.43	0.853	59.7	8.27	30	10 - 130
1,2,4,5-Tetrachlorobenzene	1.43	0.702	49.1	3.35	30	10 - 133
1,2,4-Trichlorobenzene	1.43	0.731	51.1	12.4	30	10 - 127
1,2-Dichlorobenzene	1.43	0.877	61.4	10.3	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	1.43	0.664	46.5	20.4	30	10 - 144
1,3-Dichlorobenzene	1.43	0.795	55.6	14.1	30	11 - 111
1,4-Dichlorobenzene	1.43	0.907	63.4	10.6	30	10 - 106
2,3,4,6-Tetrachlorophenol	1.43	0.829	58.0	3.19	30	30 - 130
2,4,5-Trichlorophenol	1.43	0.699	48.9	0.647	30	10 - 127
2,4,6-Trichlorophenol	1.43	0.782	54.7	3.15	30	10 - 132
2,4-Dichlorophenol	1.43	0.835	58.4	5.96	30	10 - 128
2,4-Dimethylphenol	1.43	0.727	50.9	1.69	30	10 - 137
2,4-Dinitrophenol	1.43	ND	*		30	10 - 171
2,4-Dinitrotoluene	1.43	1.01	70.6	3.44	30	16 - 135
2,6-Dinitrotoluene	1.43	0.925	64.7	5.66	30	18 - 131
2-Chloronaphthalene	1.43	0.776	54.3	6.77	30	10 - 129
2-Chlorophenol	1.43	0.832	58.2	12.3	30	15 - 116
2-Methylnaphthalene	1.43	0.860	60.2	0.730	30	10 - 147
2-Methylphenol	1.43	0.906	63.4	0.710	30	10 - 136
2-Nitroaniline	1.43	0.933	65.3	2.81	30	10 - 137
2-Nitrophenol	1.43	0.888	62.2	9.35	30	10 - 129
3- & 4-Methylphenols	1.43	0.814	57.0	4.63	30	10 - 123
3,3-Dichlorobenzidine	1.43	1.02	71.6	3.40	30	10 - 155
3-Nitroaniline	1.43	0.694	48.6	12.3	30	12 - 133
4,6-Dinitro-2-methylphenol	1.43	0.584	40.9	17.8	30	10 - 155
4-Bromophenyl phenyl ether	1.43	0.787	55.0	15.7	30	14 - 128
4-Chloro-3-methylphenol	1.43	0.870	60.9	4.04	30	10 - 134
4-Chloroaniline	1.43	0.720	50.4	5.21	30	10 - 145
4-Chlorophenyl phenyl ether	1.43	0.767	53.7	3.47	30	14 - 130
4-Nitroaniline	1.43	0.680	47.6	9.12	30	10 - 147
4-Nitrophenol	1.43	0.654	45.8	4.95	30	10 - 137
Acenaphthene	1.43	0.867	60.6	2.79	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

Sed-1

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Matrix: Soil
Batch: BC41365
Laboratory ID: BC41365-MSD1
Preparation: EPA 3550C
Initial/Final: 30.2 g / 1 mL
Source Sample Name: Sed-1

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	1.43	0.823	57.6	2.14	30	10 - 134
Acetophenone	1.43	0.734	51.4	7.60	30	10 - 116
Aniline	1.43	0.473	33.1	18.5	30	10 - 123
Anthracene	1.43	0.839	58.7	0.331	30	10 - 142
Atrazine	1.43	0.774	54.2	4.09	30	19 - 115
Benzaldehyde	1.43	0.644	45.0	13.2	30	10 - 125
Benzo(a)anthracene	1.43	0.838	58.6	1.16	30	10 - 158
Benzo(a)pyrene	1.43	0.836	58.5	12.2	30	10 - 180
Benzo(b)fluoranthene	1.43	0.808	56.6	9.97	30	10 - 200
Benzo(g,h,i)perylene	1.43	0.829	58.0	6.08	30	10 - 138
Benzo(k)fluoranthene	1.43	0.806	56.4	3.43	30	10 - 197
Benzoic acid	1.43	0.262	18.3	12.0	30	10 - 166
Benzyl alcohol	1.43	0.732	51.2	0.137	30	12 - 124
Benzyl butyl phthalate	1.43	0.854	59.8	10.5	30	10 - 154
Bis(2-chloroethoxy)methane	1.43	0.790	55.3	2.66	30	10 - 132
Bis(2-chloroethyl)ether	1.43	0.968	67.8	1.89	30	10 - 119
Bis(2-chloroisopropyl)ether	1.43	0.759	53.1	14.1	30	10 - 139
Bis(2-ethylhexyl)phthalate	1.43	0.850	59.4	0.465	30	10 - 167
Caprolactam	1.43	0.811	56.7	3.63	30	10 - 132
Carbazole	1.43	0.851	59.5	7.72	30	10 - 167
Chrysene	1.43	0.866	60.6	0.328	30	10 - 156
Dibenzo(a,h)anthracene	1.43	0.925	64.7	1.75	30	10 - 137
Dibenzofuran	1.43	0.829	58.0	4.12	30	10 - 147
Diethyl phthalate	1.43	0.828	57.9	2.53	30	20 - 120
Dimethyl phthalate	1.43	0.848	59.4	0.0614	30	18 - 131
Di-n-butyl phthalate	1.43	0.832	58.2	0.606	30	10 - 137
Di-n-octyl phthalate	1.43	0.882	61.7	17.7	30	10 - 180
Fluoranthene	1.43	0.794	55.5	4.18	30	10 - 160
Fluorene	1.43	0.845	59.1	3.13	30	10 - 157
Hexachlorobenzene	1.43	0.742	51.9	0.949	30	10 - 137
Hexachlorobutadiene	1.43	0.697	48.8	6.48	30	10 - 132
Hexachlorocyclopentadiene	1.43	0.136	9.52 *	11.5	30	10 - 106
Hexachloroethane	1.43	0.731	51.1	19.4	30	10 - 110

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SA40031
Instrument: BNA#2
Calibration Date: 01/17/24 00:42

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6530087	3.800079	7.823625	2.580168E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4765392	2.858935	7.576625	2.037327E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2637998	4.032659	6.764375	3.005801E-02			20	
1,2-Dichlorobenzene	1.481504	3.80841	6.020625	2.085016E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.7903556	4.094289	9.378375	3.830315E-02			20	
1,3-Dichlorobenzene	1.550787	3.93718	5.858125	0.1994453			20	
1,4-Dichlorobenzene	1.548243	3.166065	5.903625	0.7962539			20	
1-Methylnaphthalene	0.6332057	5.148069	7.490375	1.385048E-02			20	
2,3,4,6-Tetrachlorophenol	0.13339	10.79802	8.928125	2.433079E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3258227	5.801638	7.701	3.510097E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2991194	6.106772	7.66225	1.753877E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2477273	3.708722	6.689	1.734268E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.291554	4.206659	6.5155	4.262699E-02			SPCC (0.2)	
2,4-Dinitrophenol	7.469814E-02	46.41296	8.572125	3.839854E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.306853	19.59582	8.756	2.563538E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.291685	37.0105	8.3595	1.358903			SPCC (0.2)	*
2-Chloronaphthalene	1.059643	2.982589	7.85725	3.135721E-02			SPCC (0.8)	
2-Chlorophenol	1.421264	3.478811	5.754	2.243361E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6810348	4.401926	7.386	1.229235E-02			SPCC (0.4)	
2-Methylphenol	1.119436	15.56501	6.032375	0.406218			SPCC (0.7)	
2-Nitroaniline	0.358421	12.44541	7.989625	2.488716E-02			SPCC (0.01)	
2-Nitrophenol	0.1610723	4.658315	6.527875	2.395283E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.747667	2.67077	6.1355	3.471524E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.502945	10.85532	16.24813	2.504201E-02			SPCC (0.01)	
3-Nitroaniline	0.3123599	12.76177	8.452125	2.710539E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.923384E-02	42.02967	9.30925	2.121359E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1694876	3.400531	9.886375	1.388407E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2795567	3.206951	7.225625	1.942095E-02			SPCC (0.2)	
4-Chloroaniline	0.4050381	4.909531	6.864	1.068682E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5801835	3.853906	9.15225	1.776823E-02			SPCC (0.4)	
4-Nitroaniline	0.3170743	12.67247	9.261875	5.136022E-02			SPCC (0.01)	
4-Nitrophenol	0.2259609	14.4912	8.598	5.045227E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40030
Instrument: BNA #7
Calibration Date: 02/22/24 00:39

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5705875	6.148402	7.20525	7.478169E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4536103	6.751845	6.95075	8.087555E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2698429	7.517231	6.096375	0.0661444			20	
1,2-Dichlorobenzene	1.427249	6.075017	5.234	8.680297E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.145782	8.043476	8.752125	8.340501E-02			20	
1,3-Dichlorobenzene	1.465905	6.347702	5.02775	0.1182094			20	
1,4-Dichlorobenzene	1.504313	6.026884	5.073125	0.0937481			20	
1-Methylnaphthalene	0.5678899	6.537311	6.86075	8.799104E-02			20	
2,3,4,6-Tetrachlorophenol	0.1122194	15.98048	8.302125	8.093979E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3124603	12.13672	7.08175	7.100773E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2784054	11.07249	7.043	6.233544E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2402042	7.425488	6.019	7.301163E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2759665	6.953209	5.8495	7.089575E-02			SPCC (0.2)	
2,4-Dinitrophenol	5.593172E-02	45.61	7.94575	7.010385E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.2587652	28.7703	8.13025	7.899846E-02			SPCC (0.2)	*
2,6-Dinitrotoluene	0.2103213	23.2432	7.661375	7.842769E-02			SPCC (0.2)	*
2-Chloronaphthalene	1.074583	5.408081	7.231375	8.962179E-02			SPCC (0.8)	
2-Chlorophenol	1.345502	6.850274	4.908	9.078273E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6508485	6.620473	6.753625	9.038634E-02			SPCC (0.4)	
2-Methylphenol	1.083733	6.264134	5.29575	9.538939E-02			SPCC (0.7)	
2-Nitroaniline	0.3069132	19.16684	7.36825	7.309977E-02			SPCC (0.01)	
2-Nitrophenol	0.1239096	12.99593	5.8345	7.207648E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.670803	6.388205	5.41325	8.345106E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4082844	16.27915	14.5555	4.654941E-02			SPCC (0.01)	
3-Nitroaniline	0.270989	19.60141	7.82775	7.508446E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.760114E-02	43.80819	8.68025	7.808128E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1998659	8.301106	9.2495	6.682285E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2786134	6.027766	6.612625	7.665915E-02			SPCC (0.2)	
4-Chloroaniline	0.4071794	7.278006	6.21175	8.864198E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5713974	5.772009	8.528875	7.368928E-02			SPCC (0.4)	
4-Nitroaniline	0.2769659	19.22991	8.62925	9.007695E-02			SPCC (0.01)	
4-Nitrophenol	0.24276	19.68613	7.987	8.399009E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40030
Instrument: BNA #7
Calibration Date: 02/22/24 00:39

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.080639	5.329298	7.90625	8.456282E-02			SPCC (0.9)	
Acenaphthylene	1.771698	6.443449	7.69275	0.0775875			SPCC (0.9)	
Acetophenone	2.05381	5.285398	5.41925	8.337041E-02			SPCC (0.01)	
Alpha Terpineol	0.3334308	7.606644	6.127	0.0926346			20	
Aniline	1.986372	7.80664	4.818625	0.1212206			SPCC ()	
Anthracene	1.108381	6.682608	9.87775	0.0587946			SPCC (0.7)	
Atrazine	0.2126686	9.067281	9.483875	5.515578E-02			SPCC (0.01)	
Benzaldehyde	1.106628	7.644089	4.698375	8.820942E-02			SPCC (0.01)	
Benzidine	0.5287861	14.89876	11.91787	0.0486556			20	
Benzo(a)anthracene	1.246877	5.973514	14.49225	5.088553E-02			SPCC (0.8)	
Benzo(a)pyrene	1.021962	11.42974	17.42287	3.456734E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.071587	10.38407	16.78437	0.0490674			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9417853	9.257219	19.921	5.392453E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.160736	8.825623	16.83413	4.537656E-02			SPCC (0.7)	
Benzoic acid	0.1342787	36.53771	5.921	0.3758291			20	*
Benzyl alcohol	0.953166	7.454773	5.19225	8.509449E-02			20	
Benzyl butyl phthalate	0.5672721	15.31154	13.51063	4.962894E-02			20	
Bis(2-chloroethoxy)methane	0.4254695	7.467041	5.92825	8.371802E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.503019	6.249607	4.864	0.1140678			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	2.409653	6.884086	5.31575	5.890531E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.7545719	19.20554	14.85962	4.949093E-02			20	
Caprolactam	0.1127448	8.870565	6.486875	0.270406			SPCC (0.01)	
Carbazole	1.035757	6.299317	10.09325	5.806297E-02			SPCC (0.01)	
Chrysene	1.285276	5.541546	14.58463	4.546437E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.8757802	12.80109	19.53488	4.531321E-02			SPCC (0.4)	
Dibenzofuran	1.528817	5.156906	8.0945	6.817568E-02			SPCC (0.8)	
Diethyl phthalate	1.236599	5.237412	8.422	6.612111E-02			SPCC (0.01)	
Dimethyl phthalate	1.213205	4.991265	7.56175	7.024475E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.16677	8.217535	10.66725	5.186843E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.100989	27.19622	16.19412	4.125243E-02			SPCC (0.01)	*
Diphenylamine	0.6704691	6.902978	8.707	7.224998E-02			20	
Fluoranthene	1.18266	6.787894	11.627	5.208564E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40030
Instrument: BNA #7
Calibration Date: 02/22/24 00:39

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.28801	6.148589	8.5515	7.326742E-02			SPCC (0.9)	
Hexachlorobenzene	0.1017841	5.203306	9.44075	5.669351E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1372494	6.988878	6.293875	9.095123E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2552731	12.56377	6.9625	7.489353E-02			SPCC (0.05)	
Hexachloroethane	0.6007961	6.252561	5.49	8.320016E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.9430329	9.304955	19.921	5.392453E-02			SPCC (0.5)	
Isophorone	0.6932469	6.611218	5.751375	6.848833E-02			SPCC (0.4)	
Naphthalene	0.9967142	7.726322	6.153	7.653502E-02			SPCC (0.7)	
Nitrobenzene	0.361415	6.79114	5.56875	9.097715E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.7149884	7.758175	2.749375	0.2679046			20	
N-nitroso-di-n-propylamine	1.255373	6.368473	5.43425	7.700112E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2338669	7.124122	8.707	8.159483E-02			SPCC (0.01)	
Parathion	9.467741E-02	36.97962	10.96712	5.012858E-02			20	*
Pentachloronitrobenzene	7.286172E-02	17.98793	9.741875	0.0601138			20	
Pentachlorophenol	8.486079E-02	27.44166	9.644625	5.304933E-02			SPCC (0.05)	*
Phenanthrene	1.119586	5.717572	9.82475	0.0551951			SPCC (0.7)	
Phenol	1.823252	6.595057	4.795625	8.166067E-02			SPCC (0.8)	
Pyrene	1.441158	5.117646	12.0305	5.247506E-02			SPCC (0.6)	
Pyridine	1.095705	17.28142	2.752429	0.8353468			20	
SURR: 2,4,6-Tribromophenol	6.094856E-02	21.22519	8.934	9.522493E-02			20	*
SURR: 2-Fluorobiphenyl	1.204964	4.913116	7.11225	7.692943E-02			20	
SURR: 2-Fluorophenol	1.18412	6.677385	3.9785	0.1063355			20	
SURR: Nitrobenzene-d5	0.3421349	6.393414	5.554	8.212107E-02			20	
SURR: Phenol-d6	1.759882	6.723611	4.78525	9.219879E-02			20	
SURR: Terphenyl-d14	0.9915315	4.670838	12.3855	5.195506E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40037
Instrument: BNA #4
Calibration Date: 02/28/24 00:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6247485	7.354178	7.565	0.041099			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4082165	4.661488	7.298333	2.947502E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2891061	4.761239	6.393	3.759743E-02			20	
1,2-Dichlorobenzene	1.568512	7.868068	5.52	4.538264E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	1.281507	10.35344	9.209667	2.935185E-02			20	
1,3-Dichlorobenzene	1.624019	6.799965	5.315333	4.04539E-03			20	
1,4-Dichlorobenzene	1.564204	8.386835	5.362	1.525507E-02			20	
1-Methylnaphthalene	0.6929298	7.471439	7.200333	7.811988E-03			20	
2,3,4,6-Tetrachlorophenol	0.1436695	14.41906	8.739	3.208234E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3224605	8.354241	7.44	3.126133E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2971507	9.110625	7.403	0.240948			SPCC (0.2)	
2,4-Dichlorophenol	0.2841329	6.418805	6.316	2.007684E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3677161	7.059455	6.124	1.678634E-02			SPCC (0.2)	
2,4-Dinitrophenol	9.909776E-02	43.64631	8.367	0.0447822			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3739419	11.95169	8.559	3.514149E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2670039	16.81102	8.053	4.315395E-02			SPCC (0.2)	
2-Chloronaphthalene	1.143467	9.951566	7.597	3.249159E-02			SPCC (0.8)	
2-Chlorophenol	1.683037	6.512394	5.199	1.286936E-02			SPCC (0.8)	
2-Methylnaphthalene	0.8032864	8.00625	7.09	1.844497E-02			SPCC (0.4)	
2-Methylphenol	1.292076	6.515035	5.571333	1.309749E-02			SPCC (0.7)	
2-Nitroaniline	0.4043797	13.3287	7.747	1.859935E-02			SPCC (0.01)	
2-Nitrophenol	0.2038698	6.937474	6.124	1.678634E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.969386	5.27058	5.684	5.596985E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.3635993	19.93385	14.987	0.0227066			SPCC (0.01)	
3-Nitroaniline	0.3562061	11.9908	8.238	3.477096E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.1173584	31.1731	9.14	3.700525E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1795647	9.712178	9.609	1.009031E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3698712	5.9026	6.928	3.573793E-02			SPCC (0.2)	
4-Chloroaniline	0.5013203	6.056792	6.514	2.024122E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5349893	8.770886	8.973	2.648006E-02			SPCC (0.4)	
4-Nitroaniline	0.3411069	11.87664	9.095	5.033069E-02			SPCC (0.01)	
4-Nitrophenol	0.2733406	13.87854	8.404	5.447846E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40037
Instrument: BNA #4
Calibration Date: 02/28/24 00:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.173709	7.607941	8.318667	3.346402E-02			SPCC (0.9)	
Acenaphthylene	1.928953	8.001408	8.091833	1.356407E-02			SPCC (0.9)	
Acetophenone	2.308597	11.14652	5.701333	4.991316E-02			SPCC (0.01)	
Alpha Terpineol	0.3235187	7.146361	6.421	1.355743E-02			20	
Aniline	2.306171	10.67111	5.106	9.645222E-03			SPCC ()	
Anthracene	1.103831	7.11257	10.23933	3.139824E-02			SPCC (0.7)	
Atrazine	0.2220835	6.590085	9.820667	2.834143E-02			SPCC (0.01)	
Benzaldehyde	1.448754	5.176087	4.995333	8.645788E-03			SPCC (0.01)	
Benzidine	0.456669	20.58963	12.328	0.0254758			20	*
Benzo(a)anthracene	1.238858	8.981421	14.9365	1.057493E-02			SPCC (0.8)	
Benzo(a)pyrene	1.010491	9.909666	17.87733	2.628251E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.081332	6.769314	17.23733	2.950531E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9966126	10.75047	20.40517	2.226699E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.197763	2.314803	17.287	3.578983E-02			SPCC (0.7)	
Benzoic acid	0.2240949	32.55278	6.198833	0.26561			20	*
Benzyl alcohol	1.07027	7.326632	5.472833	8.928298E-03			20	
Benzyl butyl phthalate	0.7393957	21.29147	13.91917	1.761268E-02			20	*
Bis(2-chloroethoxy)methane	0.5540114	10.85843	6.207667	4.129518E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.814547	9.949674	5.147	1.267307E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.942005	12.54052	5.589	1.070001E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.9726401	19.76533	15.25717	2.010503E-02			20	
Caprolactam	0.1550219	11.55425	6.821167	0.0846236			SPCC (0.01)	
Carbazole	1.181248	6.269619	10.46067	0.0221928			SPCC (0.01)	
Chrysene	1.326552	9.336827	15.02767	1.170393E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9605752	16.03062	19.98667	0.0197292			SPCC (0.4)	
Dibenzofuran	1.585482	9.165037	8.521	1.952211E-02			SPCC (0.8)	
Diethyl phthalate	1.369919	7.398989	8.852833	3.660637E-02			SPCC (0.01)	
Dimethyl phthalate	1.300938	8.055526	7.94	2.629952E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.342313	8.599821	11.03067	2.599619E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.343411	32.18056	16.587	1.596863E-02			SPCC (0.01)	*
Diphenylamine	0.7229768	7.52428	9.163	3.373165E-02			20	
Fluoranthene	1.110984	6.646339	12.04	1.334231E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40037
Instrument: BNA #4
Calibration Date: 02/28/24 00:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.346898	7.980161	9.008	4.037219E-02			SPCC (0.9)	
Hexachlorobenzene	0.1234671	6.562633	9.790333	1.908883E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1240752	6.095956	6.595167	4.060188E-03			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2201155	12.36575	7.305	1.201016E-02			SPCC (0.05)	
Hexachloroethane	0.6793899	6.839658	5.775	2.543281E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.9948772	10.84894	20.40517	2.226699E-02			SPCC (0.5)	
Isophorone	0.8355524	7.122288	6.035	4.848752E-02			SPCC (0.4)	
Naphthalene	1.1001	14.61253	6.456	1.990585E-02			SPCC (0.7)	
Nitrobenzene	0.4492418	7.904982	5.851833	3.740316E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.068787	15.74116	3.135	8.014245E-02			20	
N-nitroso-di-n-propylamine	1.0928	9.215283	5.711	6.930851E-03			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2602729	7.674483	9.163	3.373165E-02			SPCC (0.01)	
Parathion	0.1432466	36.43727	11.346	3.716168E-02			20	*
Pentachloronitrobenzene	8.161671E-02	10.68976	10.093	2.641749E-02			20	
Pentachlorophenol	9.655067E-02	20.78096	9.995	2.855477E-02			SPCC (0.05)	*
Phenanthrene	1.103283	9.079816	10.185	2.013914E-02			SPCC (0.7)	
Phenol	2.11709	10.5405	5.073	6.131544E-02			SPCC (0.8)	
Pyrene	1.566166	6.934069	12.454	2.901533E-02			SPCC (0.6)	
Pyridine	1.789866	14.7884	3.142333	0.1539919			20	
SURR: 2,4,6-Tribromophenol	7.663769E-02	16.45373	9.382	2.169517E-02			20	
SURR: 2-Fluorobiphenyl	1.199233	8.790433	7.463	3.229216E-02			20	
SURR: 2-Fluorophenol	1.627092	9.663123	4.287833	6.908006E-02			20	
SURR: Nitrobenzene-d5	0.4393705	5.144901	5.839	0.0255019			20	
SURR: Phenol-d6	2.065393	6.731085	5.064	5.113517E-02			20	
SURR: Terphenyl-d14	1.003345	6.971163	12.797	2.243472E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40028
Instrument: BNA #3
Calibration Date: 03/12/24 00:17

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5791596	6.045494	7.7345	7.446584E-03			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4951817	9.890641	7.490167	6.22828E-03			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2868768	5.891685	6.6855	1.158363E-02			20	
1,2-Dichlorobenzene	1.474732	5.927577	5.950667	1.783826E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.6582099	7.38921	9.268375	0.0211581			20	
1,3-Dichlorobenzene	1.516614	6.007901	5.781667	2.392553E-02			20	
1,4-Dichlorobenzene	1.576026	5.880449	5.815667	1.495269E-02			20	
1-Methylnaphthalene	0.5890477	7.698235	7.403333	1.926141E-02			20	
2,3,4,6-Tetrachlorophenol	0.1287709	8.896537	8.82475	1.801248E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3636299	7.377183	7.615125	1.309581E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3305171	7.899852	7.576625	5.945084E-03			SPCC (0.2)	
2,4-Dichlorophenol	0.2630672	7.112813	6.613875	2.284873E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2786744	7.503663	6.44325	1.392331E-02			SPCC (0.2)	
2,4-Dinitrophenol	8.245314E-02	40.23118	8.474125	2.118498E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.2872492	17.78795	8.655833	2.680624E-03			SPCC (0.2)	
2,6-Dinitrotoluene	0.2136101	18.78632	8.183	2.215235E-02			SPCC (0.2)	
2-Chloronaphthalene	1.102644	6.207726	7.766667	1.698777E-02			SPCC (0.8)	
2-Chlorophenol	1.370131	6.636942	5.683375	1.916069E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6607882	7.050412	7.300667	6.108181E-03			SPCC (0.4)	
2-Methylphenol	1.097348	6.926928	5.972875	2.310356E-02			SPCC (0.7)	
2-Nitroaniline	0.3033566	15.69936	7.900667	8.628656E-03			SPCC (0.01)	
2-Nitrophenol	0.1464626	11.02831	6.45375	3.562524E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.678887	7.339588	6.067	1.681308E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.3700062	11.06938	16.081	3.908163E-03			SPCC (0.01)	
3-Nitroaniline	0.2799666	13.53211	8.357167	2.746878E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.835517E-02	39.71526	9.201	2.706848E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1905695	5.83299	9.768667	1.776873E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2630321	7.405124	7.1465	1.694633E-02			SPCC (0.2)	
4-Chloroaniline	0.4024316	6.475718	6.788	1.451046E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6194848	6.303774	9.045	1.167683E-02			SPCC (0.4)	
4-Nitroaniline	0.276694	14.17385	9.158167	4.593023E-02			SPCC (0.01)	
4-Nitrophenol	0.1823601	16.13272	8.503625	3.241191E-02			SPCC (0.01)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SA40031
Laboratory ID: S4A1833-SCV1
Sequence: S4A1833
Standard ID: S23H366

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	34.6	15.3	30.00
1,2-Dichlorobenzene	30.0	33.3	11.0	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	34.6	15.2	30.00
1,3-Dichlorobenzene	30.0	33.5	11.6	30.00
1,4-Dichlorobenzene	30.0	31.9	6.2	30.00
1-Methylnaphthalene	30.0	32.4	8.0	30.00
2,3,4,6-Tetrachlorophenol	30.0	36.4	21.4	30.00
2,4,5-Trichlorophenol	30.0	34.2	14.1	30.00
2,4,6-Trichlorophenol	30.0	35.4	17.9	30.00
2,4-Dichlorophenol	30.0	36.2	20.7	30.00
2,4-Dimethylphenol	30.0	25.6	-14.8	30.00
2,4-Dinitrophenol	30.0	49.8	66.1 *	30.00
2,4-Dinitrotoluene	30.0	40.9	36.3 *	30.00
2,6-Dinitrotoluene	30.0	33.3	11.0	30.00
2-Chloronaphthalene	30.0	33.9	13.1	30.00
2-Chlorophenol	30.0	35.1	17.1	30.00
2-Methylnaphthalene	30.0	34.6	15.2	30.00
2-Methylphenol	30.0	35.8	19.3	30.00
2-Nitroaniline	30.0	38.3	27.6	30.00
2-Nitrophenol	30.0	37.4	24.8	30.00
3- & 4-Methylphenols	30.0	30.2	0.5	30.00
3-Nitroaniline	30.0	37.9	26.4	30.00
4,6-Dinitro-2-methylphenol	30.0	49.7	65.6 *	30.00
4-Bromophenyl phenyl ether	30.0	33.0	10.0	30.00
4-Chloro-3-methylphenol	30.0	35.9	19.7	30.00
4-Chloroaniline	30.0	33.2	10.5	30.00
4-Chlorophenyl phenyl ether	30.0	33.0	10.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SA40031
Laboratory ID: S4A1833-SCV1
Sequence: S4A1833
Standard ID: S23H366

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	33.3	11.0	30.00
Fluorene	30.0	32.9	9.6	30.00
Hexachlorobenzene	30.0	34.3	14.3	30.00
Hexachlorobutadiene	30.0	34.1	13.6	30.00
Hexachlorocyclopentadiene	30.0	22.6	-24.8	30.00
Hexachloroethane	30.0	33.9	13.0	30.00
Indeno(1,2,3-cd)pyrene	30.0	37.8	25.9	30.00
Isophorone	30.0	35.7	18.9	30.00
Naphthalene	30.0	34.4	14.6	30.00
Nitrobenzene	30.0	34.6	15.3	30.00
N-Nitrosodimethylamine	30.0	33.1	10.2	30.00
N-nitroso-di-n-propylamine	30.0	33.5	11.7	30.00
N-Nitrosodiphenylamine	30.0	39.7	32.3 *	30.00
Pentachlorophenol	30.0	41.0	36.8 *	30.00
Phenanthrene	30.0	34.1	13.7	30.00
Phenol	30.0	34.4	14.6	30.00
Pyrene	30.0	35.7	19.1	30.00
Pyridine	30.0	38.4	28.0	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40030
Laboratory ID: S4B2615-SCV1
Sequence: S4B2615
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	30.7	2.2	30.00
1,2-Dichlorobenzene	30.0	28.8	-3.9	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	28.9	-3.7	30.00
1,3-Dichlorobenzene	30.0	29.4	-2.1	30.00
1,4-Dichlorobenzene	30.0	30.0	0.07	30.00
1-Methylnaphthalene	30.0	28.3	-5.6	30.00
2,3,4,6-Tetrachlorophenol	30.0	37.1	23.6	30.00
2,4,5-Trichlorophenol	30.0	31.7	5.6	30.00
2,4,6-Trichlorophenol	30.0	31.6	5.3	30.00
2,4-Dichlorophenol	30.0	31.8	5.9	30.00
2,4-Dimethylphenol	30.0	21.2	-29.4	30.00
2,4-Dinitrophenol	30.0	44.7	49.1 *	30.00
2,4-Dinitrotoluene	30.0	38.8	29.2	30.00
2,6-Dinitrotoluene	30.0	37.3	24.5	30.00
2-Chloronaphthalene	30.0	29.3	-2.3	30.00
2-Chlorophenol	30.0	30.2	0.5	30.00
2-Methylnaphthalene	30.0	30.7	2.2	30.00
2-Methylphenol	30.0	29.1	-2.9	30.00
2-Nitroaniline	30.0	34.7	15.8	30.00
2-Nitrophenol	30.0	36.8	22.8	30.00
3- & 4-Methylphenols	30.0	25.6	-14.6	30.00
3-Nitroaniline	30.0	34.6	15.5	30.00
4,6-Dinitro-2-methylphenol	30.0	43.2	43.9 *	30.00
4-Bromophenyl phenyl ether	30.0	29.6	-1.3	30.00
4-Chloro-3-methylphenol	30.0	31.1	3.6	30.00
4-Chloroaniline	30.0	28.2	-6.1	30.00
4-Chlorophenyl phenyl ether	30.0	29.0	-3.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40030
Laboratory ID: S4B2615-SCV1
Sequence: S4B2615
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	28.7	-4.4	30.00
Fluorene	30.0	29.3	-2.5	30.00
Hexachlorobenzene	30.0	27.8	-7.2	30.00
Hexachlorobutadiene	30.0	30.4	1.4	30.00
Hexachlorocyclopentadiene	30.0	16.3	-45.5 *	30.00
Hexachloroethane	30.0	29.2	-2.8	30.00
Indeno(1,2,3-cd)pyrene	30.0	31.4	4.6	30.00
Isophorone	30.0	30.9	3.0	30.00
Naphthalene	30.0	30.3	1.1	30.00
Nitrobenzene	30.0	30.3	1.1	30.00
N-Nitrosodimethylamine	30.0	28.3	-5.6	30.00
N-nitroso-di-n-propylamine	30.0	27.4	-8.7	30.00
N-Nitrosodiphenylamine	30.0	33.9	13.1	30.00
Pentachlorophenol	30.0	38.1	27.0	30.00
Phenanthrene	30.0	28.2	-6.0	30.00
Phenol	30.0	27.3	-9.0	30.00
Pyrene	30.0	28.8	-4.1	30.00
Pyridine	30.0	21.7	-27.5	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV1
Sequence: S4B2943
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	31.8	6.0	30.00
1,2-Dichlorobenzene	30.0	30.6	2.0	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	30.6	2.0	30.00
1,3-Dichlorobenzene	30.0	31.2	4.0	30.00
1,4-Dichlorobenzene	30.0	31.0	3.5	30.00
1-Methylnaphthalene	30.0	30.7	2.2	30.00
2,3,4,6-Tetrachlorophenol	30.0	37.9	26.4	30.00
2,4,5-Trichlorophenol	30.0	33.3	11.0	30.00
2,4,6-Trichlorophenol	30.0	34.3	14.5	30.00
2,4-Dichlorophenol	30.0	33.5	11.7	30.00
2,4-Dimethylphenol	30.0	23.4	-22.1	30.00
2,4-Dinitrophenol	30.0	44.9	49.8 *	30.00
2,4-Dinitrotoluene	30.0	34.0	13.2	30.00
2,6-Dinitrotoluene	30.0	37.0	23.3	30.00
2-Chloronaphthalene	30.0	31.6	5.2	30.00
2-Chlorophenol	30.0	30.7	2.3	30.00
2-Methylnaphthalene	30.0	32.6	8.7	30.00
2-Methylphenol	30.0	31.5	4.9	30.00
2-Nitroaniline	30.0	35.1	17.1	30.00
2-Nitrophenol	30.0	35.4	17.8	30.00
3- & 4-Methylphenols	30.0	27.6	-8.0	30.00
3-Nitroaniline	30.0	34.1	13.7	30.00
4,6-Dinitro-2-methylphenol	30.0	42.7	42.3 *	30.00
4-Bromophenyl phenyl ether	30.0	31.6	5.2	30.00
4-Chloro-3-methylphenol	30.0	33.8	12.5	30.00
4-Chloroaniline	30.0	31.8	6.1	30.00
4-Chlorophenyl phenyl ether	30.0	31.6	5.5	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV1
Sequence: S4B2943
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
4-Nitroaniline	30.0	35.2	17.2	30.00
4-Nitrophenol	30.0	34.4	14.8	30.00
Acenaphthene	30.0	30.6	1.9	30.00
Acenaphthylene	30.0	29.3	-2.3	30.00
Aniline	30.0	29.9	-0.3	30.00
Anthracene	30.0	29.9	-0.3	30.00
Benzo(a)anthracene	30.0	33.1	10.5	30.00
Benzo(a)pyrene	30.0	32.7	9.1	30.00
Benzo(b)fluoranthene	30.0	33.2	10.7	30.00
Benzo(g,h,i)perylene	30.0	33.8	12.7	30.00
Benzo(k)fluoranthene	30.0	32.7	9.0	30.00
Benzyl alcohol	30.0	32.4	8.0	30.00
Benzyl butyl phthalate	30.0	35.5	18.4	30.00
Bis(2-chloroethoxy)methane	30.0	31.4	4.5	30.00
Bis(2-chloroethyl)ether	30.0	30.8	2.7	30.00
Bis(2-chloroisopropyl)ether	30.0	28.9	-3.7	30.00
Bis(2-ethylhexyl)phthalate	30.0	36.0	20.1	30.00
Carbazole	30.0	30.6	1.8	30.00
Chrysene	30.0	29.9	-0.3	30.00
Cresols, total	60.0	59.1	-1.6	30.00
Dibenzo(a,h)anthracene	30.0	35.0	16.8	30.00
Dibenzofuran	30.0	30.5	1.8	30.00
Diethyl phthalate	30.0	31.0	3.3	30.00
Dimethyl phthalate	30.0	31.3	4.5	30.00
Di-n-butyl phthalate	30.0	32.7	9.0	30.00
Di-n-octyl phthalate	30.0	39.2	30.8 *	30.00
Diphenylamine	30.0	37.1	23.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV1
Sequence: S4B2943
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	32.0	6.8	30.00
Fluorene	30.0	30.8	2.7	30.00
Hexachlorobenzene	30.0	31.5	5.1	30.00
Hexachlorobutadiene	30.0	32.1	7.1	30.00
Hexachlorocyclopentadiene	30.0	18.1	-39.8 *	30.00
Hexachloroethane	30.0	31.6	5.3	30.00
Indeno(1,2,3-cd)pyrene	30.0	29.9	-0.3	30.00
Isophorone	30.0	32.5	8.3	30.00
Naphthalene	30.0	30.9	3.1	30.00
Nitrobenzene	30.0	33.8	12.8	30.00
N-Nitrosodimethylamine	30.0	33.3	10.9	30.00
N-nitroso-di-n-propylamine	30.0	33.4	11.2	30.00
N-Nitrosodiphenylamine	30.0	37.7	25.6	30.00
Pentachlorophenol	30.0	38.6	28.6	30.00
Phenanthrene	30.0	30.4	1.2	30.00
Phenol	30.0	33.8	12.5	30.00
Pyrene	30.0	32.0	6.7	30.00
Pyridine	30.0	27.6	-7.9	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40037
Laboratory ID: S4B2943-SCV2
Sequence: S4B2943
Standard ID: S24A243

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	30.5	1.7	30.00
3,3-Dichlorobenzidine	30.0	35.8	19.5	30.00
Acetophenone	30.0	29.6	-1.3	30.00
Atrazine	30.0	35.4	18.0	30.00
Benzaldehyde	30.0	28.3	-5.7	30.00
Benzidine	30.0	43.3	44.2 *	30.00
Benzoic acid	30.0	38.5	28.3	30.00
Caprolactam	30.0	32.4	7.8	30.00
Pentachloronitrobenzene	30.0	34.8	16.0	30.00
Parathion	30.0	41.6	38.6 *	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40028
Laboratory ID: S4C1317-SCV1
Sequence: S4C1317
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
2,3,4,6-Tetrachlorophenol	30.0	30.6	1.8	30.00
2,4,5-Trichlorophenol	30.0	28.0	-6.7	30.00
2,4,6-Trichlorophenol	30.0	28.4	-5.2	30.00
2,4-Dichlorophenol	30.0	29.3	-2.4	30.00
2,4-Dimethylphenol	30.0	19.4	-35.5	30.00
2,4-Dinitrophenol	30.0	38.3	27.7	30.00
2,4-Dinitrotoluene	30.0	32.8	9.3	30.00
2,6-Dinitrotoluene	30.0	34.7	15.5	30.00
2-Chloronaphthalene	30.0	27.8	-7.3	30.00
2-Chlorophenol	30.0	28.4	-5.3	30.00
2-Methylnaphthalene	30.0	29.4	-2.0	30.00
2-Methylphenol	30.0	27.2	-9.4	30.00
2-Nitroaniline	30.0	31.8	5.9	30.00
2-Nitrophenol	30.0	31.0	3.2	30.00
3- & 4-Methylphenols	30.0	23.9	-20.3	30.00
3-Nitroaniline	30.0	32.2	7.4	30.00
4,6-Dinitro-2-methylphenol	30.0	37.1	23.5	30.00
4-Bromophenyl phenyl ether	30.0	27.7	-7.6	30.00
4-Chloro-3-methylphenol	30.0	29.4	-2.1	30.00
4-Chloroaniline	30.0	27.4	-8.7	30.00
4-Chlorophenyl phenyl ether	30.0	27.0	-10.1	30.00
4-Nitroaniline	30.0	32.5	8.3	30.00
4-Nitrophenol	30.0	32.5	8.2	30.00
Benzyl butyl phthalate	30.0	28.4	-5.5	30.00
Bis(2-chloroethoxy)methane	30.0	28.8	-4.0	30.00
Bis(2-chloroethyl)ether	30.0	27.3	-8.9	30.00
Bis(2-chloroisopropyl)ether	30.0	27.3	-9.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40028
Laboratory ID: S4C1317-SCV1
Sequence: S4C1317
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Carbazole	30.0	28.1	-6.4	30.00
Dibenzofuran	30.0	27.4	-8.6	30.00
Diethyl phthalate	30.0	27.9	-7.0	30.00
Dimethyl phthalate	30.0	28.0	-6.5	30.00
Di-n-butyl phthalate	30.0	28.3	-5.6	30.00
Di-n-octyl phthalate	30.0	28.5	-4.9	30.00
Hexachlorocyclopentadiene	30.0	13.2	-55.9 *	30.00
Isophorone	30.0	29.7	-0.9	30.00
N-nitroso-di-n-propylamine	30.0	26.7	-11.0	30.00
N-Nitrosodiphenylamine	30.0	31.9	6.2	30.00
Phenol	30.0	27.3	-9.0	30.00
Pyridine	30.0	19.8	-34.0 *	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415567.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2135	Injection Date:	03/20/24
Lab Sample ID:	S4C2135-CCV1	Injection Time:	09:35

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	30.4	0.6247485	0.6341838	0.01	1.5	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	29.0	0.4082165	0.3939665	0.01	-3.5	20	
1,2,4-Trichlorobenzene	A	30.0	30.7	0.2891061	0.2957313		2.3	20	
1,2-Dichlorobenzene	A	30.0	29.3	1.568512	1.53048		-2.4	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	26.2	1.281507	1.117175		-12.8	20	
1,3-Dichlorobenzene	A	30.0	29.4	1.624019	1.592562		-1.9	20	
1,4-Dichlorobenzene	A	30.0	28.3	1.564204	1.47568		-5.7	20	
1-Methylnaphthalene	A	30.0	29.9	0.6929298	0.6906961		-0.3	20	
2,3,4,6-Tetrachlorophenol	A	30.0	37.1	0.1436695	0.177764	0.01	23.7	20	*
2,4,5-Trichlorophenol	A	30.0	32.8	0.3224605	0.3529952	0.2	9.5	20	
2,4,6-Trichlorophenol	A	30.0	34.9	0.2971507	0.3453791	0.2	16.2	20	
2,4-Dichlorophenol	A	30.0	33.0	0.2841329	0.3128343	0.2	10.1	20	
2,4-Dimethylphenol	A	30.0	30.6	0.3677161	0.3749963	0.2	2.0	20	
2,4-Dinitrophenol	A	30.0	52.2	9.909776E-02	0.1724299	0.01	74.0	20	*
2,4-Dinitrotoluene	A	30.0	35.0	0.3739419	0.4367004	0.2	16.8	20	
2,6-Dinitrotoluene	A	30.0	39.4	0.2670039	0.3510841	0.2	31.5	20	*
2-Chloronaphthalene	A	30.0	29.2	1.143467	1.113004	0.8	-2.7	20	
2-Chlorophenol	A	30.0	28.8	1.683037	1.612968	0.8	-4.2	20	
2-Methylnaphthalene	A	30.0	29.7	0.8032864	0.7962454	0.4	-0.9	20	
2-Methylphenol	A	30.0	30.6	1.292076	1.317053	0.7	1.9	20	
2-Nitroaniline	A	30.0	38.0	0.4043797	0.512585	0.01	26.8	20	*
2-Nitrophenol	A	30.0	35.2	0.2038698	0.2394988	0.1	17.5	20	
3- & 4-Methylphenols	A	30.0	28.0	1.969386	1.838405	0.6	-6.7	20	
3,3-Dichlorobenzidine	A	30.0	41.9	0.3635993	0.5081713	0.01	39.8	20	*
3-Nitroaniline	A	30.0	39.3	0.3562061	0.4661414	0.01	30.9	20	*
4,6-Dinitro-2-methylphenol	A	30.0	35.9	0.1173584	0.1404907	0.01	19.7	20	
4-Bromophenyl phenyl ether	A	30.0	30.9	0.1795647	0.1849624	0.1	3.0	20	
4-Chloro-3-methylphenol	A	30.0	32.0	0.3698712	0.3944534	0.2	6.6	20	
4-Chloroaniline	A	30.0	31.6	0.5013203	0.5281052	0.01	5.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415567.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2135	Injection Date:	03/20/24
Lab Sample ID:	S4C2135-CCV1	Injection Time:	09:35

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	31.1	0.5349893	0.554971	0.4	3.7	20	
4-Nitroaniline	A	30.0	42.4	0.3411069	0.4819339	0.01	41.3	20	*
4-Nitrophenol	A	30.0	35.6	0.2733406	0.3247208	0.01	18.8	20	
Acenaphthene	A	30.0	30.0	1.173709	1.173685	0.9	-0.002	20	
Acenaphthylene	A	30.0	30.8	1.928953	1.983775	0.9	2.8	20	
Acetophenone	A	30.0	26.2	2.308597	2.012524	0.01	-12.8	20	
Alpha Terpineol	A	30.0	30.2	0.3235187	0.3255345		0.6	20	
Aniline	A	30.0	27.0	2.306171	2.078324		-9.9	20	
Anthracene	A	30.0	31.8	1.103831	1.16995	0.7	6.0	20	
Atrazine	A	30.0	30.6	0.2220835	0.2263487	0.01	1.9	20	
Benzaldehyde	A	30.0	28.5	1.448754	1.377829	0.01	-4.9	20	
Benzidine	A	30.0	50.3	0.456669	0.766192		67.8	20	*
Benzo(a)anthracene	A	30.0	34.0	1.238858	1.403288	0.8	13.3	20	
Benzo(a)pyrene	A	30.0	35.3	1.010491	1.189821	0.7	17.7	20	
Benzo(b)fluoranthene	A	30.0	35.9	1.081332	1.294756	0.7	19.7	20	
Benzo(g,h,i)perylene	A	30.0	33.0	0.9966126	1.096231	0.5	10.0	20	
Benzo(k)fluoranthene	A	30.0	31.5	1.197763	1.25771	0.7	5.0	20	
Benzoic acid	A	30.0	34.9	0.2240949	0.260481		16.2	20	
Benzyl alcohol	A	30.0	32.4	1.07027	1.157265		8.1	20	
Benzyl butyl phthalate	A	30.0	41.3	0.7393957	1.017351		37.6	20	*
Bis(2-chloroethoxy)methane	A	30.0	28.0	0.5540114	0.5164553	0.3	-6.8	20	
Bis(2-chloroethyl)ether	A	30.0	27.3	1.814547	1.652363	0.7	-8.9	20	
Bis(2-chloroisopropyl)ether	A	30.0	28.2	1.942005	1.828756	0.01	-5.8	20	
Bis(2-ethylhexyl)phthalate	A	30.0	40.2	0.9726401	1.304667		34.1	20	*
Caprolactam	A	30.0	33.2	0.1550219	0.1717798	0.01	10.8	20	
Carbazole	A	30.0	30.4	1.181248	1.197463	0.01	1.4	20	
Chrysene	A	30.0	29.1	1.326552	1.287771	0.7	-2.9	20	
Dibenzo(a,h)anthracene	A	30.0	34.3	0.9605752	1.099485	0.4	14.5	20	
Dibenzofuran	A	30.0	30.8	1.585482	1.627106	0.8	2.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #4	Calibration:	SB40037
Lab File ID:	SV4415567.D	Calibration Date:	02/28/24 00:54
Sequence:	S4C2135	Injection Date:	03/20/24
Lab Sample ID:	S4C2135-CCV1	Injection Time:	09:35

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	31.8	1.369919	1.452558	0.01	6.0	20	
Dimethyl phthalate	A	30.0	31.1	1.300938	1.347729	0.01	3.6	20	
Di-n-butyl phthalate	A	30.0	32.6	1.342313	1.458136	0.01	8.6	20	
Di-n-octyl phthalate	A	30.0	49.6	1.343411	2.222029	0.01	65.4	20	*
Diphenylamine	A	30.0	28.9	0.7229768	0.6972522		-3.6	20	
Fluoranthene	A	30.0	32.4	1.110984	1.199521	0.6	8.0	20	
Fluorene	A	30.0	30.2	1.346898	1.357092	0.9	0.8	20	
Hexachlorobenzene	A	30.0	31.5	0.1234671	0.1296384	0.1	5.0	20	
Hexachlorobutadiene	A	30.0	31.4	0.1240752	0.1298703	0.01	4.7	20	
Hexachlorocyclopentadiene	A	30.0	28.1	0.2201155	0.2060486	0.05	-6.4	20	
Hexachloroethane	A	30.0	30.9	0.6793899	0.6999035	0.3	3.0	20	
Indeno(1,2,3-cd)pyrene	A	30.0	34.6	0.9948772	1.148514	0.5	15.4	20	
Isophorone	A	30.0	29.6	0.8355524	0.8235525	0.4	-1.4	20	
Naphthalene	A	30.0	28.2	1.1001	1.032633	0.7	-6.1	20	
Nitrobenzene	A	30.0	30.2	0.4492418	0.4523041	0.2	0.7	20	
N-Nitrosodimethylamine	A	30.0	33.7	1.068787	1.200351		12.3	20	
N-nitroso-di-n-propylamine	A	30.0	29.6	1.0928	1.079698	0.5	-1.2	20	
N-Nitrosodiphenylamine	A	30.0	29.7	0.2602729	0.2574969	0.01	-1.1	20	
Parathion	A	30.0	52.0	0.1432466	0.2482179		73.3	20	*
Pentachloronitrobenzene	A	30.0	31.4	8.161671E-02	8.534868E-02		4.6	20	
Pentachlorophenol	A	30.0	31.8	9.655067E-02	0.1022949	0.05	5.9	20	
Phenanthrene	A	30.0	30.8	1.103283	1.132184	0.7	2.6	20	
Phenol	A	30.0	28.8	2.11709	2.030162	0.8	-4.1	20	
Pyrene	A	30.0	29.9	1.566166	1.560234	0.6	-0.4	20	
Pyridine	A	30.0	33.4	1.789866	1.990958		11.2	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #7	Calibration:	SB40030
Lab File ID:	E70353739.D	Calibration Date:	02/22/24 00:39
Sequence:	S4C2141	Injection Date:	03/20/24
Lab Sample ID:	S4C2141-CCV1	Injection Time:	10:32

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	31.4	0.5705875	0.5966234	0.01	4.6	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	32.3	0.4536103	0.4890422	0.01	7.8	20	
1,2,4-Trichlorobenzene	A	30.0	27.0	0.2698429	0.2424596		-10.1	20	
1,2-Dichlorobenzene	A	30.0	28.6	1.427249	1.35899		-4.8	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	20.5	1.145782	0.7833562		-31.6	20	*
1,3-Dichlorobenzene	A	30.0	29.4	1.465905	1.438212		-1.9	20	
1,4-Dichlorobenzene	A	30.0	29.4	1.504313	1.475272		-1.9	20	
2,3,4,6-Tetrachlorophenol	A	30.0	45.3	0.1122194	0.169555	0.01	51.1	20	*
2,4,5-Trichlorophenol	A	30.0	35.7	0.3124603	0.372236	0.2	19.1	20	
2,4,6-Trichlorophenol	A	30.0	34.4	0.2784054	0.3193355	0.2	14.7	20	
2,4-Dichlorophenol	A	30.0	28.5	0.2402042	0.2285256	0.2	-4.9	20	
2,4-Dimethylphenol	A	30.0	26.2	0.2759665	0.2411641	0.2	-12.6	20	
2,4-Dinitrophenol	A	30.0	62.4	5.593172E-02	0.1208263	0.01	116	20	*
2,4-Dinitrotoluene	A	30.0	43.0	0.2587652	0.370794	0.2	43.3	20	*
2,6-Dinitrotoluene	A	30.0	40.2	0.2103213	0.2819521	0.2	34.1	20	*
2-Chloronaphthalene	A	30.0	29.5	1.074583	1.057375	0.8	-1.6	20	
2-Chlorophenol	A	30.0	29.4	1.345502	1.318189	0.8	-2.0	20	
2-Methylnaphthalene	A	30.0	27.0	0.6508485	0.5868442	0.4	-9.8	20	
2-Methylphenol	A	30.0	28.8	1.083733	1.039514	0.7	-4.1	20	
2-Nitroaniline	A	30.0	37.1	0.3069132	0.3793745	0.01	23.6	20	*
2-Nitrophenol	A	30.0	35.9	0.1239096	0.1483287	0.1	19.7	20	
3- & 4-Methylphenols	A	30.0	29.7	1.670803	1.654243	0.6	-1.0	20	
3,3-Dichlorobenzidine	A	30.0	35.8	0.4082844	0.4871085	0.01	19.3	20	
3-Nitroaniline	A	30.0	35.7	0.270989	0.3227636	0.01	19.1	20	
4,6-Dinitro-2-methylphenol	A	30.0	37.7	6.760114E-02	8.488657E-02	0.01	25.6	20	*
4-Bromophenyl phenyl ether	A	30.0	20.4	0.1998659	0.1360364	0.1	-31.9	20	*
4-Chloro-3-methylphenol	A	30.0	30.0	0.2786134	0.2785357	0.2	-0.03	20	
4-Chloroaniline	A	30.0	26.4	0.4071794	0.3577113	0.01	-12.1	20	
4-Chlorophenyl phenyl ether	A	30.0	29.4	0.5713974	0.5609456	0.4	-1.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #7	Calibration:	SB40030
Lab File ID:	E70353739.D	Calibration Date:	02/22/24 00:39
Sequence:	S4C2141	Injection Date:	03/20/24
Lab Sample ID:	S4C2141-CCV1	Injection Time:	10:32

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	35.7	0.2769659	0.3296559	0.01	19.0	20	
4-Nitrophenol	A	30.0	46.0	0.24276	0.3676471	0.01	51.4	20	*
Acenaphthene	A	30.0	29.9	1.080639	1.076484	0.9	-0.4	20	
Acenaphthylene	A	30.0	30.2	1.771698	1.784931	0.9	0.7	20	
Acetophenone	A	30.0	28.7	2.05381	1.965545	0.01	-4.3	20	
Aniline	A	30.0	29.7	1.986372	2.020974		1.7	20	
Anthracene	A	30.0	29.2	1.108381	1.077395	0.7	-2.8	20	
Atrazine	A	30.0	29.4	0.2126686	0.2080751	0.01	-2.2	20	
Benzaldehyde	A	30.0	27.5	1.106628	1.013961	0.01	-8.4	20	
Benzidine	A	30.0	32.1	0.5287861	0.5656797		7.0	20	
Benzo(a)anthracene	A	30.0	30.5	1.246877	1.26792	0.8	1.7	20	
Benzo(a)pyrene	A	30.0	27.5	1.021962	0.9364231	0.7	-8.4	20	
Benzo(b)fluoranthene	A	30.0	29.0	1.071587	1.034104	0.7	-3.5	20	
Benzo(g,h,i)perylene	A	30.0	30.3	0.9417853	0.9505013	0.5	0.9	20	
Benzo(k)fluoranthene	A	30.0	25.7	1.160736	0.9929505	0.7	-14.5	20	
Benzoic acid	A	30.0	31.7	0.1342787	0.1649276		22.8	20	*
Benzyl alcohol	A	30.0	29.2	0.953166	0.9293442		-2.5	20	
Benzyl butyl phthalate	A	30.0	35.6	0.5672721	0.6724985		18.5	20	
Bis(2-chloroethoxy)methane	A	30.0	25.3	0.4254695	0.3589948	0.3	-15.6	20	
Bis(2-chloroethyl)ether	A	30.0	27.4	1.503019	1.371584	0.7	-8.7	20	
Bis(2-chloroisopropyl)ether	A	30.0	25.6	2.409653	2.053263	0.01	-14.8	20	
Bis(2-ethylhexyl)phthalate	A	30.0	34.0	0.7545719	0.8555518		13.4	20	
Caprolactam	A	30.0	26.6	0.1127448	0.1001524	0.01	-11.2	20	
Carbazole	A	30.0	28.1	1.035757	0.9715866	0.01	-6.2	20	
Chrysene	A	30.0	27.9	1.285276	1.193642	0.7	-7.1	20	
Dibenzo(a,h)anthracene	A	30.0	33.9	0.8757802	0.9933848	0.4	13.4	20	
Dibenzofuran	A	30.0	29.7	1.528817	1.515026	0.8	-0.9	20	
Diethyl phthalate	A	30.0	32.9	1.236599	1.356604	0.01	9.7	20	
Dimethyl phthalate	A	30.0	31.2	1.213205	1.262099	0.01	4.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #7	Calibration:	SB40030
Lab File ID:	E70353739.D	Calibration Date:	02/22/24 00:39
Sequence:	S4C2141	Injection Date:	03/20/24
Lab Sample ID:	S4C2141-CCV1	Injection Time:	10:32

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	30.9	1.16677	1.200556	0.01	2.9	20	
Di-n-octyl phthalate	A	30.0	39.6	1.100989	1.452542	0.01	31.9	20	*
Fluoranthene	A	30.0	29.1	1.18266	1.148256	0.6	-2.9	20	
Fluorene	A	30.0	30.3	1.28801	1.300924	0.9	1.0	20	
Hexachlorobenzene	A	30.0	27.8	0.1017841	9.431227E-02	0.1	-7.3	20	
Hexachlorobutadiene	A	30.0	30.1	0.1372494	0.1378988	0.01	0.5	20	
Hexachlorocyclopentadiene	A	30.0	32.7	0.2552731	0.2782498	0.05	9.0	20	
Hexachloroethane	A	30.0	31.4	0.6007961	0.6279666	0.3	4.5	20	
Indeno(1,2,3-cd)pyrene	A	30.0	35.6	0.9430329	0.9731418	0.5	3.2	20	
Isophorone	A	30.0	28.6	0.6932469	0.6618723	0.4	-4.5	20	
Naphthalene	A	30.0	26.2	0.9967142	0.8695906	0.7	-12.8	20	
Nitrobenzene	A	30.0	32.1	0.361415	0.3869507	0.2	7.1	20	
N-Nitrosodimethylamine	A	30.0	33.5	0.7149884	0.7980602		11.6	20	
N-nitroso-di-n-propylamine	A	30.0	29.8	1.255373	1.245134	0.5	-0.8	20	
N-Nitrosodiphenylamine	A	30.0	19.4	0.2338669	0.1515111	0.01	-35.2	20	*
Pentachlorophenol	A	30.0	33.2	8.486079E-02	9.379884E-02	0.05	10.5	20	
Phenanthrene	A	30.0	28.2	1.119586	1.054149	0.7	-5.8	20	
Phenol	A	30.0	29.9	1.823252	1.895382	0.8	4.0	20	
Pyrene	A	30.0	30.3	1.441158	1.453681	0.6	0.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA#2	Calibration:	SA40031
Lab File ID:	E20019352.D	Calibration Date:	01/17/24 00:42
Sequence:	S4C2237	Injection Date:	03/20/24
Lab Sample ID:	S4C2237-CCV1	Injection Time:	09:35

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	27.0	0.6530087	0.5888449	0.01	-9.8	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	28.1	0.4765392	0.4460027	0.01	-6.4	20	
1,2,4-Trichlorobenzene	A	30.0	31.8	0.2637998	0.2795624		6.0	20	
1,2-Dichlorobenzene	A	30.0	29.0	1.481504	1.434252		-3.2	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	23.0	0.7903556	0.6054107		-23.4	20	*
1,3-Dichlorobenzene	A	30.0	28.7	1.550787	1.483509		-4.3	20	
1,4-Dichlorobenzene	A	30.0	30.0	1.548243	1.547295		-0.06	20	
2,3,4,6-Tetrachlorophenol	A	30.0	24.8	0.13339	0.1104943	0.01	-17.2	20	
2,4,5-Trichlorophenol	A	30.0	33.7	0.3258227	0.3661623	0.2	12.4	20	
2,4,6-Trichlorophenol	A	30.0	33.0	0.2991194	0.3293386	0.2	10.1	20	
2,4-Dichlorophenol	A	30.0	32.6	0.2477273	0.2690239	0.2	8.6	20	
2,4-Dimethylphenol	A	30.0	29.2	0.291554	0.2839419	0.2	-2.6	20	
2,4-Dinitrophenol	A	30.0	55.7	7.469814E-02	0.1386968	0.01	85.7	20	*
2,4-Dinitrotoluene	A	30.0	39.8	0.306853	0.4070754	0.2	32.7	20	*
2,6-Dinitrotoluene	A	30.0	30.6	0.291685	0.2978715	0.2	2.1	20	
2-Chloronaphthalene	A	30.0	29.7	1.059643	1.048648	0.8	-1.0	20	
2-Chlorophenol	A	30.0	28.5	1.421264	1.350392	0.8	-5.0	20	
2-Methylnaphthalene	A	30.0	29.5	0.6810348	0.6690573	0.4	-1.8	20	
2-Methylphenol	A	30.0	28.8	1.119436	1.074411	0.7	-4.0	20	
2-Nitroaniline	A	30.0	33.5	0.358421	0.3998142	0.01	11.5	20	
2-Nitrophenol	A	30.0	33.3	0.1610723	0.1789471	0.1	11.1	20	
3- & 4-Methylphenols	A	30.0	28.7	1.747667	1.671177	0.6	-4.4	20	
3,3-Dichlorobenzidine	A	30.0	31.0	0.502945	0.5193622	0.01	3.3	20	
3-Nitroaniline	A	30.0	34.2	0.3123599	0.3558085	0.01	13.9	20	
4,6-Dinitro-2-methylphenol	A	30.0	51.0	6.923384E-02	0.1175829	0.01	69.8	20	*
4-Bromophenyl phenyl ether	A	30.0	33.2	0.1694876	0.1873175	0.1	10.5	20	
4-Chloro-3-methylphenol	A	30.0	28.3	0.2795567	0.2638362	0.2	-5.6	20	
4-Chloroaniline	A	30.0	29.8	0.4050381	0.4021233	0.01	-0.7	20	
4-Chlorophenyl phenyl ether	A	30.0	32.4	0.5801835	0.6258289	0.4	7.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA#2	Calibration:	SA40031
Lab File ID:	E20019352.D	Calibration Date:	01/17/24 00:42
Sequence:	S4C2237	Injection Date:	03/20/24
Lab Sample ID:	S4C2237-CCV1	Injection Time:	09:35

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	35.1	0.3170743	0.3705955	0.01	16.9	20	
4-Nitrophenol	A	30.0	24.7	0.2259609	0.1862298	0.01	-17.6	20	
Acenaphthene	A	30.0	29.6	1.093127	1.077159	0.9	-1.5	20	
Acenaphthylene	A	30.0	29.6	1.85315	1.831167	0.9	-1.2	20	
Acetophenone	A	30.0	24.8	2.184391	1.809415	0.01	-17.2	20	
Aniline	A	30.0	27.5	1.940283	1.781305		-8.2	20	
Anthracene	A	30.0	31.0	1.044406	1.079045	0.7	3.3	20	
Atrazine	A	30.0	27.7	0.2123633	0.1960277	0.01	-7.7	20	
Benzaldehyde	A	30.0	25.0	1.245215	1.039439	0.01	-16.5	20	
Benzidine	A	30.0	35.6	0.5434528	0.6456885		18.8	20	
Benzo(a)anthracene	A	30.0	31.0	1.27592	1.316758	0.8	3.2	20	
Benzo(a)pyrene	A	30.0	35.7	1.053057	1.253876	0.7	19.1	20	
Benzo(b)fluoranthene	A	30.0	35.4	1.147584	1.354688	0.7	18.0	20	
Benzo(g,h,i)perylene	A	30.0	37.8	0.8807148	1.111229	0.5	26.2	20	*
Benzo(k)fluoranthene	A	30.0	33.6	1.12566	1.262649	0.7	12.2	20	
Benzoic acid	A	30.0	17.9	0.18604	0.1111641		-40.2	20	*
Benzyl alcohol	A	30.0	28.8	0.9595029	0.9212852		-4.0	20	
Benzyl butyl phthalate	A	30.0	26.7	0.7169114	0.6390338		-10.9	20	
Bis(2-chloroethoxy)methane	A	30.0	28.4	0.3621067	0.3426029	0.3	-5.4	20	
Bis(2-chloroethyl)ether	A	30.0	28.9	1.263207	1.216768	0.7	-3.7	20	
Bis(2-chloroisopropyl)ether	A	30.0	32.2	1.234974	1.326203	0.01	7.4	20	
Bis(2-ethylhexyl)phthalate	A	30.0	27.7	0.9538358	0.8799386		-7.7	20	
Caprolactam	A	30.0	29.8	0.1285521	0.1278525	0.01	-0.5	20	
Carbazole	A	30.0	30.8	1.009719	1.034897	0.01	2.5	20	
Chrysene	A	30.0	30.4	1.215136	1.229154	0.7	1.2	20	
Dibenzo(a,h)anthracene	A	30.0	37.9	0.9304447	1.175841	0.4	26.4	20	*
Dibenzofuran	A	30.0	30.8	1.571286	1.615324	0.8	2.8	20	
Diethyl phthalate	A	30.0	28.8	1.273859	1.224448	0.01	-3.9	20	
Dimethyl phthalate	A	30.0	30.1	1.260204	1.265261	0.01	0.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA#2	Calibration:	SA40031
Lab File ID:	E20019352.D	Calibration Date:	01/17/24 00:42
Sequence:	S4C2237	Injection Date:	03/20/24
Lab Sample ID:	S4C2237-CCV1	Injection Time:	09:35

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	28.3	1.23595	1.167648	0.01	-5.5	20	
Di-n-octyl phthalate	A	30.0	29.8	1.628941	1.616642	0.01	-0.8	20	
Fluoranthene	A	30.0	32.3	1.105244	1.189239	0.6	7.6	20	
Fluorene	A	30.0	31.3	1.314795	1.370431	0.9	4.2	20	
Hexachlorobenzene	A	30.0	22.9	9.039498E-02	6.887064E-02	0.1	-23.8	20	*
Hexachlorobutadiene	A	30.0	31.1	0.1290661	0.1336348	0.01	3.5	20	
Hexachlorocyclopentadiene	A	30.0	20.3	0.2402306	0.1623175	0.05	-32.4	20	*
Hexachloroethane	A	30.0	25.3	0.5661704	0.4776959	0.3	-15.6	20	
Indeno(1,2,3-cd)pyrene	A	30.0	34.4	1.115719	1.281031	0.5	14.8	20	
Isophorone	A	30.0	26.2	0.6204904	0.5413453	0.4	-12.8	20	
Naphthalene	A	30.0	27.5	1.039833	0.9541692	0.7	-8.2	20	
Nitrobenzene	A	30.0	25.9	0.3313285	0.2859622	0.2	-13.7	20	
N-Nitrosodimethylamine	A	30.0	28.7	0.7590905	0.7271554		-4.2	20	
N-nitroso-di-n-propylamine	A	30.0	27.0	0.9871607	0.8879881	0.5	-10.0	20	
N-Nitrosodiphenylamine	A	30.0	27.3	0.2116972	0.1928771	0.01	-8.9	20	
Pentachlorophenol	A	30.0	28.6	8.987577E-02	8.552874E-02	0.05	-4.8	20	
Phenanthrene	A	30.0	29.9	1.049671	1.046264	0.7	-0.3	20	
Phenol	A	30.0	32.1	1.655303	1.772348	0.8	7.1	20	
Pyrene	A	30.0	28.7	1.430325	1.368637	0.6	-4.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #3	Calibration:	SC40028
Lab File ID:	SV302160.D	Calibration Date:	03/12/24 00:17
Sequence:	S4C2242	Injection Date:	03/22/24
Lab Sample ID:	S4C2242-CCV1	Injection Time:	10:03

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	29.9	0.5791596	0.5769453	0.01	-0.4	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.3	0.4951817	0.4989537	0.01	0.8	20	
2,3,4,6-Tetrachlorophenol	A	30.0	29.0	0.1287709	0.1243697	0.01	-3.4	20	
2,4,5-Trichlorophenol	A	30.0	31.7	0.3636299	0.384278	0.2	5.7	20	
2,4,6-Trichlorophenol	A	30.0	31.4	0.3305171	0.3453012	0.2	4.5	20	
2,4-Dichlorophenol	A	30.0	29.9	0.2630672	0.2618055	0.2	-0.5	20	
2,4-Dimethylphenol	A	30.0	29.0	0.2786744	0.2698545	0.2	-3.2	20	
2,4-Dinitrophenol	A	30.0	53.4	8.245314E-02	0.1465547	0.01	77.7	20	*
2,4-Dinitrotoluene	A	30.0	40.4	0.2872492	0.3863626	0.2	34.5	20	*
2,6-Dinitrotoluene	A	30.0	40.3	0.2136101	0.2863888	0.2	34.1	20	*
2-Chloronaphthalene	A	30.0	29.9	1.102644	1.098226	0.8	-0.4	20	
2-Chlorophenol	A	30.0	30.0	1.370131	1.37138	0.8	0.09	20	
2-Methylnaphthalene	A	30.0	28.7	0.6607882	0.6314329	0.4	-4.4	20	
2-Methylphenol	A	30.0	29.5	1.097348	1.078636	0.7	-1.7	20	
2-Nitroaniline	A	30.0	38.9	0.3033566	0.392981	0.01	29.5	20	*
2-Nitrophenol	A	30.0	35.5	0.1464626	0.1731995	0.1	18.3	20	
3- & 4-Methylphenols	A	30.0	29.7	1.678887	1.661367	0.6	-1.0	20	
3,3-Dichlorobenzidine	A	30.0	40.5	0.3700062	0.4983271	0.01	34.7	20	*
3-Nitroaniline	A	30.0	37.7	0.2799666	0.3497447	0.01	24.9	20	*
4,6-Dinitro-2-methylphenol	A	30.0	52.3	6.835517E-02	0.1190718	0.01	74.2	20	*
4-Bromophenyl phenyl ether	A	30.0	31.2	0.1905695	0.1981913	0.1	4.0	20	
4-Chloro-3-methylphenol	A	30.0	29.7	0.2630321	0.260749	0.2	-0.9	20	
4-Chloroaniline	A	30.0	29.6	0.4024316	0.3963961	0.01	-1.5	20	
4-Chlorophenyl phenyl ether	A	30.0	30.1	0.6194848	0.6215078	0.4	0.3	20	
4-Nitroaniline	A	30.0	40.1	0.276694	0.3681424	0.01	33.1	20	*
4-Nitrophenol	A	30.0	31.9	0.1823601	0.1937862	0.01	6.3	20	
Acetophenone	A	30.0	28.7	1.949737	1.863982	0.01	-4.4	20	
Benzaldehyde	A	30.0	28.5	1.118669	1.064033	0.01	-4.9	20	
Benzyl butyl phthalate	A	30.0	30.9	0.5452093	0.5614492		3.0	20	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41513	Laboratory ID:	BC41513-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.790	79.0	25 - 116
Acenaphthylene	1.00	0.770	77.0	26 - 116
Anthracene	1.00	0.480	48.0	25 - 123
Benzo(a)anthracene	1.00	0.830	83.0	33 - 125
Benzo(a)pyrene	1.00	0.570	57.0	32 - 132
Benzo(b)fluoranthene	1.00	1.01	101	22 - 137
Benzo(g,h,i)perylene	1.00	0.940	94.0	10 - 138
Benzo(k)fluoranthene	1.00	0.720	72.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	1.19	119	10 - 189
Chrysene	1.00	0.820	82.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.950	95.0	16 - 133
Fluoranthene	1.00	0.900	90.0	32 - 121
Fluorene	1.00	0.860	86.0	28 - 118
Hexachlorobenzene	1.00	1.17	117	23 - 124
Hexachlorobutadiene	1.00	0.960	96.0	15 - 123
Hexachloroethane	1.00	3.57	357 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.830	83.0	15 - 135
Naphthalene	1.00	0.820	82.0	18 - 120
Nitrobenzene	1.00	0.500	50.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	0.480	48.0	10 - 156
Phenanthrene	1.00	1.02	102	24 - 127
Pyrene	1.00	0.790	79.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Calibration:	SB40033	Instrument:	BNA#6
		Calibration Date:	02/27/24 00:28

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	0.9971262	17.6713	12.14	3.752416E-03			20	
Acenaphthylene	1.489698	17.25646	11.88	1.635945E-02			20	
Anthracene	1.229135	20.81001	14.29125	2.724342E-02			20	*
Atrazine	0.1838984	1.665112	13.82286	2.943704E-02			20	
Benzo(a)anthracene	1.317974	19.22339	17.97875	2.691293E-02			20	
Benzo(a)pyrene	1.237455	16.14501	19.8675	1.755034E-02			20	
Benzo(b)fluoranthene	1.053535	11.75423	19.44625	0.0265323			20	
Benzo(g,h,i)perylene	1.175019	16.85177	21.91	7.296763E-02			20	
Benzo(k)fluoranthene	1.746984	25.00027	19.47	7.116784E-03			20	*
Bis(2-ethylhexyl)phthalate	0.6088327	5.419515	18	0			20	
Chrysene	1.430034	24.55597	18.04	0.0214968			20	*
Dibenzo(a,h)anthracene	1.240982	15.01992	21.47875	7.665698E-02			20	
Fluoranthene	1.135812	20.88018	15.9475	4.527691E-02			20	*
Fluorene	1.311224	14.25297	12.85875	0.0514964			20	
Hexachlorobenzene	0.2108481	6.365248	13.76	1.856063E-02			20	
Hexachlorobutadiene	0.196946	8.674686	9.91	1.684828E-02			20	
Hexachloroethane	9.217471E-02	5.56423	8.68	1.728173E-02			20	
Indeno(1,2,3-cd)pyrene	1.429896	15.11053	21.48	7.475213E-02			20	
Naphthalene	1.061573	23.58468	9.69875	3.721199E-02			20	*
Nitrobenzene	0.7156486	6.902059	8.81	2.216239E-02			20	
N-Nitrosodimethylamine	0.2837229	4.387811	4.977143	0.276923			20	
Pentachlorophenol	6.374978E-02	23.5872	14.04429	9.086212E-02			20	*
Phenanthrene	0.9098503	17.5234	14.22625	3.666728E-02			20	
Pyrene	1.778603	21.40694	16.27125	5.177078E-02			20	*

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SB40033
Laboratory ID: S4B2802-SCV1
Sequence: S4B2802
Standard ID: S23D088

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Acenaphthene	1.00	0.900	-10.0	30.00
Acenaphthylene	1.00	0.950	-5.0	30.00
Anthracene	1.00	0.920	-8.0	30.00
Atrazine	2.50	0.00		30.00
Benzo(a)anthracene	1.00	0.890	-11.0	30.00
Benzo(a)pyrene	1.00	0.990	-1.0	30.00
Benzo(b)fluoranthene	1.00	0.870	-13.0	30.00
Benzo(g,h,i)perylene	1.00	0.910	-9.0	30.00
Benzo(k)fluoranthene	1.00	0.990	-1.0	30.00
Bis(2-ethylhexyl)phthalate	2.50	1.11	-55.6 *	30.00
Chrysene	1.00	0.910	-9.0	30.00
Dibenzo(a,h)anthracene	1.00	0.870	-13.0	30.00
Fluoranthene	1.00	0.930	-7.0	30.00
Fluorene	1.00	0.940	-6.0	30.00
Hexachlorobenzene	0.100	1.32	1220 *	30.00
Hexachlorobutadiene	2.50	1.10	-56.0 *	30.00
Hexachloroethane	2.50	4.76	90.4 *	30.00
Indeno(1,2,3-cd)pyrene	1.00	0.930	-7.0	30.00
Naphthalene	1.00	0.930	-7.0	30.00
Nitrobenzene	1.25	0.510	-59.2 *	30.00
N-Nitrosodimethylamine	2.50	1.07	-57.2 *	30.00
Pentachlorophenol	1.50	1.10	-26.7	30.00
Phenanthrene	1.00	1.04	4.0	30.00
Pyrene	1.00	0.960	-4.0	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA#6	Calibration:	SB40033
Lab File ID:	SV61605.D	Calibration Date:	02/27/24 00:28
Sequence:	S4C2525	Injection Date:	03/22/24
Lab Sample ID:	S4C2525-CCV1	Injection Time:	14:05

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	1.00	0.9971262	0.9969452		-0.02	30	
Acenaphthylene	A	1.00	0.980	1.489698	1.466841		-1.5	30	
Anthracene	A	1.00	0.950	1.229135	1.172433		-4.6	30	
Atrazine	A	2.50	2.90	0.1838984	0.2134115		16.0	30	
Benzo(a)anthracene	A	1.00	0.990	1.317974	1.303229		-1.1	30	
Benzo(a)pyrene	A	1.00	1.01	1.237455	1.251103		1.1	30	
Benzo(b)fluoranthene	A	1.00	1.03	1.053535	1.086901		3.2	30	
Benzo(g,h,i)perylene	A	1.00	1.00	1.175019	1.169359		-0.5	30	
Benzo(k)fluoranthene	A	1.00	0.840	1.746984	1.465587		-16.1	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.54	0.6088327	0.6400687		5.1	30	
Chrysene	A	1.00	0.920	1.430034	1.316592		-7.9	30	
Dibenzo(a,h)anthracene	A	1.00	1.06	1.240982	1.31447		5.9	30	
Fluoranthene	A	1.00	0.980	1.135812	1.110363		-2.2	30	
Fluorene	A	1.00	0.960	1.311224	1.263834		-3.6	30	
Hexachlorobenzene	A	0.100	0.110	0.2108481	0.2330887		10.5	30	
Hexachlorobutadiene	A	2.50	2.54	0.196946	0.1997701		1.4	30	
Hexachloroethane	A	2.50	2.30	9.217471E-02	8.462851E-02		-8.2	30	
Indeno(1,2,3-cd)pyrene	A	1.00	1.03	1.429896	1.466097		2.5	30	
Naphthalene	A	1.00	0.980	1.061573	1.044782		-1.6	30	
Nitrobenzene	A	1.25	1.32	0.7156486	1.50792		111	30	*
N-Nitrosodimethylamine	A	2.50	2.51	0.2837229	0.2852652		0.5	30	
Pentachlorophenol	A	1.50	0.940	6.374978E-02	4.014676E-02		-37.0	30	*
Phenanthrene	A	1.00	1.09	0.9098503	0.9885054		8.6	30	
Pyrene	A	1.00	0.890	1.778603	1.589717		-10.6	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Sed-1 (24C1134-01)			Lab File ID: QQQ36825.d		Analyzed: 03/27/24 20:54			
M3PFBS	3.35	51.2	25 - 150	5.094934	5.188352	-0.0934	+/-1.00	
M5PFHxA	3.60	57.8	25 - 150	5.851883	6.060756	-0.2089	+/-1.00	
M4PFHpA	3.60	77.8	25 - 150	6.601666	6.903915	-0.3022	+/-1.00	
M3PFHxS	3.41	91.0	25 - 150	6.693233	7.011017	-0.3178	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.60	82.0	25 - 150	7.24085	7.60531	-0.3645	+/-1.00	
M6PFDA	1.80	88.7	25 - 150	8.3737	8.749367	-0.3757	+/-1.00	
M7PFUdA	1.80	85.9	25 - 150	8.845634	9.201373	-0.3557	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.80	88.4	25 - 150	9.262016	9.604283	-0.3423	+/-1.00	
M2PFTeDA	1.80	67.6	10 - 150	9.925867	10.24637	-0.3205	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.4	2.08	25 - 150	1.259883	1.085464	0.1744	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.44	92.5	25 - 150	7.853384	8.256346	-0.4030	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.19	5.60	25 - 150	4.366333	4.262933	0.1034	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.60	99.9	10 - 150	8.868083	9.203367	-0.3353	+/-1.00	
d3-N-MeFOSAA	7.19	65.0	25 - 150	8.58465	8.950419	-0.3658	+/-1.00	
d5-N-EtFOSAA	7.19	77.3	25 - 150	8.825367	9.179538	-0.3542	+/-1.00	
M2-6:2 FTS	6.84	48.7	25 - 200	7.184367	7.542923	-0.3586	+/-1.00	
M2-8:2 FTS	6.91	42.4	25 - 200	8.326533	8.713817	-0.3873	+/-1.00	
M9PFNA	1.80	96.2	25 - 150	7.826684	8.220583	-0.3939	+/-1.00	
M2-4:2 FTS	6.75	32.1	25 - 150	5.7861	5.989129	-0.2030	+/-1.00	
d-N-MeFOSA	3.60	69.0	25 - 150	9.674784	10.00189	-0.3271	+/-1.00	
d-N-EtFOSA	3.60	59.1	25 - 150	9.9507	10.26123	-0.3105	+/-1.00	
M3HFPO-DA	14.4	59.2	25 - 150	6.123783	6.362534	-0.2388	+/-1.00	
d9-N-EtFOSE	36.0	72.7	25 - 150	9.909634	10.22297	-0.3133	+/-1.00	
d7-N-MeFOSE	36.0	68.6	25 - 150	9.641684	9.973471	-0.3318	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Sed-2 (24C1134-02)			Lab File ID: QQQ36826.d		Analyzed: 03/27/24 21:11			
M3PFBS	4.89	85.6	25 - 150	5.075984	5.188352	-0.1124	+/-1.00	
M5PFHxA	5.26	91.2	25 - 150	5.851883	6.060756	-0.2089	+/-1.00	
M4PFHpA	5.26	84.0	25 - 150	6.610917	6.903915	-0.2930	+/-1.00	
M3PFHxS	4.98	91.2	25 - 150	6.711733	7.011017	-0.2993	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	5.26	101	25 - 150	7.25935	7.60531	-0.3460	+/-1.00	
M6PFDA	2.62	94.3	25 - 150	8.401484	8.749367	-0.3479	+/-1.00	
M7PFUdA	2.62	99.0	25 - 150	8.88275	9.201373	-0.3186	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.62	96.7	25 - 150	9.289817	9.604283	-0.3145	+/-1.00	
M2PFTeDA	2.62	85.8	10 - 150	9.962816	10.24637	-0.2836	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	21.1	3.31	25 - 150	1.195633	1.085464	0.1102	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.03	105	25 - 150	7.8905	8.256346	-0.3658	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	10.5	30.4	25 - 150	4.329566	4.262933	0.0666	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.26	91.4	10 - 150	8.895917	9.203367	-0.3074	+/-1.00	
d3-N-MeFOSAA	10.5	70.7	25 - 150	8.612433	8.950419	-0.3380	+/-1.00	
d5-N-EtFOSAA	10.5	74.1	25 - 150	8.863267	9.179538	-0.3163	+/-1.00	
M2-6:2 FTS	9.99	61.4	25 - 200	7.202867	7.542923	-0.3401	+/-1.00	
M2-8:2 FTS	10.1	58.6	25 - 200	8.363584	8.713817	-0.3502	+/-1.00	
M9PFNA	2.62	102	25 - 150	7.854517	8.220583	-0.3661	+/-1.00	
M2-4:2 FTS	9.86	51.8	25 - 150	5.7861	5.989129	-0.2030	+/-1.00	
d-N-MeFOSA	5.26	62.5	25 - 150	9.711766	10.00189	-0.2901	+/-1.00	
d-N-EtFOSA	5.26	61.3	25 - 150	9.978333	10.26123	-0.2829	+/-1.00	
M3HFPO-DA	21.1	96.8	25 - 150	6.123767	6.362534	-0.2388	+/-1.00	
d9-N-EtFOSE	52.6	82.3	25 - 150	9.9377	10.22297	-0.2853	+/-1.00	
d7-N-MeFOSE	52.6	76.3	25 - 150	9.678667	9.973471	-0.2948	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Sed-3 (24C1134-03)			Lab File ID: QQQ36827.d		Analyzed: 03/27/24 21:27			
M3PFBS	4.08	85.2	25 - 150	5.057533	5.188352	-0.1308	+/-1.00	
M5PFHxA	4.38	90.1	25 - 150	5.84265	6.060756	-0.2181	+/-1.00	
M4PFHpA	4.38	79.0	25 - 150	6.610933	6.903915	-0.2930	+/-1.00	
M3PFHxS	4.15	92.7	25 - 150	6.711733	7.011017	-0.2993	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.38	92.2	25 - 150	7.268617	7.60531	-0.3367	+/-1.00	
M6PFDA	2.18	89.4	25 - 150	8.420016	8.749367	-0.3294	+/-1.00	
M7PFUdA	2.18	84.4	25 - 150	8.901334	9.201373	-0.3000	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.18	70.6	25 - 150	9.3087	9.604283	-0.2956	+/-1.00	
M2PFTeDA	2.18	59.9	10 - 150	9.97205	10.24637	-0.2743	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	17.5	3.49	25 - 150	1.168083	1.085464	0.0826	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	4.19	95.7	25 - 150	7.909067	8.256346	-0.3473	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	8.75	58.3	25 - 150	4.292817	4.262933	0.0299	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	4.38	91.3	10 - 150	8.923783	9.203367	-0.2796	+/-1.00	
d3-N-MeFOSAA	8.75	60.4	25 - 150	8.630983	8.950419	-0.3194	+/-1.00	
d5-N-EtFOSAA	8.75	73.5	25 - 150	8.881833	9.179538	-0.2977	+/-1.00	
M2-6:2 FTS	8.32	63.6	25 - 200	7.212133	7.542923	-0.3308	+/-1.00	
M2-8:2 FTS	8.40	65.6	25 - 200	8.382116	8.713817	-0.3317	+/-1.00	
M9PFNA	2.18	87.2	25 - 150	7.873083	8.220583	-0.3475	+/-1.00	
M2-4:2 FTS	8.21	54.5	25 - 150	5.776866	5.989129	-0.2123	+/-1.00	
d-N-MeFOSA	4.38	46.7	25 - 150	9.721017	10.00189	-0.2809	+/-1.00	
d-N-EtFOSA	4.38	49.7	25 - 150	9.996734	10.26123	-0.2645	+/-1.00	
M3HFPO-DA	17.5	93.0	25 - 150	6.11455	6.362534	-0.2480	+/-1.00	
d9-N-EtFOSE	43.8	57.6	25 - 150	9.956133	10.22297	-0.2668	+/-1.00	
d7-N-MeFOSE	43.8	55.1	25 - 150	9.697166	9.973471	-0.2763	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Sed-4 (24C1134-04)			Lab File ID: QQQ36828.d		Analyzed: 03/27/24 21:43			
M3PFBS	5.68	99.1	25 - 150	5.057517	5.188352	-0.1308	+/-1.00	
M5PFHxA	6.10	113	25 - 150	5.851883	6.060756	-0.2089	+/-1.00	
M4PFHpA	6.10	92.6	25 - 150	6.6387	6.903915	-0.2652	+/-1.00	
M3PFHxS	5.78	98.6	25 - 150	6.730233	7.011017	-0.2808	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	6.10	116	25 - 150	7.297	7.60531	-0.3083	+/-1.00	
M6PFDA	3.04	99.1	25 - 150	8.447833	8.749367	-0.3015	+/-1.00	
M7PFUdA	3.04	90.9	25 - 150	8.919917	9.201373	-0.2815	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.04	87.3	25 - 150	9.327233	9.604283	-0.2771	+/-1.00	
M2PFTeDA	3.04	53.7	10 - 150	9.981283	10.24637	-0.2651	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	24.4	3.58	25 - 150	1.1589	1.085464	0.0734	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.84	116	25 - 150	7.9369	8.256346	-0.3194	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	12.2	55.9	25 - 150	4.283617	4.262933	0.0207	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	6.10	108	10 - 150	8.951633	9.203367	-0.2517	+/-1.00	
d3-N-MeFOSAA	12.2	83.8	25 - 150	8.658783	8.950419	-0.2916	+/-1.00	
d5-N-EtFOSAA	12.2	93.2	25 - 150	8.900416	9.179538	-0.2791	+/-1.00	
M2-6:2 FTS	11.6	98.1	25 - 200	7.239867	7.542923	-0.3031	+/-1.00	
M2-8:2 FTS	11.7	91.7	25 - 200	8.409917	8.713817	-0.3039	+/-1.00	
M9PFNA	3.04	92.0	25 - 150	7.900933	8.220583	-0.3196	+/-1.00	
M2-4:2 FTS	11.4	91.0	25 - 150	5.786117	5.989129	-0.2030	+/-1.00	
d-N-MeFOSA	6.10	60.6	25 - 150	9.739516	10.00189	-0.2624	+/-1.00	
d-N-EtFOSA	6.10	43.1	25 - 150	10.0152	10.26123	-0.2460	+/-1.00	
M3HFPO-DA	24.4	117	25 - 150	6.123783	6.362534	-0.2388	+/-1.00	
d9-N-EtFOSE	61.0	56.9	25 - 150	9.965366	10.22297	-0.2576	+/-1.00	
d7-N-MeFOSE	61.0	69.5	25 - 150	9.706433	9.973471	-0.2670	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Sed-5 (24C1134-05)			Lab File ID: QQQ36829.d		Analyzed: 03/27/24 21:59			
M3PFBS	2.81	88.3	25 - 150	5.057533	5.188352	-0.1308	+/-1.00	
M5PFHxA	3.02	100	25 - 150	5.84265	6.060756	-0.2181	+/-1.00	
M4PFHpA	3.02	86.5	25 - 150	6.610933	6.903915	-0.2930	+/-1.00	
M3PFHxS	2.86	95.3	25 - 150	6.7025	7.011017	-0.3085	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.02	110	25 - 150	7.250117	7.60531	-0.3552	+/-1.00	
M6PFDA	1.51	104	25 - 150	8.4015	8.749367	-0.3479	+/-1.00	
M7PFUdA	1.51	93.8	25 - 150	8.8735	9.201373	-0.3279	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.51	82.6	25 - 150	9.289833	9.604283	-0.3145	+/-1.00	
M2PFTeDA	1.51	60.6	10 - 150	9.953633	10.24637	-0.2927	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.1	2.43	25 - 150	1.195633	1.085464	0.1102	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.89	109	25 - 150	7.881233	8.256346	-0.3751	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.04	36.0	25 - 150	4.311183	4.262933	0.0482	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.02	103	10 - 150	8.905233	9.203367	-0.2981	+/-1.00	
d3-N-MeFOSAA	6.04	80.7	25 - 150	8.612467	8.950419	-0.3380	+/-1.00	
d5-N-EtFOSAA	6.04	88.3	25 - 150	8.854	9.179538	-0.3255	+/-1.00	
M2-6:2 FTS	5.74	87.9	25 - 200	7.193634	7.542923	-0.3493	+/-1.00	
M2-8:2 FTS	5.80	82.4	25 - 200	8.3636	8.713817	-0.3502	+/-1.00	
M9PFNA	1.51	89.3	25 - 150	7.854533	8.220583	-0.3661	+/-1.00	
M2-4:2 FTS	5.67	74.2	25 - 150	5.776883	5.989129	-0.2122	+/-1.00	
d-N-MeFOSA	3.02	48.5	25 - 150	9.721033	10.00189	-0.2809	+/-1.00	
d-N-EtFOSA	3.02	39.9	25 - 150	9.987583	10.26123	-0.2736	+/-1.00	
M3HFPO-DA	12.1	98.6	25 - 150	6.114567	6.362534	-0.2480	+/-1.00	
d9-N-EtFOSE	30.2	57.6	25 - 150	9.937716	10.22297	-0.2853	+/-1.00	
d7-N-MeFOSE	30.2	52.2	25 - 150	9.678683	9.973471	-0.2948	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Sed-6 (24C1134-06)			Lab File ID: QQQ36830.d		Analyzed: 03/27/24 22:15			
M3PFBS	2.82	90.5	25 - 150	5.057533	5.188352	-0.1308	+/-1.00	
M5PFHxA	3.03	99.2	25 - 150	5.84265	6.060756	-0.2181	+/-1.00	
M4PFHpA	3.03	79.7	25 - 150	6.610933	6.903915	-0.2930	+/-1.00	
M3PFHxS	2.87	95.8	25 - 150	6.7025	7.011017	-0.3085	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.03	96.1	25 - 150	7.259367	7.60531	-0.3459	+/-1.00	
M6PFDA	1.51	94.8	25 - 150	8.420033	8.749367	-0.3293	+/-1.00	
M7PFUdA	1.51	80.8	25 - 150	8.89205	9.201373	-0.3093	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.51	74.8	25 - 150	9.2991	9.604283	-0.3052	+/-1.00	
M2PFTeDA	1.51	78.1	10 - 150	9.96285	10.24637	-0.2835	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.1	3.00	25 - 150	1.177267	1.085464	0.0918	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.90	104	25 - 150	7.8998	8.256346	-0.3565	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.05	52.0	25 - 150	4.292817	4.262933	0.0299	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.03	93.5	10 - 150	8.923783	9.203367	-0.2796	+/-1.00	
d3-N-MeFOSAA	6.05	78.0	25 - 150	8.631	8.950419	-0.3194	+/-1.00	
d5-N-EtFOSAA	6.05	87.2	25 - 150	8.872566	9.179538	-0.3070	+/-1.00	
M2-6:2 FTS	5.75	100	25 - 200	7.202883	7.542923	-0.3400	+/-1.00	
M2-8:2 FTS	5.81	96.5	25 - 200	8.37285	8.713817	-0.3410	+/-1.00	
M9PFNA	1.51	90.4	25 - 150	7.8731	8.220583	-0.3475	+/-1.00	
M2-4:2 FTS	5.68	73.4	25 - 150	5.776866	5.989129	-0.2123	+/-1.00	
d-N-MeFOSA	3.03	56.8	25 - 150	9.721033	10.00189	-0.2809	+/-1.00	
d-N-EtFOSA	3.03	46.6	25 - 150	9.99675	10.26123	-0.2645	+/-1.00	
M3HFPO-DA	12.1	95.0	25 - 150	6.11455	6.362534	-0.2480	+/-1.00	
d9-N-EtFOSE	30.3	56.3	25 - 150	9.95615	10.22297	-0.2668	+/-1.00	
d7-N-MeFOSE	30.3	61.4	25 - 150	9.697184	9.973471	-0.2763	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Soil Boring 14 (24C1134-14)			Lab File ID: QQQ36831.d		Analyzed: 03/27/24 22:31			
M3PFBS	2.33	91.0	25 - 150	5.057517	5.188352	-0.1308	+/-1.00	
M5PFHxA	2.50	85.3	25 - 150	5.842633	6.060756	-0.2181	+/-1.00	
M4PFHpA	2.50	76.2	25 - 150	6.610917	6.903915	-0.2930	+/-1.00	
M3PFHxS	2.37	95.6	25 - 150	6.702483	7.011017	-0.3085	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	100	25 - 150	7.25935	7.60531	-0.3460	+/-1.00	
M6PFDA	1.25	88.4	25 - 150	8.401484	8.749367	-0.3479	+/-1.00	
M7PFUdA	1.25	85.0	25 - 150	8.873484	9.201373	-0.3279	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	82.3	25 - 150	9.289817	9.604283	-0.3145	+/-1.00	
M2PFTeDA	1.25	69.4	10 - 150	9.9536	10.24637	-0.2928	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	2.20	25 - 150	1.18645	1.085464	0.1010	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	89.5	25 - 150	7.8905	8.256346	-0.3658	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	16.2	25 - 150	4.2928	4.262933	0.0299	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	88.2	10 - 150	8.914483	9.203367	-0.2889	+/-1.00	
d3-N-MeFOSAA	5.00	63.6	25 - 150	8.612433	8.950419	-0.3380	+/-1.00	
d5-N-EtFOSAA	5.00	82.7	25 - 150	8.853983	9.179538	-0.3256	+/-1.00	
M2-6:2 FTS	4.75	59.7	25 - 200	7.202867	7.542923	-0.3401	+/-1.00	
M2-8:2 FTS	4.80	69.8	25 - 200	8.354317	8.713817	-0.3595	+/-1.00	
M9PFNA	1.25	88.2	25 - 150	7.854517	8.220583	-0.3661	+/-1.00	
M2-4:2 FTS	4.69	51.0	25 - 150	5.77685	5.989129	-0.2123	+/-1.00	
d-N-MeFOSA	2.50	59.8	25 - 150	9.711766	10.00189	-0.2901	+/-1.00	
d-N-EtFOSA	2.50	48.2	25 - 150	9.987567	10.26123	-0.2737	+/-1.00	
M3HFPO-DA	10.0	87.0	25 - 150	6.114533	6.362534	-0.2480	+/-1.00	
d9-N-EtFOSE	25.0	55.6	25 - 150	9.946917	10.22297	-0.2761	+/-1.00	
d7-N-MeFOSE	25.0	58.8	25 - 150	9.687917	9.973471	-0.2856	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Soil Boring 14 Dup (24C1134-15)			Lab File ID: QQQ36832.d		Analyzed: 03/27/24 22:47			
M3PFBS	2.31	69.5	25 - 150	5.039067	5.188352	-0.1493	+/-1.00	
M5PFHxA	2.48	74.6	25 - 150	5.8519	6.060756	-0.2089	+/-1.00	
M4PFHpA	2.48	75.0	25 - 150	6.6387	6.903915	-0.2652	+/-1.00	
M3PFHxS	2.35	82.9	25 - 150	6.740317	7.011017	-0.2707	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.48	88.8	25 - 150	7.30625	7.60531	-0.2991	+/-1.00	
M6PFDA	1.24	78.8	25 - 150	8.457067	8.749367	-0.2923	+/-1.00	
M7PFUdA	1.24	72.3	25 - 150	8.929167	9.201373	-0.2722	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	81.3	25 - 150	9.336833	9.604283	-0.2675	+/-1.00	
M2PFTeDA	1.24	61.8	10 - 150	9.990566	10.24637	-0.2558	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.93	0.992	25 - 150	1.149733	1.085464	0.0643	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.37	81.4	25 - 150	7.946033	8.256346	-0.3103	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.95	3.12	25 - 150	4.24685	4.262933	-0.0161	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.48	75.9	10 - 150	8.97125	9.203367	-0.2321	+/-1.00	
d3-N-MeFOSAA	4.95	59.0	25 - 150	8.668034	8.950419	-0.2824	+/-1.00	
d5-N-EtFOSAA	4.95	71.7	25 - 150	8.909667	9.179538	-0.2699	+/-1.00	
M2-6:2 FTS	4.71	46.2	25 - 200	7.249117	7.542923	-0.2938	+/-1.00	
M2-8:2 FTS	4.76	65.0	25 - 200	8.419167	8.713817	-0.2947	+/-1.00	
M9PFNA	1.24	80.1	25 - 150	7.9102	8.220583	-0.3104	+/-1.00	
M2-4:2 FTS	4.65	37.9	25 - 150	5.776866	5.989129	-0.2123	+/-1.00	
d-N-MeFOSA	2.48	52.0	25 - 150	9.757783	10.00189	-0.2441	+/-1.00	
d-N-EtFOSA	2.48	44.9	25 - 150	10.02438	10.26123	-0.2368	+/-1.00	
M3HFPO-DA	9.93	73.2	25 - 150	6.123783	6.362534	-0.2388	+/-1.00	
d9-N-EtFOSE	24.8	52.2	25 - 150	9.983767	10.22297	-0.2392	+/-1.00	
d7-N-MeFOSE	24.8	51.0	25 - 150	9.7249	9.973471	-0.2486	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Soil Boring 15 (24C1134-16)			Lab File ID: QQQ36833.d		Analyzed: 03/27/24 23:03			
M3PFBS	2.41	78.6	25 - 150	5.0483	5.188352	-0.1401	+/-1.00	
M5PFHxA	2.59	79.9	25 - 150	5.851883	6.060756	-0.2089	+/-1.00	
M4PFHpA	2.59	78.6	25 - 150	6.629433	6.903915	-0.2745	+/-1.00	
M3PFHxS	2.45	84.2	25 - 150	6.730217	7.011017	-0.2808	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.59	91.0	25 - 150	7.296983	7.60531	-0.3083	+/-1.00	
M6PFDA	1.29	89.0	25 - 150	8.457067	8.749367	-0.2923	+/-1.00	
M7PFUdA	1.29	93.9	25 - 150	8.929167	9.201373	-0.2722	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.29	86.3	25 - 150	9.346084	9.604283	-0.2582	+/-1.00	
M2PFTeDA	1.29	71.8	10 - 150	10.03665	10.24637	-0.2097	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.4	2.29	25 - 150	1.149733	1.085464	0.0643	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.48	82.9	25 - 150	7.946017	8.256346	-0.3103	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.17	13.9	25 - 150	4.256033	4.262933	-0.0069	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.59	85.6	10 - 150	8.961984	9.203367	-0.2414	+/-1.00	
d3-N-MeFOSAA	5.17	64.8	25 - 150	8.668034	8.950419	-0.2824	+/-1.00	
d5-N-EtFOSAA	5.17	72.6	25 - 150	8.909667	9.179538	-0.2699	+/-1.00	
M2-6:2 FTS	4.92	46.8	25 - 200	7.239867	7.542923	-0.3031	+/-1.00	
M2-8:2 FTS	4.97	45.8	25 - 200	8.41915	8.713817	-0.2947	+/-1.00	
M9PFNA	1.29	102	25 - 150	7.910183	8.220583	-0.3104	+/-1.00	
M2-4:2 FTS	4.86	40.7	25 - 150	5.77685	5.989129	-0.2123	+/-1.00	
d-N-MeFOSA	2.59	63.3	25 - 150	9.794434	10.00189	-0.2075	+/-1.00	
d-N-EtFOSA	2.59	48.9	25 - 150	10.07047	10.26123	-0.1908	+/-1.00	
M3HFPO-DA	10.4	79.8	25 - 150	6.123767	6.362534	-0.2388	+/-1.00	
d9-N-EtFOSE	25.9	53.7	25 - 150	10.03007	10.22297	-0.1929	+/-1.00	
d7-N-MeFOSE	25.9	60.2	25 - 150	9.753183	9.973471	-0.2203	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SWS-1 (24C1134-07)			Lab File ID: QQQ36912.d		Analyzed: 03/28/24 15:52			
M3PFBS	22.1	87.3	25 - 150	5.0114	5.188352	-0.1770	+/-1.00	
M5PFHxA	23.7	103	25 - 150	5.833384	6.060756	-0.2274	+/-1.00	
M4PFHpA	23.7	92.1	25 - 150	6.64795	6.903915	-0.2560	+/-1.00	
M3PFHxS	22.5	93.5	25 - 150	6.749533	7.011017	-0.2615	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.7	112	25 - 150	7.325233	7.60531	-0.2801	+/-1.00	
M6PFDA	11.9	92.2	25 - 150	8.484867	8.749367	-0.2645	+/-1.00	
M7PFUdA	11.9	64.7	25 - 150	8.947733	9.201373	-0.2536	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	47.1	25 - 150	9.336833	9.604283	-0.2675	+/-1.00	
M2PFTeDA	11.9	13.8	10 - 150	9.98125	10.24637	-0.2651	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.0	11.6	25 - 150	1.122183	1.085464	0.0367	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.8	93.2	25 - 150	7.98315	8.256346	-0.2732	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.5	97.7	25 - 150	4.182517	4.262933	-0.0804	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.7	67.6	10 - 150	8.914483	9.203367	-0.2889	+/-1.00	
d3-N-MeFOSAA	47.5	56.5	25 - 150	8.695833	8.950419	-0.2546	+/-1.00	
d5-N-EtFOSAA	47.5	61.6	25 - 150	8.928233	9.179538	-0.2513	+/-1.00	
M2-6:2 FTS	45.2	86.8	25 - 200	7.267617	7.542923	-0.2753	+/-1.00	
M2-8:2 FTS	45.6	84.8	25 - 200	8.44695	8.713817	-0.2669	+/-1.00	
M9PFNA	11.9	100	25 - 150	7.938033	8.220583	-0.2826	+/-1.00	
M2-4:2 FTS	44.6	117	25 - 150	5.767617	5.989129	-0.2215	+/-1.00	
d-N-MeFOSA	23.7	31.3	25 - 150	9.757767	10.00189	-0.2441	+/-1.00	
d-N-EtFOSA	23.7	17.0	25 - 150	10.02438	10.26123	-0.2368	+/-1.00	*
M3HFPO-DA	95.0	106	25 - 150	6.123783	6.362534	-0.2388	+/-1.00	
d9-N-EtFOSE	237	7.84	25 - 150	9.9932	10.22297	-0.2298	+/-1.00	*
d7-N-MeFOSE	237	13.6	25 - 150	9.734134	9.973471	-0.2393	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SWS-2 (24C1134-08)			Lab File ID: QQQ36913.d		Analyzed: 03/28/24 16:08			
M3PFBS	22.0	87.4	25 - 150	5.002183	5.188352	-0.1862	+/-1.00	
M5PFHxA	23.6	105	25 - 150	5.8334	6.060756	-0.2274	+/-1.00	
M4PFHpA	23.6	93.7	25 - 150	6.647967	6.903915	-0.2559	+/-1.00	
M3PFHxS	22.3	95.3	25 - 150	6.74955	7.011017	-0.2615	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.6	101	25 - 150	7.32525	7.60531	-0.2801	+/-1.00	
M6PFDA	11.8	98.8	25 - 150	8.484883	8.749367	-0.2645	+/-1.00	
M7PFUdA	11.8	78.7	25 - 150	8.94775	9.201373	-0.2536	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	60.7	25 - 150	9.33685	9.604283	-0.2674	+/-1.00	
M2PFTeDA	11.8	34.1	10 - 150	9.981267	10.24637	-0.2651	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.2	11.3	25 - 150	1.103833	1.085464	0.0184	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.6	108	25 - 150	7.973883	8.256346	-0.2825	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.1	93.8	25 - 150	4.182517	4.262933	-0.0804	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.6	77.0	10 - 150	8.9145	9.203367	-0.2889	+/-1.00	
d3-N-MeFOSAA	47.1	63.6	25 - 150	8.686584	8.950419	-0.2638	+/-1.00	
d5-N-EtFOSAA	47.1	65.9	25 - 150	8.918966	9.179538	-0.2606	+/-1.00	
M2-6:2 FTS	44.8	70.5	25 - 200	7.267633	7.542923	-0.2753	+/-1.00	
M2-8:2 FTS	45.2	83.7	25 - 200	8.446967	8.713817	-0.2669	+/-1.00	
M9PFNA	11.8	120	25 - 150	7.93805	8.220583	-0.2825	+/-1.00	
M2-4:2 FTS	44.2	95.0	25 - 150	5.767633	5.989129	-0.2215	+/-1.00	
d-N-MeFOSA	23.6	30.2	25 - 150	9.7578	10.00189	-0.2441	+/-1.00	
d-N-EtFOSA	23.6	25.7	25 - 150	10.0244	10.26123	-0.2368	+/-1.00	
M3HFPO-DA	94.2	113	25 - 150	6.1238	6.362534	-0.2387	+/-1.00	
d9-N-EtFOSE	236	14.7	25 - 150	9.993217	10.22297	-0.2298	+/-1.00	*
d7-N-MeFOSE	236	18.8	25 - 150	9.734167	9.973471	-0.2393	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SWS-3 (24C1134-09)			Lab File ID: QQQ36914.d		Analyzed: 03/28/24 16:24			
M3PFBS	22.5	82.3	25 - 150	5.002167	5.188352	-0.1862	+/-1.00	
M5PFHxA	24.1	97.2	25 - 150	5.833384	6.060756	-0.2274	+/-1.00	
M4PFHpA	24.1	88.6	25 - 150	6.64795	6.903915	-0.2560	+/-1.00	
M3PFHxS	22.8	89.3	25 - 150	6.749533	7.011017	-0.2615	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.1	94.3	25 - 150	7.315516	7.60531	-0.2898	+/-1.00	
M6PFDA	12.0	94.3	25 - 150	8.4756	8.749367	-0.2738	+/-1.00	
M7PFUdA	12.0	75.7	25 - 150	8.93845	9.201373	-0.2629	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.0	65.3	25 - 150	9.336833	9.604283	-0.2675	+/-1.00	
M2PFTeDA	12.0	32.1	10 - 150	9.98125	10.24637	-0.2651	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.4	9.64	25 - 150	1.113017	1.085464	0.0276	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.1	91.0	25 - 150	7.973866	8.256346	-0.2825	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.2	83.6	25 - 150	4.1825	4.262933	-0.0804	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.1	71.7	10 - 150	8.9052	9.203367	-0.2982	+/-1.00	
d3-N-MeFOSAA	48.2	56.3	25 - 150	8.6773	8.950419	-0.2731	+/-1.00	
d5-N-EtFOSAA	48.2	61.4	25 - 150	8.909667	9.179538	-0.2699	+/-1.00	
M2-6:2 FTS	45.8	56.7	25 - 200	7.258367	7.542923	-0.2846	+/-1.00	
M2-8:2 FTS	46.3	72.7	25 - 200	8.437683	8.713817	-0.2761	+/-1.00	
M9PFNA	12.0	108	25 - 150	7.92875	8.220583	-0.2918	+/-1.00	
M2-4:2 FTS	45.2	80.2	25 - 150	5.7676	5.989129	-0.2215	+/-1.00	
d-N-MeFOSA	24.1	1.76	25 - 150	9.499066	10.00189	-0.5028	+/-1.00	*
d-N-EtFOSA	24.1	16.2	25 - 150	10.02438	10.26123	-0.2368	+/-1.00	*
M3HFPO-DA	96.4	99.5	25 - 150	6.123767	6.362534	-0.2388	+/-1.00	
d9-N-EtFOSE	241	10.7	25 - 150	9.9932	10.22297	-0.2298	+/-1.00	*
d7-N-MeFOSE	241	17.3	25 - 150	9.73415	9.973471	-0.2393	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4C2858
Instrument: LCQQQ
Calibration: SA40047

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank (24C1134-10)			Lab File ID: QQQ36916.d		Analyzed: 03/28/24 16:56			
M3PFBS	24.0	86.2	25 - 150	5.020617	5.188352	-0.1677	+/-1.00	
M5PFHxA	25.8	94.0	25 - 150	5.842633	6.060756	-0.2181	+/-1.00	
M4PFHpA	25.8	98.0	25 - 150	6.657217	6.903915	-0.2467	+/-1.00	
M3PFHxS	24.4	93.9	25 - 150	6.758783	7.011017	-0.2522	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.8	101	25 - 150	7.32525	7.60531	-0.2801	+/-1.00	
M6PFDA	12.9	92.9	25 - 150	8.49415	8.749367	-0.2552	+/-1.00	
M7PFUdA	12.9	79.4	25 - 150	8.94775	9.201373	-0.2536	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.9	57.5	25 - 150	9.33685	9.604283	-0.2674	+/-1.00	
M2PFTeDA	12.9	29.4	10 - 150	9.981267	10.24637	-0.2651	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	103	3.58	25 - 150	1.122183	1.085464	0.0367	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.7	89.8	25 - 150	7.983167	8.256346	-0.2732	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	51.5	41.8	25 - 150	4.210083	4.262933	-0.0529	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.8	68.1	10 - 150	8.9145	9.203367	-0.2889	+/-1.00	
d3-N-MeFOSAA	51.5	54.9	25 - 150	8.69585	8.950419	-0.2546	+/-1.00	
d5-N-EtFOSAA	51.5	58.8	25 - 150	8.92825	9.179538	-0.2513	+/-1.00	
M2-6:2 FTS	49.0	48.2	25 - 200	7.267633	7.542923	-0.2753	+/-1.00	
M2-8:2 FTS	49.5	78.0	25 - 200	8.45625	8.713817	-0.2576	+/-1.00	
M9PFNA	12.9	95.7	25 - 150	7.947667	8.220583	-0.2729	+/-1.00	
M2-4:2 FTS	48.3	43.3	25 - 150	5.776866	5.989129	-0.2123	+/-1.00	
d-N-MeFOSA	25.8	27.0	25 - 150	9.7578	10.00189	-0.2441	+/-1.00	
d-N-EtFOSA	25.8	18.3	25 - 150	10.03362	10.26123	-0.2276	+/-1.00	*
M3HFPO-DA	103	106	25 - 150	6.133017	6.362534	-0.2295	+/-1.00	
d9-N-EtFOSE	258	6.29	25 - 150	9.993217	10.22297	-0.2298	+/-1.00	*
d7-N-MeFOSE	258	12.1	25 - 150	9.734167	9.973471	-0.2393	+/-1.00	*

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41614	Laboratory ID:	BC41614-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	250.06 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	151	93.4	61.8	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	307	304	98.8	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	300	305	102	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	304	281	92.5	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	1600	1200	75.1	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	1600	1320	82.8	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	320	233	72.7	50 - 150
9CL-PF3ONS	150	140	93.8	50 - 150
ADONA	151	147	97.1	50 - 150
HFPO-DA (Gen-X)	160	145	90.6	50 - 150
N-EtFOSA	80.0	107	133	50 - 150
N-EtFOSAA	80.0	88.2	110	50 - 150
N-EtFOSE	800	661	82.7	50 - 150
N-MeFOSA	80.0	77.2	96.6	50 - 150
N-MeFOSAA	80.0	77.7	97.2	50 - 150
N-MeFOSE	800	801	100	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	142	163	114	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	77.2	55.7	72.1	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	76.4	75.9	99.4	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	76.8	66.6	86.7	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	80.0	64.9	81.1	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	75.2	77.5	103	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	160	173	108	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	160	69.0	43.2 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	160	176	110	50 - 150
Perfluorobutanesulfonic acid (PFBS)	70.8	72.2	102	50 - 150
Perfluorodecanoic acid (PFDA)	80.0	78.2	97.7	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	77.6	32.3	41.6 *	50 - 150
Perfluorododecanoic acid (PFDoA)	80.0	86.9	109	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41614	Laboratory ID:	BC41614-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250.06 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	30.2	19.2	63.6	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	61.4	66.5	108	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	60.0	60.3	101	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	60.8	59.8	98.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	320	237	73.9	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	320	264	82.4	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	64.0	49.8	77.8	50 - 150
9CL-PF3ONS	29.9	29.7	99.2	50 - 150
ADONA	30.2	31.0	102	50 - 150
HFPO-DA (Gen-X)	32.0	29.9	93.5	50 - 150
N-EtFOSA	16.0	16.9	105	50 - 150
N-EtFOSAA	16.0	15.5	96.9	50 - 150
N-EtFOSE	160	2250	1400 *	50 - 150
N-MeFOSA	16.0	269	1680 *	50 - 150
N-MeFOSAA	16.0	17.1	107	50 - 150
N-MeFOSE	160	195	122	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	28.5	33.8	119	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	15.4	10.5	68.3	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	15.3	16.0	105	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	15.4	15.0	97.6	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	16.0	15.4	96.5	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	15.0	15.9	105	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	32.0	30.1	94.1	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	32.0	18.9	59.2	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	32.0	34.3	107	50 - 150
Perfluorobutanesulfonic acid (PFBS)	14.2	14.1	99.4	50 - 150
Perfluorodecanoic acid (PFDA)	16.0	15.6	97.3	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	15.5	7.31	47.1 *	50 - 150
Perfluorododecanoic acid (PFDoA)	16.0	14.6	91.4	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41614	Laboratory ID:	BC41614-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250.06 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	16.0	17.5	109	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	14.6	15.7	108	50 - 150
Perfluorohexanoic acid (PFHxA)	16.0	16.1	100	50 - 150
Perfluoro-n-butanoic acid (PFBA)	64.0	65.1	102	50 - 150
Perfluorononanoic acid (PFNA)	16.0	17.4	109	50 - 150
Perfluorooctanesulfonic acid (PFOS)	14.9	18.5	124	50 - 150
Perfluorooctanoic acid (PFOA)	16.0	13.5	84.6	50 - 150
Perfluoropentanoic acid (PFPeA)	32.0	32.7	102	50 - 150
Perfluorotetradecanoic acid (PFTA)	16.0	18.9	118	50 - 150
Perfluorotridecanoic acid (PFTrDA)	16.0	24.2	151 *	50 - 150
Perfluoroundecanoic acid (PFUnA)	16.0	16.0	99.8	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41656	Laboratory ID:	BC41656-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS		ND		50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	8.86	57.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	8.77	58.5	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	7.77	51.1	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	36.0	45.1 *	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	45.0	56.2	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	5.26	32.9 *	50 - 150
9CL-PF3ONS		ND		50 - 150
ADONA		ND		50 - 150
HFPO-DA (Gen-X)		ND		50 - 150
N-EtFOSA	4.00	2.99	74.7	50 - 150
N-EtFOSAA	4.00	2.45	61.4	50 - 150
N-EtFOSE	40.0	18.8	47.0 *	50 - 150
N-MeFOSA	4.00	2.47	61.7	50 - 150
N-MeFOSAA	4.00	2.11	52.8	50 - 150
N-MeFOSE	40.0	22.9	57.2	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	4.71	66.1	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	1.72	44.5 *	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	2.82	73.8	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	1.84	47.8 *	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	2.16	54.0	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	2.33	62.0	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	4.18	52.2	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	0.696	8.70 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	5.65	70.6	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	1.99	56.1	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	2.27	56.7	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	1.32	34.1 *	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	2.27	56.9	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Soil		
Batch:	BC41656	Laboratory ID:	BC41656-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #		QC LIMITS REC.
11CL-PF3OUdS		ND			50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	3.07	2.79	90.8		50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	3.00	2.63	87.6		50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.04	2.57	84.7		50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	16.0	11.5	71.8		50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	16.0	14.4	89.8		50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	3.20	2.00	62.6		50 - 150
9CL-PF3ONS		ND			50 - 150
ADONA		ND			50 - 150
HFPO-DA (Gen-X)		ND			50 - 150
N-EtFOSA	0.800	0.771	96.3		50 - 150
N-EtFOSAA	0.800	0.783	97.9		50 - 150
N-EtFOSE	8.00	5.98	74.8		50 - 150
N-MeFOSA	0.800	0.690	86.3		50 - 150
N-MeFOSAA	0.800	0.682	85.3		50 - 150
N-MeFOSE	8.00	6.47	80.9		50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.42	1.51	106		50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.772	0.466	60.4		50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.764	0.842	110		50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.768	0.590	76.8		50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.800	0.701	87.6		50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.752	0.701	93.2		50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.60	1.41	88.2		50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	1.60	0.447	27.9	*	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	1.60	1.72	108		50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.708	0.653	92.2		50 - 150
Perfluorodecanoic acid (PFDA)	0.800	0.714	89.2		50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.776	0.354	45.6	*	50 - 150
Perfluorododecanoic acid (PFDoA)	0.800	0.658	82.2		50 - 150

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24C1134
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BC41614-BLK1	File ID:	QQQ36909.d
Prepared:	03/22/24 08:58	Preparation:	EPA 1633 Prep	Initial/Final:	250.07 mL / 5 mL
Analyzed:	03/28/24 15:03	Instrument:	LCQQQ		
Batch:	BC41614	Sequence:	S4C2858	Calibration:	SA40047

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11CL-PF3OUdS	15.1	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.24	J
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	50.0	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	50.0	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	10.0	U
756426-58-1	9CL-PF3ONS	15.0	U
919005-14-4	ADONA	15.1	U
13252-13-6	HFPO-DA (Gen-X)	16.0	U
4151-50-2	N-EtFOSA	4.00	U
2991-50-6	N-EtFOSAA	4.00	U
1691-99-2	N-EtFOSE	40.0	U
31506-32-8	N-MeFOSA	4.00	U
2355-31-9	N-MeFOSAA	4.00	U
24448-09-7	N-MeFOSE	40.0	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	3.86	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	4.00	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	3.76	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	U
375-73-5	Perfluorobutanesulfonic acid (PFBS)	3.54	U
335-76-2	Perfluorodecanoic acid (PFDA)	4.00	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	3.88	U
307-55-1	Perfluorododecanoic acid (PFDoA)	4.00	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	4.00	U

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SA40047
Instrument: LCQQQ
Calibration Date: 01/29/24 17:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
11CL-PF3OUdS	0.7320301	7.929015	9.452433	0.2150893		0.9999296	0.995	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.1815797	36.52009	8.713058	0.3310924		0.9888906	0.995	*
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.7792083	34.39008	5.989729	0.1300022		0.9919102	0.995	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.9554416	35.67345	7.54212	0.3852704		0.9869298	0.995	*
3-Perfluoroheptyl propanoic acid (FHpPA)	0.1394451	12.29949	8.346396	0.4063312		0.9998169	0.995	
3-Perfluoropentyl propanoic acid (FPePA)	0.1157701	9.365422	6.959558	0.2737375		0.9999214	0.995	
3-Perfluoropropyl propanoic acid (FPrPA)	1.734994E-02	7.174191	3.930635	0.4320211		0.9998453	0.995	
9CL-PF3ONS	0.9862722	2.446779	8.5862	0.3605325		0.9999975	0.995	
ADONA	0.4493586	3.724216	7.045652	0.3130683		0.9998886	0.995	
d3-N-MeFOSAA	1.701255	8.727988	8.950419	0.3062377			20	
d5-N-EtFOSAA	1.249266	13.73548	9.179538	0.2703304			20	
d7-N-MeFOSE	9.913181E-02	5.539495	9.973471	0.1687928			20	
d9-N-EtFOSE	4.108129E-02	7.057036	10.22297	0.2124606			20	
d-N-EtFOSA	0.1356046	7.888135	10.26123	0.2481569			20	
d-N-MeFOSA	0.2065466	7.315149	10.00189	0.1908369			20	
HFPO-DA (Gen-X)	0.0233245	15.58867	6.363911	0.1967547		0.9990519	0.995	
M2-4:2 FTS	7.57046	25.56779	5.989129	0.1302444			20	*
M2-6:2 FTS	5.134641	30.40822	7.542923	0.391174			20	*
M2-8:2 FTS	7.011322	32.1803	8.713817	0.3351021			20	*
M2PFTeDA	0.9560215	6.241583	10.24637	0.2184797			20	
M3HFPO-DA	0.2841971	17.25037	6.362534	0.2016556			20	
M3PFBS	5.417139	8.083656	5.188352	0.2001419			20	
M3PFHxS	3.339968	9.77535	7.011017	0.3334606			20	
M4PFHpA	0.2514181	12.12566	6.903915	0.286227			20	
M5PFHxA	1.732437	7.658696	6.060756	0.1624445			20	
M6PFDA	1.574956	8.463066	8.749367	0.3198994			20	
M7PFUdA	2.056038	10.89033	9.201373	0.240515			20	
M9PFNA	0.2825634	8.389743	8.220583	0.4251065			20	
N-EtFOSA	1.208752	16.6614	10.2703	0.2299934		0.9980897	0.995	
N-EtFOSAA	1.000592	5.345123	9.188031	0.2671585		0.999934	0.995	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36823.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/27/24
Lab Sample ID:	S4C2858-CCV4	Injection Time:	20:22

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.18	0.7320301	0.6590422		-13.4	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	13.4	0.1815797	0.2798217		39.1	30	*
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	12.6	0.7792083	1.216556		34.5	30	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.6	0.9554416	1.252316		12.0	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	67.9	0.1394451	0.153363		8.5	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	74.2	0.1157701	0.1423277		18.5	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	14.1	1.734994E-02	2.035737E-02		13.1	30	
9CL-PF3ONS	A	9.35	9.86	0.9862722	1.040052		5.5	30	
ADONA	A	9.45	10.1	0.4493586	0.4969315		6.7	30	
HFPO-DA (Gen-X)	A	10.0	10.0	0.0233245	0.0243101		-0.03	30	
N-EtFOSA	A	2.50	3.85	1.208752	1.703893		53.8	30	*
N-EtFOSAA	A	2.50	3.13	1.000592	1.177369		25.4	30	
N-EtFOSE	A	25.0	27.8	2.353383	2.598813		11.1	30	
N-MeFOSA	A	2.50	3.31	1.01519	1.183422		32.2	30	*
N-MeFOSAA	A	2.50	3.15	0.9256655	1.1311		25.9	30	
N-MeFOSE	A	25.0	38.0	0.9759282	1.395979		52.0	30	*
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	7.90	1.104744	1.863738		77.6	30	*
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	3.00	0.7069136	0.8642109		24.4	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	3.29	2.503952	3.314643		38.3	30	*
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.83	1.699166	1.845916		18.1	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	3.18	1.487501	1.698116		27.4	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	3.14	1.433993	1.726047		33.7	30	*
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	6.70	1.863594E-02	2.764435E-02		34.0	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36823.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/27/24
Lab Sample ID:	S4C2858-CCV4	Injection Time:	20:22

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	7.23	0.3040571	0.4294461		44.5	30 *
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	7.49	0.4217396	0.6233923		49.8	30 *
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.87	1.052663	1.314716		29.1	30
Perfluorodecanoic acid (PFDA)	A	2.50	3.07	1.02124	1.257494		22.9	30
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.72	0.4727093	0.522431		12.5	30
Perfluorododecanoic acid (PFDoA)	A	2.50	3.27	0.9082294	1.117455		30.9	30 *
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.40	3.915459	5.219197		35.9	30 *
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	3.09	1.166896	1.400248		35.6	30 *
Perfluorohexanoic acid (PFHxA)	A	2.50	3.12	1.036248	1.25516		24.6	30
Perfluoro-n-butanoic acid (PFBA)	A	10.0	13.2	0.8553935	1.065138		31.7	30 *
Perfluorononanoic acid (PFNA)	A	2.50	2.94	3.604002	3.963415		17.5	30
Perfluorooctanesulfonic acid (PFOS)	A	2.32	3.28	2.019359	2.773185		41.5	30 *
Perfluorooctanoic acid (PFOA)	A	2.50	2.83	1.075443	1.218476		13.1	30
Perfluoropentanoic acid (PFPeA)	A	5.00	6.41	1.011086	1.263177		28.2	30
Perfluorotetradecanoic acid (PFTA)	A	2.50	3.82	0.9476527	1.341261		52.8	30 *
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.98	1.295399	1.471065		19.2	30
Perfluoroundecanoic acid (PFUnA)	A	2.50	3.36	0.8884908	1.160783		34.2	30 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36838.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/27/24
Lab Sample ID:	S4C2858-CCV5	Injection Time:	23:36

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	8.54	0.7320301	0.6882385		-9.6	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	13.1	0.1815797	0.2740986		36.0	30 *
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	11.5	0.7792083	1.117003		22.4	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.2	0.9554416	1.208709		7.8	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	72.7	0.1394451	0.164019		16.1	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	73.8	0.1157701	0.141648		17.9	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	12.2	1.734994E-02	1.749936E-02		-2.8	30
9CL-PF3ONS	A	9.35	10.2	0.9862722	1.073941		8.9	30
ADONA	A	9.45	10.0	0.4493586	0.4924696		5.8	30
HFPO-DA (Gen-X)	A	10.0	8.87	0.0233245	2.158252E-02		-11.3	30
N-EtFOSA	A	2.50	3.90	1.208752	1.728382		56.0	30 *
N-EtFOSAA	A	2.50	3.66	1.000592	1.376085		46.3	30 *
N-EtFOSE	A	25.0	31.4	2.353383	2.933285		25.4	30
N-MeFOSA	A	2.50	3.51	1.01519	1.255711		40.3	30 *
N-MeFOSAA	A	2.50	2.99	0.9256655	1.073821		19.5	30
N-MeFOSE	A	25.0	32.0	0.9759282	1.177411		28.2	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	8.23	1.104744	1.941243		85.0	30 *
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.56	0.7069136	0.7375643		6.1	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	3.27	2.503952	3.291732		37.3	30 *
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.04	1.699166	1.980714		26.8	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	3.41	1.487501	1.821286		36.6	30 *
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	3.11	1.433993	1.706053		32.2	30 *
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	7.04	1.863594E-02	2.900231E-02		40.7	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36838.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/27/24
Lab Sample ID:	S4C2858-CCV5	Injection Time:	23:36

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	7.05	0.3040571	0.4188546		41.0	30 *
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	7.71	0.4217396	0.6416146		54.2	30 *
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.73	1.052663	1.251967		22.9	30
Perfluorodecanoic acid (PFDA)	A	2.50	2.81	1.02124	1.149131		12.3	30
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.86	0.4727093	0.5485609		18.1	30
Perfluorododecanoic acid (PFDoA)	A	2.50	3.37	0.9082294	1.15277		35.0	30 *
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.53	3.915459	5.417103		41.0	30 *
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	3.11	1.166896	1.407244		36.2	30 *
Perfluorohexanoic acid (PFHxA)	A	2.50	3.31	1.036248	1.334519		32.5	30 *
Perfluoro-n-butanoic acid (PFBA)	A	10.0	12.8	0.8553935	1.034359		28.0	30
Perfluorononanoic acid (PFNA)	A	2.50	3.04	3.604002	4.101131		21.6	30
Perfluorooctanesulfonic acid (PFOS)	A	2.32	3.00	2.019359	2.535209		29.3	30
Perfluorooctanoic acid (PFOA)	A	2.50	3.02	1.075443	1.300992		20.8	30
Perfluoropentanoic acid (PFPeA)	A	5.00	6.43	1.011086	1.266899		28.6	30
Perfluorotetradecanoic acid (PFTA)	A	2.50	3.46	0.9476527	1.21358		38.3	30 *
Perfluorotridecanoic acid (PFTrDA)	A	2.50	3.51	1.295399	1.734464		40.5	30 *
Perfluoroundecanoic acid (PFUnA)	A	2.50	3.27	0.8884908	1.129491		30.6	30 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36907.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/28/24
Lab Sample ID:	S4C2858-CCV7	Injection Time:	14:31

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	6.63	0.7320301	0.5335193		-29.9	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	12.6	0.1815797	0.2661001		31.7	30 *
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	11.9	0.7792083	1.150788		26.5	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.6	0.9554416	1.251393		11.9	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	51.6	0.1394451	0.1167566		-17.6	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	57.3	0.1157701	0.1101678		-8.5	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	13.1	1.734994E-02	1.891884E-02		5.1	30
9CL-PF3ONS	A	9.35	8.25	0.9862722	0.8701551		-11.8	30
ADONA	A	9.45	9.69	0.4493586	0.4772706		2.5	30
HFPO-DA (Gen-X)	A	10.0	9.39	0.0233245	2.283311E-02		-6.1	30
N-EtFOSA	A	2.50	0.364	1.208752	0.1610604		-85.4	30 *
N-EtFOSAA	A	2.50	3.49	1.000592	1.31243		39.6	30 *
N-EtFOSE	A	25.0	29.2	2.353383	2.734717		16.9	30
N-MeFOSA	A	2.50	3.12	1.01519	1.118451		25.0	30
N-MeFOSAA	A	2.50	3.04	0.9256655	1.092069		21.6	30
N-MeFOSE	A	25.0	32.0	0.9759282	1.177092		28.1	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	7.58	1.104744	1.787469		70.3	30 *
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.70	0.7069136	0.7783774		12.0	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.98	2.503952	2.997997		25.0	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.82	1.699166	1.834352		17.4	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.66	1.487501	1.416647		6.3	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	3.04	1.433993	1.669893		29.4	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	7.66	1.863594E-02	3.154254E-02		53.3	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36907.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/28/24
Lab Sample ID:	S4C2858-CCV7	Injection Time:	14:31

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	8.00	0.3040571	0.4757847		60.0	30 *
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	7.49	0.4217396	0.6234289		49.8	30 *
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.85	1.052663	1.309656		28.6	30
Perfluorodecanoic acid (PFDA)	A	2.50	2.92	1.02124	1.196885		17.0	30
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.05	0.4727093	0.3937739		-15.2	30
Perfluorododecanoic acid (PFDoA)	A	2.50	3.58	0.9082294	1.222487		43.1	30 *
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.58	3.915459	5.508523		43.4	30 *
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	3.03	1.166896	1.370252		32.7	30 *
Perfluorohexanoic acid (PFHxA)	A	2.50	3.26	1.036248	1.313522		30.4	30 *
Perfluoro-n-butanoic acid (PFBA)	A	10.0	13.1	0.8553935	1.058291		30.9	30 *
Perfluorononanoic acid (PFNA)	A	2.50	3.11	3.604002	4.196714		24.4	30
Perfluorooctanesulfonic acid (PFOS)	A	2.32	3.20	2.019359	2.70113		37.8	30 *
Perfluorooctanoic acid (PFOA)	A	2.50	3.03	1.075443	1.303816		21.0	30
Perfluoropentanoic acid (PFPeA)	A	5.00	6.37	1.011086	1.255985		27.5	30
Perfluorotetradecanoic acid (PFTA)	A	2.50	3.29	0.9476527	1.153924		31.5	30 *
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.75	1.295399	1.355112		9.9	30
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.89	0.8884908	0.9972504		15.4	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36919.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/28/24
Lab Sample ID:	S4C2858-CCV8	Injection Time:	17:44

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	8.43	0.7320301	0.67925		-10.8	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	13.9	0.1815797	0.2904356		44.9	30 *
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	11.8	0.7792083	1.145412		25.8	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	11.6	0.9554416	1.357023		22.2	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	50.0	0.1394451	0.1133202		-20.1	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	58.3	0.1157701	0.1120809		-6.9	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	12.4	1.734994E-02	1.783661E-02		-0.9	30
9CL-PF3ONS	A	9.35	10.5	0.9862722	1.107869		12.3	30
ADONA	A	9.45	9.75	0.4493586	0.4803442		3.2	30
HFPO-DA (Gen-X)	A	10.0	9.88	0.0233245	2.402089E-02		-1.2	30
N-EtFOSA	A	2.50	3.30	1.208752	1.461886		32.0	30 *
N-EtFOSAA	A	2.50	3.55	1.000592	1.335233		42.0	30 *
N-EtFOSE	A	25.0	30.6	2.353383	2.867431		22.6	30
N-MeFOSA	A	2.50	3.35	1.01519	1.199854		34.1	30 *
N-MeFOSAA	A	2.50	2.91	0.9256655	1.044241		16.3	30
N-MeFOSE	A	25.0	32.5	0.9759282	1.194978		30.1	30 *
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	7.61	1.104744	1.794567		71.0	30 *
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	3.03	0.7069136	0.874774		25.9	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	3.30	2.503952	3.327722		38.8	30 *
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.14	1.699166	2.043924		30.8	30 *
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	3.41	1.487501	1.820823		36.5	30 *
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	3.26	1.433993	1.794359		38.9	30 *
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	7.15	1.863594E-02	2.948003E-02		43.1	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SA40047
Lab File ID:	QQQ36919.d	Calibration Date:	01/29/24 17:50
Sequence:	S4C2858	Injection Date:	03/28/24
Lab Sample ID:	S4C2858-CCV8	Injection Time:	17:44

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	7.70	0.3040571	0.4577819		54.0	30 *
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	7.48	0.4217396	0.6226014		49.6	30 *
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.89	1.052663	1.325735		30.1	30 *
Perfluorodecanoic acid (PFDA)	A	2.50	3.04	1.02124	1.244521		21.6	30
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.65	0.4727093	0.5080401		9.4	30
Perfluorododecanoic acid (PFDoA)	A	2.50	2.93	0.9082294	0.9997047		17.1	30
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.64	3.915459	5.595279		45.6	30 *
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	3.28	1.166896	1.485786		43.8	30 *
Perfluorohexanoic acid (PFHxA)	A	2.50	3.04	1.036248	1.224143		21.6	30
Perfluoro-n-butanoic acid (PFBA)	A	10.0	13.2	0.8553935	1.063828		31.6	30 *
Perfluorononanoic acid (PFNA)	A	2.50	3.20	3.604002	4.320814		28.1	30
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.96	2.019359	2.503465		27.7	30
Perfluorooctanoic acid (PFOA)	A	2.50	3.03	1.075443	1.307536		21.4	30
Perfluoropentanoic acid (PFPeA)	A	5.00	6.37	1.011086	1.255752		27.5	30
Perfluorotetradecanoic acid (PFTA)	A	2.50	3.57	0.9476527	1.252354		42.7	30 *
Perfluorotridecanoic acid (PFTrDA)	A	2.50	3.19	1.295399	1.575727		27.7	30
Perfluoroundecanoic acid (PFUnA)	A	2.50	3.51	0.8884908	1.213864		40.3	30 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: Nexion2000C
Calibration: 03/22/24
Control Limt: +/- 10.00%
Sequence: S4C2227

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2227-ICV1	Antimony	50.0	51.2	102	ug/L	EPA 6020B
	Arsenic	50.0	44.2	88.3 *	ug/L	EPA 6020B
	Beryllium	50.0	49.8	99.6	ug/L	EPA 6020B
	Cadmium	50.0	47.4	94.9	ug/L	EPA 6020B
	Selenium	50.0	46.4	92.8	ug/L	EPA 6020B
	Thallium	50.0	50.4	101	ug/L	EPA 6020B
S4C2227-CCV1	Antimony	50.0	52.4	105	ug/L	EPA 6020B
	Arsenic	50.0	46.8	93.7	ug/L	EPA 6020B
	Beryllium	50.0	51.4	103	ug/L	EPA 6020B
	Cadmium	50.0	49.6	99.2	ug/L	EPA 6020B
	Selenium	50.0	49.7	99.4	ug/L	EPA 6020B
	Thallium	50.0	51.3	103	ug/L	EPA 6020B
S4C2227-CCV2	Antimony	50.0	52.1	104	ug/L	EPA 6020B
	Arsenic	50.0	47.5	95.1	ug/L	EPA 6020B
	Beryllium	50.0	51.6	103	ug/L	EPA 6020B
	Cadmium	50.0	48.6	97.3	ug/L	EPA 6020B
	Selenium	50.0	45.0	90.1	ug/L	EPA 6020B
	Thallium	50.0	50.8	102	ug/L	EPA 6020B
S4C2227-CCV5	Antimony	50.0	52.6	105	ug/L	EPA 6020B
	Arsenic	50.0	47.8	95.6	ug/L	EPA 6020B
	Beryllium	50.0	50.4	101	ug/L	EPA 6020B
	Cadmium	50.0	49.3	98.6	ug/L	EPA 6020B
	Selenium	50.0	46.5	93.0	ug/L	EPA 6020B
	Thallium	50.0	52.5	105	ug/L	EPA 6020B
S4C2227-CCV6	Antimony	50.0	52.8	106	ug/L	EPA 6020B
	Arsenic	50.0	47.9	95.8	ug/L	EPA 6020B
	Beryllium	50.0	51.5	103	ug/L	EPA 6020B
	Cadmium	50.0	48.7	97.5	ug/L	EPA 6020B
	Selenium	50.0	49.3	98.6	ug/L	EPA 6020B
	Thallium	50.0	50.7	101	ug/L	EPA 6020B

* Values outside of QC limits

CRDL STANDARD

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: Nexion2000C
Calibration: 03/22/24
Sequence: S4C2227

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S4C2227-CRL1	Antimony	1.00	0.985	98.5	ug/L	10 - 190
	Arsenic	1.00	0.890	89.0	ug/L	10 - 190
	Beryllium	1.00	1.04	104	ug/L	10 - 190
	Cadmium	1.00	0.965	96.5	ug/L	10 - 190
	Selenium	1.00	1.76	176 *	ug/L	75 - 125
	Thallium	1.00	1.15	115	ug/L	10 - 190

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Matrix: Soil
Batch: BC41653
Laboratory ID: BC41653-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	10000	9790	97.9	44.8 - 128
Antimony	276	68.4	24.8	2.17 - 110
Arsenic	223	180	80.9	70.4 - 102.2
Barium	445	391	88.0	77.9 - 110.8
Beryllium	131	104	79.5	76.3 - 107.6
Cadmium	226	186	82.2 *	88.1 - 104.9
Calcium	5860	5470	93.4	78.3 - 111.9
Chromium	230	200	87.1	73.5 - 107
Cobalt	258	225	87.1	74.8 - 105.8
Copper	239	236	98.9	75.3 - 105.9
Iron	8860	7880	89.0	52.1 - 126.4
Lead	275	233	84.7	74.2 - 108
Magnesium	2380	2210	92.8	71.4 - 114.7
Manganese	314	289	92.1	80.3 - 114.6
Nickel	118	101	85.6	72 - 104.2
Potassium	2030	1820	89.8	68.5 - 118.7
Selenium	137	120	87.3	70.9 - 108.8
Silver	75.3	62.2	82.7	72 - 110.1
Sodium	453	449	99.2	70.6 - 118.1
Thallium	165	131	79.4	70.9 - 106.7
Vanadium	183	157	85.6	67.2 - 106.6
Zinc	286	250	87.3	75.9 - 111.5

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Matrix: Soil
Batch: BC41686
Laboratory ID: BC41686-SRM1
Preparation: EPA 3050B
Initial/Final: 0.5 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	12000	12000	99.7	44.8 - 128
Antimony	331	94.0	28.4	2.17 - 110
Arsenic	268	226	84.5	70.4 - 102.2
Barium	534	523	97.9	77.9 - 110.8
Beryllium	157	127	80.9	76.3 - 107.6
Cadmium	271	229	84.4 *	88.1 - 104.9
Calcium	7030	6640	94.4	78.3 - 111.9
Chromium	276	246	89.2	73.5 - 107
Cobalt	310	277	89.6	74.8 - 105.8
Copper	287	292	102	75.3 - 105.9
Iron	10600	9710	91.3	52.1 - 126.4
Lead	330	292	88.4	74.2 - 108
Magnesium	2860	2760	96.5	71.4 - 114.7
Manganese	377	372	98.8	80.3 - 114.6
Nickel	142	125	88.4	72 - 104.2
Potassium	2440	2380	97.5	68.5 - 118.7
Selenium	164	150	91.5	70.9 - 108.8
Silver	90.4	77.8	86.1	72 - 110.1
Sodium	544	545	100	70.6 - 118.1
Thallium	198	161	81.1	70.9 - 106.7
Vanadium	220	193	88.0	67.2 - 106.6
Zinc	343	303	88.4	75.9 - 111.5

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Matrix: Soil
Batch: BC41771
Laboratory ID: BC41771-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	10000	8530	85.3	44.8 - 128
Antimony	276	75.0	27.2	2.17 - 110
Arsenic	223	156	70.0 *	70.4 - 102.2
Barium	445	351	79.0	77.9 - 110.8
Beryllium	131	94.5	72.2 *	76.3 - 107.6
Cadmium	226	165	73.1 *	88.1 - 104.9
Calcium	5860	4710	80.3	78.3 - 111.9
Chromium	230	176	76.6	73.5 - 107
Cobalt	258	195	75.6	74.8 - 105.8
Copper	239	203	85.0	75.3 - 105.9
Iron	8860	6850	77.3	52.1 - 126.4
Lead	275	201	73.0 *	74.2 - 108
Magnesium	2380	1910	80.4	71.4 - 114.7
Manganese	314	254	80.7	80.3 - 114.6
Nickel	118	88.2	74.7	72 - 104.2
Potassium	2030	1580	77.9	68.5 - 118.7
Selenium	137	104	75.6	70.9 - 108.8
Silver	75.3	53.8	71.4 *	72 - 110.1
Sodium	453	359	79.2	70.6 - 118.1
Thallium	165	119	72.3	70.9 - 106.7
Vanadium	183	137	74.7	67.2 - 106.6
Zinc	286	211	73.8 *	75.9 - 111.5

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2709

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2709-CCV6	Cobalt	2.50	2.58	103	ug/mL	EPA 6010D
	Copper	1.25	1.29	103	ug/mL	EPA 6010D
	Iron	5.00	4.96	99.2	ug/mL	EPA 6010D
	Lead	0.500	0.536	107	ug/mL	EPA 6010D
	Magnesium	25.0	24.8	99.1	ug/mL	EPA 6010D
	Manganese	2.50	2.56	102	ug/mL	EPA 6010D
	Nickel	2.50	2.59	104	ug/mL	EPA 6010D
	Potassium	5.00	4.82	96.4	ug/mL	EPA 6010D
	Selenium	0.500	0.545	109	ug/mL	EPA 6010D
	Silver	1.25	1.26	101	ug/mL	EPA 6010D
	Sodium	25.0	23.6	94.6	ug/mL	EPA 6010D
	Thallium	0.500	0.553	111 *	ug/mL	EPA 6010D
	Vanadium	2.50	2.50	100	ug/mL	EPA 6010D
	Zinc	2.50	2.70	108	ug/mL	EPA 6010D
S4C2709-CCV7	Aluminum	10.0	9.78	97.8	ug/mL	EPA 6010D
	Antimony	0.250	0.233	93.1	ug/mL	EPA 6010D
	Arsenic	0.500	0.523	105	ug/mL	EPA 6010D
	Barium	10.0	10.4	104	ug/mL	EPA 6010D
	Beryllium	0.250	0.258	103	ug/mL	EPA 6010D
	Cadmium	0.250	0.263	105	ug/mL	EPA 6010D
	Calcium	25.0	24.8	99.2	ug/mL	EPA 6010D
	Chromium	1.00	1.01	101	ug/mL	EPA 6010D
	Cobalt	2.50	2.57	103	ug/mL	EPA 6010D
	Copper	1.25	1.28	103	ug/mL	EPA 6010D
	Iron	5.00	5.06	101	ug/mL	EPA 6010D
	Lead	0.500	0.538	108	ug/mL	EPA 6010D
	Magnesium	25.0	24.7	98.7	ug/mL	EPA 6010D
	Manganese	2.50	2.56	102	ug/mL	EPA 6010D
	Nickel	2.50	2.59	104	ug/mL	EPA 6010D
	Potassium	5.00	4.85	97.0	ug/mL	EPA 6010D
	Selenium	0.500	0.541	108	ug/mL	EPA 6010D
	Silver	1.25	1.26	101	ug/mL	EPA 6010D
	Sodium	25.0	23.9	95.5	ug/mL	EPA 6010D
	Thallium	0.500	0.553	111 *	ug/mL	EPA 6010D
	Vanadium	2.50	2.50	100	ug/mL	EPA 6010D
	Zinc	2.50	2.70	108	ug/mL	EPA 6010D
S4C2709-CCV8	Aluminum	10.0	9.77	97.7	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2713

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2713-ICV1	Aluminum	10.0	9.78	97.8	ug/mL	EPA 6010D
	Antimony	0.250	0.265	106	ug/mL	EPA 6010D
	Arsenic	0.250	0.233	93.3	ug/mL	EPA 6010D
	Barium	10.0	10.4	104	ug/mL	EPA 6010D
	Beryllium	0.250	0.254	102	ug/mL	EPA 6010D
	Cadmium	0.125	0.121	97.2	ug/mL	EPA 6010D
	Calcium	25.0	25.1	101	ug/mL	EPA 6010D
	Chromium	1.00	1.01	101	ug/mL	EPA 6010D
	Cobalt	2.50	2.56	102	ug/mL	EPA 6010D
	Copper	1.25	1.29	104	ug/mL	EPA 6010D
	Iron	5.00	5.18	104	ug/mL	EPA 6010D
	Lead	0.250	0.239	95.8	ug/mL	EPA 6010D
	Magnesium	25.0	25.6	102	ug/mL	EPA 6010D
	Manganese	2.50	2.57	103	ug/mL	EPA 6010D
	Nickel	2.50	2.56	103	ug/mL	EPA 6010D
	Potassium	25.0	21.9	87.4 *	ug/mL	EPA 6010D
	Selenium	0.250	0.244	97.6	ug/mL	EPA 6010D
	Silver	1.25	1.23	98.6	ug/mL	EPA 6010D
	Sodium	25.0	26.3	105	ug/mL	EPA 6010D
	Thallium	0.250	0.257	103	ug/mL	EPA 6010D
	Vanadium	2.50	2.53	101	ug/mL	EPA 6010D
	Zinc	2.50	2.57	103	ug/mL	EPA 6010D
S4C2713-CCV1	Aluminum	10.0	9.48	94.8	ug/mL	EPA 6010D
	Antimony	0.250	0.249	99.5	ug/mL	EPA 6010D
	Arsenic	0.500	0.504	101	ug/mL	EPA 6010D
	Barium	10.0	10.3	103	ug/mL	EPA 6010D
	Beryllium	0.250	0.257	103	ug/mL	EPA 6010D
	Cadmium	0.250	0.260	104	ug/mL	EPA 6010D
	Calcium	25.0	25.2	101	ug/mL	EPA 6010D
	Chromium	1.00	0.999	99.9	ug/mL	EPA 6010D
	Cobalt	2.50	2.55	102	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.14	103	ug/mL	EPA 6010D
	Lead	0.500	0.522	104	ug/mL	EPA 6010D
	Magnesium	25.0	25.3	101	ug/mL	EPA 6010D
	Manganese	2.50	2.54	102	ug/mL	EPA 6010D
	Nickel	2.50	2.58	103	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2713

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2713-CCV4	Cobalt	2.50	2.54	102	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.19	104	ug/mL	EPA 6010D
	Lead	0.500	0.521	104	ug/mL	EPA 6010D
	Magnesium	25.0	25.2	101	ug/mL	EPA 6010D
	Manganese	2.50	2.55	102	ug/mL	EPA 6010D
	Nickel	2.50	2.57	103	ug/mL	EPA 6010D
	Potassium	5.00	4.21	84.1 *	ug/mL	EPA 6010D
	Selenium	0.500	0.511	102	ug/mL	EPA 6010D
	Silver	1.25	1.25	100	ug/mL	EPA 6010D
	Sodium	25.0	24.9	99.6	ug/mL	EPA 6010D
	Thallium	0.500	0.533	107	ug/mL	EPA 6010D
	Vanadium	2.50	2.49	99.7	ug/mL	EPA 6010D
	Zinc	2.50	2.62	105	ug/mL	EPA 6010D
S4C2713-CCV5	Aluminum	10.0	9.55	95.5	ug/mL	EPA 6010D
	Antimony	0.250	0.228	91.3	ug/mL	EPA 6010D
	Arsenic	0.500	0.506	101	ug/mL	EPA 6010D
	Barium	10.0	10.4	104	ug/mL	EPA 6010D
	Beryllium	0.250	0.259	103	ug/mL	EPA 6010D
	Cadmium	0.250	0.261	104	ug/mL	EPA 6010D
	Calcium	25.0	25.3	101	ug/mL	EPA 6010D
	Chromium	1.00	1.01	101	ug/mL	EPA 6010D
	Cobalt	2.50	2.57	103	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.06	101	ug/mL	EPA 6010D
	Lead	0.500	0.521	104	ug/mL	EPA 6010D
	Magnesium	25.0	24.9	99.4	ug/mL	EPA 6010D
	Manganese	2.50	2.56	102	ug/mL	EPA 6010D
	Nickel	2.50	2.60	104	ug/mL	EPA 6010D
	Potassium	5.00	4.03	80.7 *	ug/mL	EPA 6010D
	Selenium	0.500	0.523	105	ug/mL	EPA 6010D
	Silver	1.25	1.27	101	ug/mL	EPA 6010D
	Sodium	25.0	23.8	95.2	ug/mL	EPA 6010D
	Thallium	0.500	0.532	106	ug/mL	EPA 6010D
	Vanadium	2.50	2.50	100	ug/mL	EPA 6010D
	Zinc	2.50	2.64	106	ug/mL	EPA 6010D

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2719

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2719-ICV1	Aluminum	10.0	9.78	97.8	ug/mL	EPA 6010D
	Antimony	0.250	0.265	106	ug/mL	EPA 6010D
	Arsenic	0.250	0.233	93.3	ug/mL	EPA 6010D
	Barium	10.0	10.4	104	ug/mL	EPA 6010D
	Beryllium	0.250	0.254	102	ug/mL	EPA 6010D
	Cadmium	0.125	0.121	97.2	ug/mL	EPA 6010D
	Calcium	25.0	25.1	101	ug/mL	EPA 6010D
	Chromium	1.00	1.01	101	ug/mL	EPA 6010D
	Cobalt	2.50	2.56	102	ug/mL	EPA 6010D
	Copper	1.25	1.29	104	ug/mL	EPA 6010D
	Iron	5.00	5.18	104	ug/mL	EPA 6010D
	Lead	0.250	0.239	95.8	ug/mL	EPA 6010D
	Magnesium	25.0	25.6	102	ug/mL	EPA 6010D
	Manganese	2.50	2.57	103	ug/mL	EPA 6010D
	Nickel	2.50	2.56	103	ug/mL	EPA 6010D
	Potassium	25.0	21.9	87.4 *	ug/mL	EPA 6010D
	Selenium	0.250	0.244	97.6	ug/mL	EPA 6010D
	Silver	1.25	1.23	98.6	ug/mL	EPA 6010D
	Sodium	25.0	26.3	105	ug/mL	EPA 6010D
	Thallium	0.250	0.257	103	ug/mL	EPA 6010D
	Vanadium	2.50	2.53	101	ug/mL	EPA 6010D
	Zinc	2.50	2.57	103	ug/mL	EPA 6010D
S4C2719-CCV1	Aluminum	10.0	9.48	94.8	ug/mL	EPA 6010D
	Antimony	0.250	0.249	99.5	ug/mL	EPA 6010D
	Arsenic	0.500	0.504	101	ug/mL	EPA 6010D
	Barium	10.0	10.3	103	ug/mL	EPA 6010D
	Beryllium	0.250	0.257	103	ug/mL	EPA 6010D
	Cadmium	0.250	0.260	104	ug/mL	EPA 6010D
	Calcium	25.0	25.2	101	ug/mL	EPA 6010D
	Chromium	1.00	0.999	99.9	ug/mL	EPA 6010D
	Cobalt	2.50	2.55	102	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.14	103	ug/mL	EPA 6010D
	Lead	0.500	0.522	104	ug/mL	EPA 6010D
	Magnesium	25.0	25.3	101	ug/mL	EPA 6010D
	Manganese	2.50	2.54	102	ug/mL	EPA 6010D
	Nickel	2.50	2.58	103	ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2719

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S4C2719-CCV1	Potassium	5.00	4.23	84.6	*	ug/mL	EPA 6010D
	Selenium	0.500	0.513	103		ug/mL	EPA 6010D
	Silver	1.25	1.26	101		ug/mL	EPA 6010D
	Sodium	25.0	24.9	99.8		ug/mL	EPA 6010D
	Thallium	0.500	0.530	106		ug/mL	EPA 6010D
	Vanadium	2.50	2.49	99.5		ug/mL	EPA 6010D
	Zinc	2.50	2.62	105		ug/mL	EPA 6010D
S4C2719-CCV4	Aluminum	10.0	9.70	97.0		ug/mL	EPA 6010D
	Antimony	0.250	0.227	91.0		ug/mL	EPA 6010D
	Arsenic	0.500	0.504	101		ug/mL	EPA 6010D
	Barium	10.0	10.3	103		ug/mL	EPA 6010D
	Beryllium	0.250	0.257	103		ug/mL	EPA 6010D
	Cadmium	0.250	0.258	103		ug/mL	EPA 6010D
	Calcium	25.0	25.4	102		ug/mL	EPA 6010D
	Chromium	1.00	1.00	100		ug/mL	EPA 6010D
	Cobalt	2.50	2.54	102		ug/mL	EPA 6010D
	Copper	1.25	1.27	102		ug/mL	EPA 6010D
	Iron	5.00	5.19	104		ug/mL	EPA 6010D
	Lead	0.500	0.521	104		ug/mL	EPA 6010D
	Magnesium	25.0	25.2	101		ug/mL	EPA 6010D
	Manganese	2.50	2.55	102		ug/mL	EPA 6010D
	Nickel	2.50	2.57	103		ug/mL	EPA 6010D
	Potassium	5.00	4.21	84.1	*	ug/mL	EPA 6010D
	Selenium	0.500	0.511	102		ug/mL	EPA 6010D
	Silver	1.25	1.25	100		ug/mL	EPA 6010D
	Sodium	25.0	24.9	99.6		ug/mL	EPA 6010D
	Thallium	0.500	0.533	107		ug/mL	EPA 6010D
	Vanadium	2.50	2.49	99.7		ug/mL	EPA 6010D
	Zinc	2.50	2.62	105		ug/mL	EPA 6010D
S4C2719-CCV5	Aluminum	10.0	9.55	95.5		ug/mL	EPA 6010D
	Antimony	0.250	0.228	91.3		ug/mL	EPA 6010D
	Arsenic	0.500	0.506	101		ug/mL	EPA 6010D
	Barium	10.0	10.4	104		ug/mL	EPA 6010D
	Beryllium	0.250	0.259	103		ug/mL	EPA 6010D
	Cadmium	0.250	0.261	104		ug/mL	EPA 6010D
	Calcium	25.0	25.3	101		ug/mL	EPA 6010D
	Chromium	1.00	1.01	101		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24C1134
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 03/26/24
Control Limt: +/- 10.00%
Sequence: S4C2719

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4C2719-CCV5	Cobalt	2.50	2.57	103	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.06	101	ug/mL	EPA 6010D
	Lead	0.500	0.521	104	ug/mL	EPA 6010D
	Magnesium	25.0	24.9	99.4	ug/mL	EPA 6010D
	Manganese	2.50	2.56	102	ug/mL	EPA 6010D
	Nickel	2.50	2.60	104	ug/mL	EPA 6010D
	Potassium	5.00	4.03	80.7 *	ug/mL	EPA 6010D
	Selenium	0.500	0.523	105	ug/mL	EPA 6010D
	Silver	1.25	1.27	101	ug/mL	EPA 6010D
	Sodium	25.0	23.8	95.2	ug/mL	EPA 6010D
	Thallium	0.500	0.532	106	ug/mL	EPA 6010D
	Vanadium	2.50	2.50	100	ug/mL	EPA 6010D
	Zinc	2.50	2.64	106	ug/mL	EPA 6010D
S4C2719-CCV6	Aluminum	10.0	9.64	96.4	ug/mL	EPA 6010D
	Antimony	0.250	0.231	92.4	ug/mL	EPA 6010D
	Arsenic	0.500	0.511	102	ug/mL	EPA 6010D
	Barium	10.0	10.4	104	ug/mL	EPA 6010D
	Beryllium	0.250	0.259	103	ug/mL	EPA 6010D
	Cadmium	0.250	0.261	105	ug/mL	EPA 6010D
	Calcium	25.0	25.5	102	ug/mL	EPA 6010D
	Chromium	1.00	1.01	101	ug/mL	EPA 6010D
	Cobalt	2.50	2.57	103	ug/mL	EPA 6010D
	Copper	1.25	1.27	102	ug/mL	EPA 6010D
	Iron	5.00	5.13	103	ug/mL	EPA 6010D
	Lead	0.500	0.522	104	ug/mL	EPA 6010D
	Magnesium	25.0	25.0	100	ug/mL	EPA 6010D
	Manganese	2.50	2.56	102	ug/mL	EPA 6010D
	Nickel	2.50	2.61	104	ug/mL	EPA 6010D
	Potassium	5.00	4.08	81.5 *	ug/mL	EPA 6010D
	Selenium	0.500	0.515	103	ug/mL	EPA 6010D
	Silver	1.25	1.27	101	ug/mL	EPA 6010D
	Sodium	25.0	24.0	95.8	ug/mL	EPA 6010D
	Thallium	0.500	0.539	108	ug/mL	EPA 6010D
	Vanadium	2.50	2.51	100	ug/mL	EPA 6010D
	Zinc	2.50	2.65	106	ug/mL	EPA 6010D

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

SWS-1

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24C1134
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BC41749	Laboratory ID:	BC41749-MS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

Source Sample Name: SWS-1

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Aluminum	2.22	0.0676	2.32	101	75 - 125
Barium	2.22	0.0346	2.43	108	75 - 125
Calcium	1.11	53.7	54.8	98.6	75 - 125
Chromium	0.222	ND	0.232	104	75 - 125
Cobalt	0.556	ND	0.574	103	75 - 125
Copper	0.278	ND	0.314	113	75 - 125
Iron	1.11	1.00	2.04	93.1	75 - 125
Lead	0.556	ND	0.563	101	75 - 125
Magnesium	1.11	13.0	14.0	82.8	75 - 125
Manganese	0.556	0.167	0.754	106	75 - 125
Nickel	0.556	ND	0.575	104	75 - 125
Potassium	1.11	1.55	2.69	103	75 - 125
Silver	0.0556	ND	0.0558	100	75 - 125
Sodium	1.11	61.0	61.4	34.9 *	75 - 125
Vanadium	0.556	ND	0.571	103	75 - 125
Zinc	0.556	ND	0.596	107	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES

EPA 6010D

SWS-1

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: DT Consulting Services
Matrix: Water
Batch: BC41749
Preparation: EPA 3015A
Source Sample Name: SWS-1

SDG: 24C1134
Project: Willow Brook Rentals LLC
Laboratory ID: BC41749-DUP1
Lab Source ID: 24C1134-07
Initial/Final: 45 mL / 50 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Aluminum	20	0.0676		0.223		107	*	EPA 6010D
Barium	20	0.0346		0.0366		5.48		EPA 6010D
Calcium	20	53.7		54.0		0.594		EPA 6010D
Chromium	20	ND		ND				EPA 6010D
Cobalt	20	ND		ND				EPA 6010D
Copper	20	ND		ND				EPA 6010D
Iron	20	1.00		1.16		14.4		EPA 6010D
Lead	20	ND		ND				EPA 6010D
Magnesium	20	13.0		13.1		0.340		EPA 6010D
Manganese	20	0.167		0.171		2.35		EPA 6010D
Nickel	20	ND		ND				EPA 6010D
Potassium	20	1.55		1.61		4.05		EPA 6010D
Silver	20	ND		ND				EPA 6010D
Sodium	20	61.0		61.3		0.530		EPA 6010D
Vanadium	20	ND		ND				EPA 6010D
Zinc	20	ND		ND				EPA 6010D

* Values outside of QC limits

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Willow Brook Rentals, LLC
10-14 Tucker Drive
Poughkeepsie, NY 12603

SDG: 24D0867
3 Waters, 1 Trip Blank, and 1 Field Blank

Prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park, NY 12487
Attention: Deborah Thompson

May 2024

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
DT Consulting Services SDG 24D0867 – Willow Brook Rentals, LLC

The data associated with this Sample Delivery Group (SDG) 24D0867, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 5/20/2024

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Willow Brook Rentals, LLC 10-14 Tucker Drive Poughkeepsie, NY 12603 NYS DEC #: C314312
SAMPLING DATE:	April 11, 2024
SAMPLE TYPE:	3 waters, 1 trip blank, and 1 field blank
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	24D0867

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 5 samples collected on April 11, 2024. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, PFASs, Pesticides, PCBs, Metals, and Total Cyanide (TCN).

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 24D0867. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-11. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 24D0867, five samples were analyzed and results were reported for 879 analyses. Eighteen results were rejected. Even though some results were flagged with a "J" as estimated, all other results (98.0 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Note 1) The method (preparation) blank results for all ICP and ICP/MS Metals were not reported with methods 6010D and 6020B for all samples. Based on the raw data analysis, no data validation qualifiers were added. The laboratory should be advised to correct their ASP-B reports to conform to ASP-B protocol.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	1,4-Dioxane	R non-detects J detects	ICAL RF < 0.005	Since the results are non-detect, they are rejected
MW-10 Trip blank	Naphthalene	CRQL-U	Analyte detected in method blank	Data changed to non-detect
MW-9 MW-10	Styrene n-Butyl benzene	NJ detects	Q value < QC limits	Data tentatively identified and are estimated
MW-8 MW-9 MW-10 Trip Blank	1,2-Dichloroethane 1,3-Dichlorobenzene Acetone Acrolein Chloromethane Iodomethane n-Butyl benzene TBA Tetrachloroethene Vinyl acetate	UJ non-detects J detects	ICV % D and/or CCV % D > QC limit and/or LCS rec < QC limits	Data are estimated
Trip Blank	Chloroethane TAA	UJ non-detects J detects	CCV % D > QC limit	Data are estimated

Table 6-2 SVOCs – Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Caprolactum	R non-detects J detects	LCS rec = 0 %	Since the results are non-detect, they are rejected
MW-8 MW-9 MW-10	2,4-Dimethylphenol Hexachlorocyclopentadiene Pyridine	UJ non-detects J detects	ICV % D and /or CCV % D > QC limits.	Data are estimated
MW-8 MW-9	4-Nitrophenol Bis(2-chloroethyl)ether	R non-detects J detects	CCV % D > 90 %	Since the results are non-detect, they are rejected
MW-8 MW-9	2.4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Nitroaniline 3,3'-Dichlorobenzidine 3-Nitroaniline 4,6-Dinitro-2-methylphenol Bis(2-chloroisopropyl)ether	UJ non-detects J detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated
MW-10	Bis(2-chloroethyl)ether	R non-detects J detects	CCV % D > 90 %	Since the results are non-detect, they are rejected
MW-10	2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Methylphenol 3.3'-Dichlorobenzidine 4,6-Dinitro-2-methylphenol 4-Nitroaniline 4-Nitrohenol	UJ non-detects J detects	ICAL % RSD and/or ICV and/or CCV % D > QC limits.	Data are estimated

Table 6-3 SVOCs – SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-8 MW-9 MW-10	N-Nitrosodimethylamine	R non-detects J detects	LCS rec = 0 %	Since the results are non-detect, they are rejected
MW-8 MW-9 MW-10	Nitrobenzene	R non-detects J detects	CCV % D > 90 %	Since the results are non-detect, they are rejected
MW-8 MW-9 MW-10	Bis(2-ethylhexyl)phthalate Hexachlorobenzene Hexachlroethane Pentachlorophenol	UJ non-detects J detects	ICV % D > QC limits.	Data are estimated
MW-10	Naphthalene	J detects	Analyte detected in method blank	Data are estimated

Table 6-4 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-8 Field Blank	PFBA	UJ non-detects J detects	Sur rec < QC limit	Data are estimated
MW-8 MW-9 MW-10 Field Blank	PFMPA PFDoS PFHpA	UJ non-detects J detects	LCS rec < QC limit	Data are estimated
MW-9	PFBA PFHxA	UJ non-detects J detects	Int Std Area < QC limit	Data are estimated
MW-8 MW-9 MW-10 Field Blank	8:2 FTS 4:2 FTS 6:2 FTS	UJ non-detects J detects	Qual COD < 0.995	Data are estimated
MW-8 MW-9 MW-10	FHpPA FPrPA	UJ non-detects J detects	CCV % D > QC limit	Data are estimated
Field Blank	FHpPA PFDA	J detects UJ non-detect	CCV % D > QC limit	Data are estimated

Table 6-6 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-7 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-8 ICP/MS Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-9 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-10	K and Na	J+ detects	MS rec < QC limit	Data may be biased low
MW-8 MW-9 MW-10	Pb, K, Na, and Zn	J+ detects	CCV % D > QC limit	Data may be biased high
MW-8 MW-9 MW-10	Fe	UJ non-detects J- detects	CCV % D rec < QC limit	Data may be biased low
MW-8 MW-9 MW-10	Al	J+ detects	Interefernce check > QC limit	Data may be biased high

Table 6-10 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-11 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 05/15/2024
Client Project ID: Willow Brook Rentals LLC
York Project (SDG) No.: 24D0867

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Work Order Narrative

York Analytical Work Order No.: 24D0867

Client : DT Consulting Services

Client Project ID : Willow Brook Rentals LLC

Prepared for : Deborah Thompson

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 04/12/2024 1:20 PM

5 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{1.9}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
MW-8	24D0867-01	Water	04/11/2024 9:00 AM	04/12/2024 1:20 PM
MW-9	24D0867-02	Water	04/11/2024 10:20 AM	04/12/2024 1:20 PM
MW-10	24D0867-03	Water	04/11/2024 11:30 AM	04/12/2024 1:20 PM
Trip Blank	24D0867-04	Water	04/11/2024 3:00 PM	04/12/2024 1:20 PM
Field Blank	24D0867-05	Water	04/11/2024 11:30 AM	04/12/2024 1:20 PM

WorkOrder Comments

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
VOA	EPA 5030B	EPA 8260D
SVOA	EPA 3510C	EPA 8270D
SVOA	EPA 3510C	EPA 8270D SIM
SVOA	EPA 3535A	EPA 8270E SIM
PFAS	EPA 1633 Prep	EPA 1633 Draft 3
PEST	EPA 3550C	EPA 8081B
PEST	EPA SW846-3510C Low Level	EPA 8081B
ARO	EPA 3550C	EPA 8082A
ARO	EPA SW846-3510C Low Level	EPA 8082A
METALS	EPA 3015A	EPA 6010D
METALS	EPA 3015A	EPA 6020B
HG	EPA SW846-7470A	EPA 7470
WET	Analysis Preparation	SM 4500 CN C-2016 / E-20

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2400867

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: Willow Brook Rentals LLC

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X
- PFAS Standard is 7-10 Days

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

Deborah Thompson
Deborah Thompson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-8	GW	4/11/24 900	VOCs, SVOCs, TAL Metals, pest+PCBs, PFAs 1633, cyanide, 1,4 dioxane	40ml	3
MW-9		1020		1L 250ml	4
MW-10		1130		500ml 1L	2
Trip Blank	O	N/A	VOCs	40ml	2
Field Blank	I	1130	PFAs		

Comments: BCP Site No: C314132

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Deborah Thompson	4/12/24 10:20	Chain Custody	4-12-24 10:20	Chain Custody	4-12-24 1320
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 4/12/24 1320 Temperature 1.9 Degrees C

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: VOA

METHOD: EPA 8260D

DATA PACKAGE COVER PAGE

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-8	24D0867-01RE1
MW-9	24D0867-02
MW-9	24D0867-02RE1
MW-10	24D0867-03
Trip Blank	24D0867-04

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 5/13/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID: V854695.D

Sampled: 04/11/24 09:00 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 14:22

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	1.49		
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.650		
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.640		
107-06-2	1,2-Dichloroethane	1	0.500	U	UJ
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	UJ
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	3.58		
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	1.42	J	J
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	9.60		
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID: V854695.D

Sampled: 04/11/24 09:00 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 14:22

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	1.77		
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.390	J	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	6.83		
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.460	J	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	3.92	B	
104-51-8	n-Butylbenzene	1	0.440	J	J
103-65-1	n-Propylbenzene	1	3.53		
95-47-6	o-Xylene	1	0.660		
179601-23-1	p- & m- Xylenes	1	0.690	J	
105-05-5	p-Diethylbenzene	1	0.440	J	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.490	J	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	2.18		J
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	
110-57-6	trans-1,4-dichloro-2-butene	1	4.08		

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID: V854695.D

Sampled: 04/11/24 09:00 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 14:22

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.35	J

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.2	122	69 - 130	
SURR: Toluene-d8	10.0	8.94	89.4	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.3	103	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	212471	5.638	224440	5.638	
ISTD: Chlorobenzene-d5	755855	8.655	751149	8.649	
ISTD: 1,2-Dichlorobenzene-d4	269352	11.636	280283	11.636	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-01RE1	File ID:	V10C04047.D
Sampled:	04/11/24 09:00	Prepared:	04/18/24 08:00	Analyzed:	04/18/24 18:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BD41433	Sequence:	S4D1836	Calibration:	SD40032
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-90-7	Chlorobenzene	5	91.9	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.0	100	69 - 130	
SURR: Toluene-d8	10.0	9.86	98.6	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.74	97.4	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	369495	6.469	341123	6.469	
ISTD: Chlorobenzene-d5	1211027	9.537	1152028	9.534	
ISTD: 1,2-Dichlorobenzene-d4	333639	12.55	316970	12.55	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: V854696.D

Sampled: 04/11/24 10:20 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 14:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	1.51		
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	23.9		
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.280	J	
107-06-2	1,2-Dichloroethane	1	0.500	U	UJ
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	8.93		
541-73-1	1,3-Dichlorobenzene	1	0.500	U	UJ
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	3.42		
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	UJ
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: V854696.D

Sampled: 04/11/24 10:20 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 14:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	19.0		
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	30.5		
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	
98-82-8	Isopropylbenzene	1	3.23		UJ
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	1.27		
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.80	B	
104-51-8	n-Butylbenzene	1	4.96		NJ
103-65-1	n-Propylbenzene	1	7.01		
95-47-6	o-Xylene	1	16.0		
105-05-5	p-Diethylbenzene	1	1.76		
622-96-8	p-Ethyltoluene	1	15.5		
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.530		
100-42-5	Styrene	1	0.470	J	NJ
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	2.56		J
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.580		
108-88-3	Toluene	1	13.0		
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	
110-57-6	trans-1,4-dichloro-2-butene	1	4.97		

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: V854696.D

Sampled: 04/11/24 10:20 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 14:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
108-05-4	Vinyl acetate	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.4	124	69 - 130	
SURR: Toluene-d8	10.0	9.50	95.0	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.5	105	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	235620	5.638	224440	5.638	
ISTD: Chlorobenzene-d5	800235	8.655	751149	8.649	
ISTD: 1,2-Dichlorobenzene-d4	294849	11.63	280283	11.636	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24D0867

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24D0867-02RE1 | File ID: V10C04048.D

Sampled: 04/11/24 10:20 | Prepared: 04/18/24 08:00 | Analyzed: 04/18/24 19:18

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BD41433 | Sequence: S4D1836 | Calibration: SD40032 | Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
179601-23-1	p- & m- Xylenes	5	140	D
1330-20-7	Xylenes, Total	5	155	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.86	98.6	69 - 130	
SURR: Toluene-d8	10.0	9.99	99.9	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.1	101	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	364728	6.47	341123	6.469	
ISTD: Chlorobenzene-d5	1194419	9.534	1152028	9.534	
ISTD: 1,2-Dichlorobenzene-d4	313017	12.553	316970	12.55	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-03 File ID: V854697.D

Sampled: 04/11/24 11:30 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 15:19

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.430	J	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.53		
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	UJ
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	1.74		
541-73-1	1,3-Dichlorobenzene	1	0.500	U	UJ
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	1.06		
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	1.65	J	J
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-03 File ID: V854697.D

Sampled: 04/11/24 11:30 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 15:19

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	10.9		
75-00-3	Chloroethane	1	0.500	U	
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	24.0		
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.760		
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.330	J	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	2.00	U	
91-20-3	Naphthalene	1	2.00 UJ ~~0.420~~	JB	UJ
104-51-8	n-Butylbenzene	1	0.760		NJ
103-65-1	n-Propylbenzene	1	1.47		
95-47-6	o-Xylene	1	10.7		
179601-23-1	p- & m- Xylenes	1	93.5		
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	4.10		
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.330	J	NJ
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	3.01		
108-88-3	Toluene	1	21.3		
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-03 File ID: V854697.D

Sampled: 04/11/24 11:30 Prepared: 04/16/24 08:00 Analyzed: 04/16/24 15:19

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41230 Sequence: S4D1711 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	1.29		
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	UJ
75-01-4	Vinyl Chloride	1	0.500	U	
1330-20-7	Xylenes, Total	1	104		

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.4	124	69 - 130	
SURR: Toluene-d8	10.0	9.60	96.0	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	223514	5.638	224440	5.638	
ISTD: Chlorobenzene-d5	750772	8.655	751149	8.649	
ISTD: 1,2-Dichlorobenzene-d4	286085	11.636	280283	11.636	

* Values outside of QC limits

MKP 5/20/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 24D0867-04 File ID: V854688.D

Sampled: 04/11/24 15:00 Prepared: 04/15/24 03:00 Analyzed: 04/16/24 07:22

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41176 Sequence: S4D1617 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U	
71-55-6	1,1,1-Trichloroethane	1	0.500	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U	
79-00-5	1,1,2-Trichloroethane	1	0.500	U	
75-34-3	1,1-Dichloroethane	1	0.500	U	
75-35-4	1,1-Dichloroethylene	1	0.500	U	
563-58-6	1,1-Dichloropropylene	1	0.500	U	
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U	
96-18-4	1,2,3-Trichloropropane	1	0.500	U	
95-93-2	1,2,4,5-Tetramethylbenzene	1	0.500	U	
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U	
106-93-4	1,2-Dibromoethane	1	0.500	U	
95-50-1	1,2-Dichlorobenzene	1	0.500	U	
107-06-2	1,2-Dichloroethane	1	0.500	U	UJ
78-87-5	1,2-Dichloropropane	1	0.500	U	
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U	
541-73-1	1,3-Dichlorobenzene	1	0.500	U	UJ
142-28-9	1,3-Dichloropropane	1	0.500	U	
106-46-7	1,4-Dichlorobenzene	1	0.500	U	
123-91-1	1,4-Dioxane	1	~~80.0~~	U	R
594-20-7	2,2-Dichloropropane	1	0.500	U	
78-93-3	2-Butanone	1	0.500	U	
95-49-8	2-Chlorotoluene	1	0.500	U	
591-78-6	2-Hexanone	1	0.500	U	
106-43-4	4-Chlorotoluene	1	0.500	U	
108-10-1	4-Methyl-2-pentanone	1	0.500	U	
67-64-1	Acetone	1	2.00	U	UJ
107-02-8	Acrolein	1	0.500	U	UJ
107-13-1	Acrylonitrile	1	0.500	U	
71-43-2	Benzene	1	0.500	U	
108-86-1	Bromobenzene	1	0.500	U	
74-97-5	Bromochloromethane	1	0.500	U	
75-27-4	Bromodichloromethane	1	0.500	U	
75-25-2	Bromoform	1	0.500	U	
74-83-9	Bromomethane	1	0.500	U	UJ
75-15-0	Carbon disulfide	1	0.500	U	
56-23-5	Carbon tetrachloride	1	0.500	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Water Laboratory ID: 24D0867-04 File ID: V854688.D

Sampled: 04/11/24 15:00 Prepared: 04/15/24 03:00 Analyzed: 04/16/24 07:22

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BD41176 Sequence: S4D1617 Calibration: SC40057 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
108-90-7	Chlorobenzene	1	0.500	U	
75-00-3	Chloroethane	1	0.500	U	UJ
67-66-3	Chloroform	1	0.500	U	
74-87-3	Chloromethane	1	0.500	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U	
110-82-7	Cyclohexane	1	0.500	U	
124-48-1	Dibromochloromethane	1	0.500	U	
74-95-3	Dibromomethane	1	0.500	U	
75-71-8	Dichlorodifluoromethane	1	0.500	U	
108-20-3	Diisopropyl ether (DIPE)	1	0.800	U	
100-41-4	Ethyl Benzene	1	0.500	U	
637-92-3	Ethyl tert-butyl ether (ETBE)	1	0.800	U	
87-68-3	Hexachlorobutadiene	1	0.500	U	
74-88-4	Iodomethane	1	0.500	U	UJ
98-82-8	Isopropylbenzene	1	0.500	U	
79-20-9	Methyl acetate	1	0.500	U	
80-62-6	Methyl Methacrylate	1	0.500	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U	
108-87-2	Methylcyclohexane	1	0.500	U	
75-09-2	Methylene chloride	1	0.510	J	
91-20-3	Naphthalene	1	2.00 UJ 0.270	JB	UJ
104-51-8	n-Butylbenzene	1	0.500	U	UJ
103-65-1	n-Propylbenzene	1	0.500	U	
95-47-6	o-Xylene	1	0.500	U	
179601-23-1	p- & m- Xylenes	1	1.00	U	
105-05-5	p-Diethylbenzene	1	0.500	U	
622-96-8	p-Ethyltoluene	1	0.500	U	
99-87-6	p-Isopropyltoluene	1	0.500	U	
135-98-8	sec-Butylbenzene	1	0.500	U	
100-42-5	Styrene	1	0.500	U	
75-85-4	tert-Amyl alcohol (TAA)	1	8.00	U	UJ
994-05-8	tert-Amyl methyl ether (TAME)	1	0.800	U	
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U	UJ
98-06-6	tert-Butylbenzene	1	0.500	U	
127-18-4	Tetrachloroethylene	1	0.500	U	UJ
109-99-9	Tetrahydrofuran	1	0.500	U	
108-88-3	Toluene	1	0.500	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U	

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ORGANIC ANALYSIS DATA SHEET

EPA 8260D

Trip Blank

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24D0867

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Water | Laboratory ID: 24D0867-04 | File ID: V854688.D

Sampled: 04/11/24 15:00 | Prepared: 04/15/24 03:00 | Analyzed: 04/16/24 07:22

Solids: | Preparation: EPA 5030B | Initial/Final: 25 mL / 25 mL

Batch: BD41176 | Sequence: S4D1617 | Calibration: SC40057 | Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U	
79-01-6	Trichloroethylene	1	0.500	U	
75-69-4	Trichlorofluoromethane	1	0.500	U	
108-05-4	Vinyl acetate	1	0.500	U	UJ
75-01-4	Vinyl Chloride	1	0.500	U	
1330-20-7	Xylenes, Total	1	1.50	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.9	119	69 - 130	
SURR: Toluene-d8	10.0	9.62	96.2	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	219007	5.638	226013	5.638	
ISTD: Chlorobenzene-d5	740469	8.655	739238	8.655	
ISTD: 1,2-Dichlorobenzene-d4	283379	11.636	274167	11.63	

* Values outside of QC limits

MKP 5/20/2024

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: SVOA

METHOD: EPA 8270D

DATA PACKAGE COVER PAGE

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 5/13/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24D0867

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24D0867-01 | File ID: SV302644.D

Sampled: 04/11/24 09:00 | Prepared: 04/18/24 07:45 | Analyzed: 04/18/24 22:03

Solids: | Preparation: EPA 3510C | Initial/Final: 1000 mL / 1 mL

Batch: BD41412 | Sequence: S4D1906 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.00	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.00	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.00	U	
95-95-4	2,4,5-Trichlorophenol	1	5.00	U	
88-06-2	2,4,6-Trichlorophenol	1	5.00	U	
120-83-2	2,4-Dichlorophenol	1	5.00	U	
105-67-9	2,4-Dimethylphenol	1	5.00	U	UJ
51-28-5	2,4-Dinitrophenol	1	5.00	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.00	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.00	U	UJ
91-58-7	2-Chloronaphthalene	1	5.00	U	
95-57-8	2-Chlorophenol	1	5.00	U	
91-57-6	2-Methylnaphthalene	1	3.12	J	
95-48-7	2-Methylphenol	1	5.00	U	
88-74-4	2-Nitroaniline	1	5.00	U	UJ
88-75-5	2-Nitrophenol	1	5.00	U	
65794-96-9	3- & 4-Methylphenols	1	5.00	U	
91-94-1	3,3-Dichlorobenzidine	1	5.00	U	UJ
99-09-2	3-Nitroaniline	1	5.00	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.00	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.00	U	
59-50-7	4-Chloro-3-methylphenol	1	5.00	U	
106-47-8	4-Chloroaniline	1	5.00	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.00	U	
100-01-6	4-Nitroaniline	1	5.00	U	
100-02-7	4-Nitrophenol	1	~~5.00~~	U	R
98-86-2	Acetophenone	1	5.00	U	
100-52-7	Benzaldehyde	1	5.00	U	
85-68-7	Benzyl butyl phthalate	1	5.00	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.00	U	
111-44-4	Bis(2-chloroethyl)ether	1	~~5.00~~	U	R
108-60-1	Bis(2-chloroisopropyl)ether	1	5.00	U	UJ
105-60-2	Caprolactam	1	~~5.00~~	U	R
86-74-8	Carbazole	1	5.00	U	
132-64-9	Dibenzofuran	1	5.00	U	
84-66-2	Diethyl phthalate	1	5.00	U	
131-11-3	Dimethyl phthalate	1	5.00	U	
84-74-2	Di-n-butyl phthalate	1	5.00	U	
117-84-0	Di-n-octyl phthalate	1	5.00	U	
77-47-4	Hexachlorocyclopentadiene	1	10.0	U	UJ

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID: SV302644.D

Sampled: 04/11/24 09:00 Prepared: 04/18/24 07:45 Analyzed: 04/18/24 22:03

Solids: Preparation: EPA 3510C Initial/Final: 1000 mL / 1 mL

Batch: BD41412 Sequence: S4D1906 Calibration: SC40028 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.00	U
621-64-7	N-nitroso-di-n-propylamine	1	5.00	U
86-30-6	N-Nitrosodiphenylamine	1	5.00	U
108-95-2	Phenol	1	5.00	U
2312-35-8	Propargite	1	5.00	U
110-86-1	Pyridine	1	5.00	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	50.0	16.7	33.3	19.7 - 63.1	
SURR: Phenol-d6	50.0	9.60	19.2	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.0	23.6	94.5	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.0	20.2	81.0	39.9 - 105	
SURR: 2,4,6-Tribromophenol	50.0	60.9	122	39.3 - 151	
SURR: Terphenyl-d14	25.0	22.4	89.6	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	4218354	5.801	4001322	5.799	
ISTD: Naphthalene-d8	17759270	6.733	19412390	6.721	
ISTD: Acenaphthene-d10	11684000	8.393	11395210	8.39	
ISTD: Phenanthrene-d10	23092830	10.537	22312380	10.538	
ISTD: Chrysene-d12	25341180	16.084	23313600	16.087	
ISTD: Perylene-d12	31035220	19.204	24822610	19.207	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24D0867

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24D0867-02 | File ID: SV302645.D

Sampled: 04/11/24 10:20 | Prepared: 04/18/24 07:45 | Analyzed: 04/18/24 22:43

Solids: | Preparation: EPA 3510C | Initial/Final: 1000 mL / 1 mL

Batch: BD41412 | Sequence: S4D1906 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.00	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.00	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.00	U	
95-95-4	2,4,5-Trichlorophenol	1	5.00	U	
88-06-2	2,4,6-Trichlorophenol	1	5.00	U	
120-83-2	2,4-Dichlorophenol	1	5.00	U	
105-67-9	2,4-Dimethylphenol	1	5.00	U	UJ
51-28-5	2,4-Dinitrophenol	1	5.00	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.00	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.00	U	UJ
91-58-7	2-Chloronaphthalene	1	5.00	U	
95-57-8	2-Chlorophenol	1	5.00	U	
91-57-6	2-Methylnaphthalene	1	5.00	U	
95-48-7	2-Methylphenol	1	5.00	U	
88-74-4	2-Nitroaniline	1	5.00	U	UJ
88-75-5	2-Nitrophenol	1	5.00	U	
65794-96-9	3- & 4-Methylphenols	1	5.00	U	
91-94-1	3,3-Dichlorobenzidine	1	5.00	U	UJ
99-09-2	3-Nitroaniline	1	5.00	U	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1	5.00	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.00	U	
59-50-7	4-Chloro-3-methylphenol	1	5.00	U	
106-47-8	4-Chloroaniline	1	5.00	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.00	U	
100-01-6	4-Nitroaniline	1	5.00	U	
100-02-7	4-Nitrophenol	1	~~5.00~~	U	R
98-86-2	Acetophenone	1	5.00	U	
100-52-7	Benzaldehyde	1	5.00	U	
85-68-7	Benzyl butyl phthalate	1	5.00	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.00	U	
111-44-4	Bis(2-chloroethyl)ether	1	~~5.00~~	U	R
108-60-1	Bis(2-chloroisopropyl)ether	1	5.00	U	UJ
105-60-2	Caprolactam	1	~~5.00~~	U	R
86-74-8	Carbazole	1	5.00	U	
132-64-9	Dibenzofuran	1	5.00	U	
84-66-2	Diethyl phthalate	1	5.00	U	
131-11-3	Dimethyl phthalate	1	5.00	U	
84-74-2	Di-n-butyl phthalate	1	5.00	U	
117-84-0	Di-n-octyl phthalate	1	5.00	U	
77-47-4	Hexachlorocyclopentadiene	1	10.0	U	UJ

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: SV302645.D

Sampled: 04/11/24 10:20 Prepared: 04/18/24 07:45 Analyzed: 04/18/24 22:43

Solids: Preparation: EPA 3510C Initial/Final: 1000 mL / 1 mL

Batch: BD41412 Sequence: S4D1906 Calibration: SC40028 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.00	U
621-64-7	N-nitroso-di-n-propylamine	1	5.00	U
86-30-6	N-Nitrosodiphenylamine	1	5.00	U
108-95-2	Phenol	1	5.00	U
2312-35-8	Propargite	1	5.00	U
110-86-1	Pyridine	1	5.00	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	50.0	19.3	38.7	19.7 - 63.1	
SURR: Phenol-d6	50.0	7.93	15.9	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.0	27.6	110	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.0	20.2	80.9	39.9 - 105	
SURR: 2,4,6-Tribromophenol	50.0	62.2	124	39.3 - 151	
SURR: Terphenyl-d14	25.0	22.6	90.4	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	4271452	5.799	4001322	5.799	
ISTD: Naphthalene-d8	18400550	6.731	19412390	6.721	
ISTD: Acenaphthene-d10	12270430	8.391	11395210	8.39	
ISTD: Phenanthrene-d10	24177960	10.534	22312380	10.538	
ISTD: Chrysene-d12	26649710	16.081	23313600	16.087	
ISTD: Perylene-d12	31812070	19.204	24822610	19.207	

* Values outside of QC limits

MKP 5/20/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24D0867

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24D0867-03 | File ID: SV302663.D

Sampled: 04/11/24 11:30 | Prepared: 04/18/24 07:45 | Analyzed: 04/19/24 17:07

Solids: | Preparation: EPA 3510C | Initial/Final: 1000 mL / 1 mL

Batch: BD41412 | Sequence: S4D1925 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
92-52-4	1,1-Biphenyl	1	5.00	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.00	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.00	U	
95-95-4	2,4,5-Trichlorophenol	1	5.00	U	
88-06-2	2,4,6-Trichlorophenol	1	5.00	U	
120-83-2	2,4-Dichlorophenol	1	5.00	U	
105-67-9	2,4-Dimethylphenol	1	5.00	U	UJ
51-28-5	2,4-Dinitrophenol	1	5.00	U	UJ
121-14-2	2,4-Dinitrotoluene	1	5.00	U	UJ
606-20-2	2,6-Dinitrotoluene	1	5.00	U	UJ
91-58-7	2-Chloronaphthalene	1	5.00	U	
95-57-8	2-Chlorophenol	1	5.00	U	
91-57-6	2-Methylnaphthalene	1	5.00	U	
95-48-7	2-Methylphenol	1	5.00	U	UJ
88-74-4	2-Nitroaniline	1	5.00	U	
88-75-5	2-Nitrophenol	1	5.00	U	
65794-96-9	3- & 4-Methylphenols	1	5.00	U	
91-94-1	3,3-Dichlorobenzidine	1	5.00	U	UJ
99-09-2	3-Nitroaniline	1	5.00	U	
534-52-1	4,6-Dinitro-2-methylphenol	1	5.00	U	UJ
101-55-3	4-Bromophenyl phenyl ether	1	5.00	U	
59-50-7	4-Chloro-3-methylphenol	1	5.00	U	
106-47-8	4-Chloroaniline	1	5.00	U	
7005-72-3	4-Chlorophenyl phenyl ether	1	5.00	U	
100-01-6	4-Nitroaniline	1	5.00	U	UJ
100-02-7	4-Nitrophenol	1	5.00	U	UJ
98-86-2	Acetophenone	1	5.00	U	
100-52-7	Benzaldehyde	1	5.00	U	
85-68-7	Benzyl butyl phthalate	1	5.00	U	
111-91-1	Bis(2-chloroethoxy)methane	1	5.00	U	
111-44-4	Bis(2-chloroethyl)ether	1	~~5.00~~	U	R
108-60-1	Bis(2-chloroisopropyl)ether	1	5.00	U	
105-60-2	Caprolactam	1	~~5.00~~	U	R
86-74-8	Carbazole	1	5.00	U	
132-64-9	Dibenzofuran	1	5.00	U	
84-66-2	Diethyl phthalate	1	5.00	U	
131-11-3	Dimethyl phthalate	1	5.00	U	
84-74-2	Di-n-butyl phthalate	1	5.00	U	
117-84-0	Di-n-octyl phthalate	1	5.00	U	
77-47-4	Hexachlorocyclopentadiene	1	10.0	U	UJ

MKP 5/20/2024

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MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24D0867

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24D0867-03 | File ID: SV302663.D

Sampled: 04/11/24 11:30 | Prepared: 04/18/24 07:45 | Analyzed: 04/19/24 17:07

Solids: | Preparation: EPA 3510C | Initial/Final: 1000 mL / 1 mL

Batch: BD41412 | Sequence: S4D1925 | Calibration: SC40028 | Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
78-59-1	Isophorone	1	5.00	U
621-64-7	N-nitroso-di-n-propylamine	1	5.00	U
86-30-6	N-Nitrosodiphenylamine	1	5.00	U
108-95-2	Phenol	1	5.00	U
2312-35-8	Propargite	1	5.00	U
110-86-1	Pyridine	1	5.00	U

UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	50.0	13.1	26.3	19.7 - 63.1	
SURR: Phenol-d6	50.0	11.2	22.3	10.1 - 41.7	
SURR: Nitrobenzene-d5	25.0	25.8	103	50.2 - 113	
SURR: 2-Fluorobiphenyl	25.0	20.8	83.4	39.9 - 105	
SURR: 2,4,6-Tribromophenol	50.0	63.1	126	39.3 - 151	
SURR: Terphenyl-d14	25.0	23.6	94.2	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	2774934	5.802	3080117	5.798	
ISTD: Naphthalene-d8	11210570	6.752	14386230	6.72	
ISTD: Acenaphthene-d10	7584314	8.393	8705883	8.388	
ISTD: Phenanthrene-d10	15519210	10.533	17129750	10.533	
ISTD: Chrysene-d12	17822230	16.071	19698960	16.079	
ISTD: Perylene-d12	23938440	19.189	24387680	19.201	

* Values outside of QC limits

MKP 5/20/2024

York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
CLASS: SVOA
METHOD: EPA 8270D SIM

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 5/13/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford | SDG: 24D0867

Client: DT Consulting Services | Project: Willow Brook Rentals LLC

Matrix: Ground Water | Laboratory ID: 24D0867-01 | File ID: SV51912.D

Sampled: 04/11/24 09:00 | Prepared: 04/18/24 07:45 | Analyzed: 04/19/24 14:46

Solids: | Preparation: EPA 3510C | Initial/Final: 1000 mL / 1 mL

Batch: BD41412 | Sequence: S4D1928 | Calibration: SD40009 | Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	2.70		
208-96-8	Acenaphthylene	1	0.100		
120-12-7	Anthracene	1	0.140		
1912-24-9	Atrazine	1	0.500	U	
56-55-3	Benzo(a)anthracene	1	0.0500	U	
50-32-8	Benzo(a)pyrene	1	0.0500	U	
205-99-2	Benzo(b)fluoranthene	1	0.0500	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0500	U	
207-08-9	Benzo(k)fluoranthene	1	0.0500	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.680		J
218-01-9	Chrysene	1	0.0500	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0500	U	
206-44-0	Fluoranthene	1	0.0700		
86-73-7	Fluorene	1	1.48		
118-74-1	Hexachlorobenzene	1	0.0200	U	UJ
87-68-3	Hexachlorobutadiene	1	0.500	U	
67-72-1	Hexachloroethane	1	0.500	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0500	U	
91-20-3	Naphthalene	1	2.82	B	
98-95-3	Nitrobenzene	1	~~0.250~~	U	R
62-75-9	N-Nitrosodimethylamine	1	~~0.500~~	U	R
87-86-5	Pentachlorophenol	1	0.250	U	
85-01-8	Phenanthrene	1	1.08		
129-00-0	Pyrene	1	0.0600		

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	8547073	7.62	10585740	7.61	
ISTD: Naphthalene-d8	20008880	9.17	24525720	9.17	
ISTD: Acenaphthene-d10	11963110	11.54	12617740	11.54	
ISTD: Phenanthrene-d10	19564080	13.65	24572480	13.65	
ISTD: Chrysene-d12	18916440	17.44	17906410	17.45	
ISTD: Perylene-d12	21928420	19.34	19081660	19.34	

* Values outside of QC limits

MKP 5/20/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: SV51913.D

Sampled: 04/11/24 10:20 Prepared: 04/18/24 07:45 Analyzed: 04/19/24 15:17

Solids: Preparation: EPA 3510C Initial/Final: 1000 mL / 1 mL

Batch: BD41412 Sequence: S4D1928 Calibration: SD40009 Instrument: BNA #5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	2.50		
208-96-8	Acenaphthylene	1	0.0700		
120-12-7	Anthracene	1	0.100		
1912-24-9	Atrazine	1	0.500	U	
56-55-3	Benzo(a)anthracene	1	0.0500	U	
50-32-8	Benzo(a)pyrene	1	0.0500	U	
205-99-2	Benzo(b)fluoranthene	1	0.0500	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0500	U	
207-08-9	Benzo(k)fluoranthene	1	0.0500	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	1.97		J
218-01-9	Chrysene	1	0.0500	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0500	U	
206-44-0	Fluoranthene	1	0.0500	U	
86-73-7	Fluorene	1	1.03		
118-74-1	Hexachlorobenzene	1	0.0200	U	UJ
87-68-3	Hexachlorobutadiene	1	0.500	U	
67-72-1	Hexachloroethane	1	0.500	U	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0500	U	
91-20-3	Naphthalene	1	2.48	B	
98-95-3	Nitrobenzene	1	~~0.250~~	U	R
62-75-9	N-Nitrosodimethylamine	1	~~0.500~~	U	R
87-86-5	Pentachlorophenol	1	0.250	U	
85-01-8	Phenanthrene	1	0.220		
129-00-0	Pyrene	1	0.0500	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	8002187	7.63	10585740	7.61	
ISTD: Naphthalene-d8	18900820	9.17	24525720	9.17	
ISTD: Acenaphthene-d10	11302840	11.55	12617740	11.54	
ISTD: Phenanthrene-d10	19502110	13.66	24572480	13.65	
ISTD: Chrysene-d12	18136260	17.45	17906410	17.45	
ISTD: Perylene-d12	21723040	19.35	19081660	19.34	

* Values outside of QC limits

MKP 5/20/2024

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ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

MW-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-03	File ID:	SV51914.D
Sampled:	04/11/24 11:30	Prepared:	04/18/24 07:45	Analyzed:	04/19/24 15:48
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Batch:	BD41412	Sequence:	S4D1928	Calibration:	SD40009
Instrument:	BNA #5				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
83-32-9	Acenaphthene	1	0.780		
208-96-8	Acenaphthylene	1	0.0500	U	
120-12-7	Anthracene	1	0.0500		
1912-24-9	Atrazine	1	0.500	U	
56-55-3	Benzo(a)anthracene	1	0.0500	U	
50-32-8	Benzo(a)pyrene	1	0.0500	U	
205-99-2	Benzo(b)fluoranthene	1	0.0500	U	
191-24-2	Benzo(g,h,i)perylene	1	0.0500	U	
207-08-9	Benzo(k)fluoranthene	1	0.0500	U	
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.580		J
218-01-9	Chrysene	1	0.0500	U	
53-70-3	Dibenzo(a,h)anthracene	1	0.0500	U	
206-44-0	Fluoranthene	1	0.0500	U	
86-73-7	Fluorene	1	0.420		
118-74-1	Hexachlorobenzene	1	0.0200	U	UJ
87-68-3	Hexachlorobutadiene	1	0.500	U	
67-72-1	Hexachloroethane	1	0.500	U	
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0500	U	
91-20-3	Naphthalene	1	0.250	B	J
98-95-3	Nitrobenzene	1	~~0.250~~	U	R
62-75-9	N-Nitrosodimethylamine	1	~~0.500~~	U	R
87-86-5	Pentachlorophenol	1	0.250	U	UJ
85-01-8	Phenanthrene	1	0.150		
129-00-0	Pyrene	1	0.0500	U	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	6783667	7.62	10585740	7.61	
ISTD: Naphthalene-d8	16011800	9.17	24525720	9.17	
ISTD: Acenaphthene-d10	10529970	11.55	12617740	11.54	
ISTD: Phenanthrene-d10	17845200	13.65	24572480	13.65	
ISTD: Chrysene-d12	16366180	17.45	17906410	17.45	
ISTD: Perylene-d12	19616680	19.35	19081660	19.34	

* Values outside of QC limits

MKP 5/20/2024

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: SVOA

METHOD: EPA 8270E SIM

No data validation qualifiers were added

MKP 5/20/2024

DATA PACKAGE COVER PAGE

EPA 8270E SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 5/13/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270E SIM

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-01	File ID:	E800076161.D
Sampled:	04/11/24 09:00	Prepared:	04/15/24 09:23	Analyzed:	04/16/24 15:21
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BD41130	Sequence:	S4D1635	Calibration:	SC40048
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	1.78	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.12	52.9	36.6 - 118	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270E SIM

MW-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-02	File ID:	E800076162.D
Sampled:	04/11/24 10:20	Prepared:	04/15/24 09:23	Analyzed:	04/16/24 15:39
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BD41130	Sequence:	S4D1635	Calibration:	SC40048
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.304	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.27	56.7	36.6 - 118	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270E SIM

MW-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-03	File ID:	E800076163.D
Sampled:	04/11/24 11:30	Prepared:	04/15/24 09:23	Analyzed:	04/16/24 15:57
Solids:		Preparation:	EPA 3535A	Initial/Final:	125 mL / 2 mL
Batch:	BD41130	Sequence:	S4D1635	Calibration:	SC40048
Instrument:	MSBNA8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
123-91-1	1,4-Dioxane	1	0.300	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,4-Dioxane-d8	4.00	2.17	54.4	36.6 - 118	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
CLASS: PFAS
METHOD: EPA 1633 Draft 3

DATA PACKAGE COVER PAGE

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

Client: DT Consulting Services

Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03
Field Blank	24D0867-05

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 5/13/2024

Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-01	File ID:	QQQ38085.d
Sampled:	04/11/24 09:00	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 20:42
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	501.97 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022	Instrument:	LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	3.49		
307-24-4	Perfluorohexanoic acid (PFHxA)	1	7.17		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	3.51		J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	5.20		
335-67-1	Perfluorooctanoic acid (PFOA)	1	20.3		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	69.7		
375-95-1	Perfluorononanoic acid (PFNA)	1	1.47	J	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.99	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.99	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.99	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.99	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.99	U	
2355-31-9	N-MeFOSAA	1	1.86	J	
2991-50-6	N-EtFOSAA	1	18.8		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	5.65		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.99	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.55	J	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.92	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.57	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.65	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	24.4		J
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.55	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.98	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.98	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.98	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.35	J	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.47	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	7.97	U	
763051-92-9	11CL-PF3OUdS	1	7.53	U	
756426-58-1	9CL-PF3ONS	1	7.45	U	
919005-14-4	ADONA	1	7.53	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.93	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.91	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.98	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	24.9	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	24.9	U	UJ
24448-09-7	N-MeFOSE	1	19.9	U	
31506-32-8	N-MeFOSA	1	1.99	U	
1691-99-2	N-EtFOSE	1	19.9	U	
4151-50-2	N-EtFOSA	1	1.99	U	

MKP 5/20/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-01	File ID:	QQQ38085.d
Sampled:	04/11/24 09:00	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 20:42
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	501.97 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	23.2	25.0	108	25 - 150	
M5PFHxA	24.9	29.8	119	25 - 150	
M4PFHpA	24.9	36.4	146	25 - 150	
M3PFHxS	23.6	27.6	117	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.9	25.0	100	25 - 150	
M6PFDA	12.5	12.0	96.2	25 - 150	
M7PFUdA	12.5	10.3	82.4	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	9.47	76.1	25 - 150	
M2PFTeDA	12.5	6.93	55.6	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	99.6	15.6	15.7	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.9	27.4	115	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	49.8	63.2	127	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.9	21.3	85.6	10 - 150	
d3-N-MeFOSAA	49.8	35.9	72.1	25 - 150	
d5-N-EtFOSAA	49.8	28.4	57.1	25 - 150	
M2-6:2 FTS	47.4	214	452	25 - 200	*
M2-8:2 FTS	47.8	51.4	108	25 - 200	
M9PFNA	12.5	13.3	107	25 - 150	
M2-4:2 FTS	46.7	311	666	25 - 150	*
d-N-MeFOSA	24.9	17.8	71.6	25 - 150	
d-N-EtFOSA	24.9	11.9	47.9	25 - 150	
M3HFPO-DA	99.6	103	104	25 - 150	
d9-N-EtFOSE	249	122	48.8	25 - 150	
d7-N-MeFOSE	249	140	56.2	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	20409.3	1.197917	28099.07	1.225467	
MPFDA	5886.146	8.624666	8636.03	8.62465	
MPFHxA	17600.9	5.96495	32859.69	5.9742	
MPFHxS	2540.506	6.898567	3077.52	6.898567	
MPFNA	11590.1	8.096684	15026.66	8.0874	
MPFOA	26345.25	7.49275	37647.64	7.483483	
MPFOS	6636.091	8.132383	8501.72	8.132383	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3543.418	8.096316	4870.72	8.096316	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	23289.56	7.4831	29516.84	7.4831	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	65047.16	4.384717	107502.8	4.421484	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	17694.97	1.195633	145024	1.223167	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	9052.624	9.4571	13399.76	9.4571	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-01	File ID:	QQQ38085.d
Sampled:	04/11/24 09:00	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 20:42
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	501.97 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3078.121	8.13185	3838.402	8.13185	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7020.763	9.026816	10131.73	9.008284	
M7PFUdA-EIS	9804.311	9.069117	16208.04	9.069117	
M6PFDA-EIS	7731.877	8.624267	11848.9	8.624267	
M5PFHxA-EIS	34114.31	5.963767	53742.9	5.973	
M4PFHpA-EIS	7531.087	6.7982	15765.6	6.788417	
M3PFHxS-EIS	8808.411	6.899034	10338.28	6.899034	
M3PFBS-EIS	11197.19	5.1503	14724.92	5.159517	
M3-HFPO-DA-EIS	19848.92	6.2536	31426.87	6.272117	
M2PFTeDA-EIS	2155.779	10.08273	4739.159	10.09195	
M2-8-2FTS-EIS	26563.39	8.5864	35112.66	8.5864	
M2-6-2FTS-EIS	33799.81	7.41745	13295.08	7.41745	
M2-4-2FTS-EIS	56488.42	5.878817	14035.44	5.88805	
d9-NEtFOSE-EIS	1980.963	10.08538	3618.076	10.06693	
d7-NMeFOSE-EIS	4695.592	9.8369	7814.962	9.809216	
d5-NEtFOSA-EIS	316.7483	10.12578	665.4521	10.10733	
d5-N-EtFOSAA-EIS	9832.366	9.040067	20045.2	9.040067	
d3-NMeFOSA-EIS	779.5082	9.86825	959.5988	9.8498	
d3-N-MeFOSAA-EIS	14894.58	8.816767	22991.33	8.816767	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-02	File ID:	QQQ38086.d
Sampled:	04/11/24 10:20	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 20:58
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	525.64 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	3.63		
307-24-4	Perfluorohexanoic acid (PFHxA)	1	13.6		J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	12.4		J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	6.57		
335-67-1	Perfluorooctanoic acid (PFOA)	1	44.3		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	68.1		
375-95-1	Perfluorononanoic acid (PFNA)	1	2.38		
335-76-2	Perfluorodecanoic acid (PFDA)	1	0.880	J	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.90	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.90	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.90	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.90	U	
2355-31-9	N-MeFOSAA	1	0.799	J	
2991-50-6	N-EtFOSAA	1	11.6		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	13.5		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	0.905	J	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.72	J	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.84	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	3.45	J	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.31	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	25.5		J
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.39	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.80	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.80	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.80	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.36	J	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.13	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	7.61	U	
763051-92-9	11CL-PF3OUdS	1	7.19	U	
756426-58-1	9CL-PF3ONS	1	7.12	U	
919005-14-4	ADONA	1	7.19	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.85	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.83	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.76	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	13.0	J	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.8	U	UJ
24448-09-7	N-MeFOSE	1	19.0	U	
31506-32-8	N-MeFOSA	1	1.90	U	
1691-99-2	N-EtFOSE	1	19.0	U	
4151-50-2	N-EtFOSA	1	1.90	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-02	File ID:	QQQ38086.d
Sampled:	04/11/24 10:20	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 20:58
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	525.64 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.2	29.0	131	25 - 150	
M5PFHxA	23.8	32.3	136	25 - 150	
M4PFHpA	23.8	37.2	157	25 - 150	*
M3PFHxS	22.5	30.3	134	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.8	27.0	114	25 - 150	
M6PFDA	11.9	12.8	108	25 - 150	
M7PFUdA	11.9	10.9	91.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	9.55	80.4	25 - 150	
M2PFTeDA	11.9	6.00	50.5	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.1	66.5	69.9	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.8	32.4	142	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.6	66.8	140	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.8	19.7	82.8	10 - 150	
d3-N-MeFOSAA	47.6	35.4	74.4	25 - 150	
d5-N-EtFOSAA	47.6	31.8	66.8	25 - 150	
M2-6:2 FTS	45.2	282	623	25 - 200	*
M2-8:2 FTS	45.7	64.6	141	25 - 200	
M9PFNA	11.9	13.6	115	25 - 150	
M2-4:2 FTS	44.6	348	781	25 - 150	*
d-N-MeFOSA	23.8	16.6	69.9	25 - 150	
d-N-EtFOSA	23.8	11.8	49.4	25 - 150	
M3HFPO-DA	95.1	111	117	25 - 150	
d9-N-EtFOSE	238	116	48.6	25 - 150	
d7-N-MeFOSE	238	142	59.7	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	10870.06	1.179567	28099.07	1.225467	*
MPFDA	5201.466	8.62465	8636.03	8.62465	
MPFHxA	11387.57	5.955717	32859.69	5.9742	*
MPFHxS	1901.179	6.889317	3077.52	6.898567	
MPFNA	8970.827	8.096666	15026.66	8.0874	
MPFOA	19887.52	7.49275	37647.64	7.483483	
MPFOS	5498.169	8.132383	8501.72	8.132383	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	2950.259	8.096316	4870.72	8.096316	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	19897.98	7.492383	29516.84	7.4831	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	46569.5	4.34795	107502.8	4.421484	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	42033.93	1.177267	145024	1.223167	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8452.178	9.4571	13399.76	9.4571	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-02	File ID:	QQQ38086.d
Sampled:	04/11/24 10:20	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 20:58
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	525.64 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3156.609	8.13185	3838.402	8.13185	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	5622.891	9.026816	10131.73	9.008284	
M7PFUdA-EIS	9591.513	9.069117	16208.04	9.069117	
M6PFDA-EIS	7658.055	8.624267	11848.9	8.624267	
M5PFHxA-EIS	25103.45	5.954533	53742.9	5.973	
M4PFHpA-EIS	5218.477	6.788417	15765.6	6.788417	
M3PFHxS-EIS	7584.572	6.889783	10338.28	6.899034	
M3PFBS-EIS	10173.68	5.141067	14724.92	5.159517	
M3-HFPO-DA-EIS	14466.94	6.2536	31426.87	6.272117	
M2PFTeDA-EIS	1728.172	10.08273	4739.159	10.09195	
M2-8-2FTS-EIS	26123.74	8.577133	35112.66	8.5864	
M2-6-2FTS-EIS	34870.55	7.41745	13295.08	7.41745	
M2-4-2FTS-EIS	49529.38	5.878817	14035.44	5.88805	
d9-NEtFOSE-EIS	1636.05	10.08538	3618.076	10.06693	
d7-NMeFOSE-EIS	4117.949	9.8369	7814.962	9.809216	
d5-NEtFOSA-EIS	267.2968	10.12578	665.4521	10.10733	
d5-N-EtFOSAA-EIS	9527.391	9.040067	20045.2	9.040067	
d3-NMeFOSA-EIS	630.8307	9.86825	959.5988	9.8498	
d3-N-MeFOSAA-EIS	12722.01	8.816767	22991.33	8.816767	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-03	File ID:	QQQ38087.d
Sampled:	04/11/24 11:30	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 21:14
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	488.05 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	0.913	J	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	19.2		
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	7.52		J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	3.73		
335-67-1	Perfluorooctanoic acid (PFOA)	1	29.7		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	48.1		
375-95-1	Perfluorononanoic acid (PFNA)	1	3.06		
335-76-2	Perfluorodecanoic acid (PFDA)	1	2.05	U	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	2.05	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	2.05	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	2.05	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	2.05	U	
2355-31-9	N-MeFOSAA	1	1.27	J	
2991-50-6	N-EtFOSAA	1	13.5		
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	19.8		
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.00	J	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.82	J	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.98	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.79	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.87	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	16.8		
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.65	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	4.10	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	4.10	U	UJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	4.10	U	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	0.781	J	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.68	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	8.20	U	
763051-92-9	11CL-PF3OUdS	1	7.75	U	
756426-58-1	9CL-PF3ONS	1	7.66	U	
919005-14-4	ADONA	1	7.75	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.99	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.97	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	5.12	U	UJ
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	25.6	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	25.6	U	UJ
24448-09-7	N-MeFOSE	1	20.5	U	
31506-32-8	N-MeFOSA	1	2.05	U	
1691-99-2	N-EtFOSE	1	20.5	U	
4151-50-2	N-EtFOSA	1	2.05	U	

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-03	File ID:	QQQ38087.d
Sampled:	04/11/24 11:30	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 21:14
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	488.05 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	23.9	25.6	107	25 - 150	
M5PFHxA	25.6	30.3	118	25 - 150	
M4PFHpA	25.6	39.1	153	25 - 150	*
M3PFHxS	24.3	27.0	111	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.6	25.0	97.4	25 - 150	
M6PFDA	12.8	13.1	102	25 - 150	
M7PFUdA	12.8	11.2	87.1	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.8	8.83	69.0	25 - 150	
M2PFTeDA	12.8	4.90	38.2	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	102	65.6	64.1	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.5	32.6	133	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	51.2	67.9	133	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.6	23.4	91.3	10 - 150	
d3-N-MeFOSAA	51.2	37.7	73.7	25 - 150	
d5-N-EtFOSAA	51.2	33.8	66.0	25 - 150	
M2-6:2 FTS	48.7	214	440	25 - 200	*
M2-8:2 FTS	49.2	51.7	105	25 - 200	
M9PFNA	12.8	12.8	99.7	25 - 150	
M2-4:2 FTS	48.0	295	615	25 - 150	*
d-N-MeFOSA	25.6	16.5	64.6	25 - 150	
d-N-EtFOSA	25.6	13.2	51.6	25 - 150	
M3HFPO-DA	102	100	97.6	25 - 150	
d9-N-EtFOSE	256	130	50.9	25 - 150	
d7-N-MeFOSE	256	140	54.7	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	17079.84	1.179567	28099.07	1.225467	
MPFDA	5819.133	8.62465	8636.03	8.62465	
MPFHxA	16485.26	5.955717	32859.69	5.9742	
MPFHxS	2539.224	6.898567	3077.52	6.898567	
MPFNA	10721.43	8.10595	15026.66	8.0874	
MPFOA	25512.01	7.49275	37647.64	7.483483	
MPFOS	6058.253	8.14165	8501.72	8.132383	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3067.335	8.1056	4870.72	8.096316	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	21888.53	7.492383	29516.84	7.4831	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	63623.29	4.366333	107502.8	4.421484	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	60520.58	1.177267	145024	1.223167	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8117.271	9.44785	13399.76	9.4571	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-03	File ID:	QQQ38087.d
Sampled:	04/11/24 11:30	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 21:14
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	488.05 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	3247.568	8.141117	3838.402	8.13185	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	6838.843	9.026816	10131.73	9.008284	
M7PFUdA-EIS	10249.25	9.05985	16208.04	9.069117	
M6PFDA-EIS	8128.448	8.624267	11848.9	8.624267	
M5PFHxA-EIS	31607.22	5.954533	53742.9	5.973	
M4PFHpA-EIS	7390.383	6.7982	15765.6	6.788417	
M3PFHxS-EIS	8379.528	6.899034	10338.28	6.899034	
M3PFBS-EIS	11141.29	5.1503	14724.92	5.159517	
M3-HFPO-DA-EIS	17522.92	6.2536	31426.87	6.272117	
M2PFTeDA-EIS	1463.999	10.08273	4739.159	10.09195	
M2-8-2FTS-EIS	25968.13	8.5864	35112.66	8.5864	
M2-6-2FTS-EIS	32863.96	7.426717	13295.08	7.41745	
M2-4-2FTS-EIS	52113.02	5.878817	14035.44	5.88805	
d9-NEtFOSE-EIS	1884.964	10.08538	3618.076	10.06693	
d7-NMeFOSE-EIS	4159.114	9.8369	7814.962	9.809216	
d5-NEtFOSA-EIS	297.0994	10.12578	665.4521	10.10733	
d5-N-EtFOSAA-EIS	10370.24	9.040067	20045.2	9.040067	
d3-NMeFOSA-EIS	640.2266	9.86825	959.5988	9.8498	
d3-N-MeFOSAA-EIS	13883.72	8.816767	22991.33	8.816767	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-05	File ID:	QQQ38090.d
Sampled:	04/11/24 11:30	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 22:03
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	527.86 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022	Instrument:	LCQQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.68	U	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	1.89	U	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.89	U	UJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.73	U	
335-67-1	Perfluorooctanoic acid (PFOA)	1	1.89	U	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	1.76	U	
375-95-1	Perfluorononanoic acid (PFNA)	1	1.89	U	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.89	U	UJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.89	U	
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.89	U	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.89	U	
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.89	U	
2355-31-9	N-MeFOSAA	1	1.89	U	
2991-50-6	N-EtFOSAA	1	1.89	U	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	3.79	U	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.89	U	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.81	U	
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.83	U	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.20	U	UJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.27	U	UJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	0.541	J	J
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.37	U	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1	3.79	U	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.79	U	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.79	U	UJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.78	U	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.10	U	UJ
13252-13-6	HFPO-DA (Gen-X)	1	7.58	U	
763051-92-9	11CL-PF3OUdS	1	7.16	U	
756426-58-1	9CL-PF3ONS	1	7.09	U	
919005-14-4	ADONA	1	7.16	U	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.84	U	UJ
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.82	U	
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.74	U	
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	23.7	U	
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	23.7	U	UJ
24448-09-7	N-MeFOSE	1	18.9	U	
31506-32-8	N-MeFOSA	1	1.89	U	
1691-99-2	N-EtFOSE	1	18.9	U	
4151-50-2	N-EtFOSA	1	1.89	U	

MKP 5/20/2024

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-05	File ID:	QQQ38090.d
Sampled:	04/11/24 11:30	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 22:03
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	527.86 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.1	24.7	112	25 - 150	
M5PFHxA	23.7	22.4	94.4	25 - 150	
M4PFHpA	23.7	39.2	166	25 - 150	*
M3PFHxS	22.4	25.2	112	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.7	19.8	83.8	25 - 150	
M6PFDA	11.8	11.4	96.6	25 - 150	
M7PFUdA	11.8	9.74	82.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	6.79	57.3	25 - 150	
M2PFTeDA	11.8	5.49	46.3	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.7	3.28	3.46	25 - 150	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.7	22.0	97.1	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.4	24.2	51.1	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.7	21.2	89.6	10 - 150	
d3-N-MeFOSAA	47.4	39.6	83.6	25 - 150	
d5-N-EtFOSAA	47.4	33.1	69.9	25 - 150	
M2-6:2 FTS	45.0	62.1	138	25 - 200	
M2-8:2 FTS	45.5	48.6	107	25 - 200	
M9PFNA	11.8	10.7	90.1	25 - 150	
M2-4:2 FTS	44.4	51.4	116	25 - 150	
d-N-MeFOSA	23.7	16.9	71.6	25 - 150	
d-N-EtFOSA	23.7	13.7	57.8	25 - 150	
M3HFPO-DA	94.7	85.7	90.4	25 - 150	
d9-N-EtFOSE	237	111	46.7	25 - 150	
d7-N-MeFOSE	237	120	50.5	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	20410.33	1.188733	26507.02	1.225467	
MPFDA	7322.806	8.62465	9641.947	8.633933	
MPFHxA	25416.31	5.9742	31842.75	5.9742	
MPFHxS	2325.634	6.898567	3264.076	6.907817	
MPFNA	13905.74	8.096684	16422.22	8.10595	
MPFOA	31577.37	7.49275	39758.28	7.502033	
MPFOS	6769.574	8.132383	8863.266	8.14165	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	3593.047	8.096316	4990.373	8.1056	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	23288.32	7.492383	30629.58	7.50165	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	37824.92	4.393917	106901	4.421484	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	4009.472	1.18645	138788.6	1.223167	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	8486.752	9.44785	14439.88	9.4571	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

Field Blank

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-05	File ID:	QQQ38090.d
Sampled:	04/11/24 11:30	Prepared:	04/19/24 09:26	Analyzed:	04/21/24 22:03
Solids:		Preparation:	EPA 1633 Prep	Initial/Final:	527.86 mL / 5 mL
Batch:	BD41531	Sequence:	S4D2262	Calibration:	SD40022
Instrument:	LCQQQ				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2650.418	8.13185	4056.123	8.141117	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	7498.059	9.026816	10240.65	9.036067	
M7PFUdA-EIS	12171.4	9.069117	17706.6	9.078383	
M6PFDA-EIS	9665.62	8.624267	12516.64	8.633533	
M5PFHxA-EIS	38923.5	5.973	53587.7	5.973	
M4PFHpA-EIS	12317.16	6.7982	16248.71	6.7982	
M3PFHxS-EIS	7726.678	6.908283	10571.18	6.908283	
M3PFBS-EIS	10660.95	5.16875	15365.81	5.177967	
M3-HFPO-DA-EIS	25044.65	6.272117	36114.16	6.272117	
M2PFTeDA-EIS	2233.867	10.08273	5838.782	10.09195	
M2-8-2FTS-EIS	24173.38	8.5864	39473.91	8.5864	
M2-6-2FTS-EIS	9438.971	7.41745	16268.22	7.435983	
M2-4-2FTS-EIS	8982.894	5.8973	14373.65	5.8973	
d9-NEtFOSE-EIS	1933.598	10.08538	4385.726	10.08538	
d7-NMeFOSE-EIS	4294	9.8369	8476.898	9.8369	
d5-NEtFOSA-EIS	385.0126	10.12578	761.5688	10.135	
d5-N-EtFOSAA-EIS	12284.44	9.040067	19942.58	9.049334	
d3-NMeFOSA-EIS	795.1619	9.86825	1309.795	9.86825	
d3-N-MeFOSAA-EIS	17608.98	8.816767	25904.9	8.816767	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: PEST

METHOD: EPA 8081B

No data validation qualifiers were added

MKP 5/20/2024

DATA PACKAGE COVER PAGE

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867

Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 5/14/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-01	File ID:	P7025777.D
Sampled:	04/11/24 09:00	Prepared:	04/18/24 07:40	Analyzed:	04/19/24 18:47
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	990 mL / 1 mL
Batch:	BD41426	Sequence:	S4D1939	Calibration:	SD40029
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00404	U
72-55-9	4,4'-DDE	1	0.00404	U
50-29-3	4,4'-DDT	1	0.00404	U
309-00-2	Aldrin	1	0.00404	U
319-84-6	alpha-BHC	1	0.00404	U
5103-71-9	alpha-Chlordane	1	0.00404	U
319-85-7	beta-BHC	1	0.00404	U
319-86-8	delta-BHC	1	0.00404	U
60-57-1	Dieldrin	1	0.00202	U
959-98-8	Endosulfan I	1	0.00404	U
33213-65-9	Endosulfan II	1	0.00404	U
1031-07-8	Endosulfan sulfate	1	0.00404	U
72-20-8	Endrin	1	0.00404	U
7421-93-4	Endrin aldehyde	1	0.0101	U
53494-70-5	Endrin ketone	1	0.0101	U
58-89-9	gamma-BHC (Lindane)	1	0.00404	U
5566-34-7	gamma-Chlordane	1	0.0101	U
76-44-8	Heptachlor	1	0.00404	U
1024-57-3	Heptachlor epoxide	1	0.00404	U
72-43-5	Methoxychlor	1	0.00404	U
8001-35-2	Toxaphene	1	0.101	U
57-74-9	Chlordane, total	1	0.202	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.202	0.116	57.5	30 - 150	
Tetrachloro-m-xylene	0.202	0.0971	48.1	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-02	File ID:	P7025778.D
Sampled:	04/11/24 10:20	Prepared:	04/18/24 07:40	Analyzed:	04/19/24 19:05
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BD41426	Sequence:	S4D1939	Calibration:	SD40029
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00400	U
72-55-9	4,4'-DDE	1	0.00400	U
50-29-3	4,4'-DDT	1	0.00400	U
309-00-2	Aldrin	1	0.00400	U
319-84-6	alpha-BHC	1	0.00400	U
5103-71-9	alpha-Chlordane	1	0.00400	U
319-85-7	beta-BHC	1	0.00400	U
319-86-8	delta-BHC	1	0.00400	U
60-57-1	Dieldrin	1	0.00200	U
959-98-8	Endosulfan I	1	0.00400	U
33213-65-9	Endosulfan II	1	0.00400	U
1031-07-8	Endosulfan sulfate	1	0.00400	U
72-20-8	Endrin	1	0.00400	U
7421-93-4	Endrin aldehyde	1	0.0100	U
53494-70-5	Endrin ketone	1	0.0100	U
58-89-9	gamma-BHC (Lindane)	1	0.00400	U
5566-34-7	gamma-Chlordane	1	0.0100	U
76-44-8	Heptachlor	1	0.00400	U
1024-57-3	Heptachlor epoxide	1	0.00400	U
72-43-5	Methoxychlor	1	0.00400	U
8001-35-2	Toxaphene	1	0.100	U
57-74-9	Chlordane, total	1	0.200	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.200	0.0723	36.1	30 - 150	
Tetrachloro-m-xylene	0.200	0.106	53.2	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

MW-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-03	File ID:	P7025779.D
Sampled:	04/11/24 11:30	Prepared:	04/18/24 07:40	Analyzed:	04/19/24 19:23
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	925 mL / 1 mL
Batch:	BD41426	Sequence:	S4D1939	Calibration:	SD40029
Instrument:	PEST7				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00432	U
72-55-9	4,4'-DDE	1	0.00432	U
50-29-3	4,4'-DDT	1	0.00432	U
309-00-2	Aldrin	1	0.00432	U
319-84-6	alpha-BHC	1	0.00432	U
5103-71-9	alpha-Chlordane	1	0.00432	U
319-85-7	beta-BHC	1	0.00432	U
319-86-8	delta-BHC	1	0.00432	U
60-57-1	Dieldrin	1	0.00216	U
959-98-8	Endosulfan I	1	0.00432	U
33213-65-9	Endosulfan II	1	0.00432	U
1031-07-8	Endosulfan sulfate	1	0.00432	U
72-20-8	Endrin	1	0.00432	U
7421-93-4	Endrin aldehyde	1	0.0108	U
53494-70-5	Endrin ketone	1	0.0108	U
58-89-9	gamma-BHC (Lindane)	1	0.00432	U
5566-34-7	gamma-Chlordane	1	0.0108	U
76-44-8	Heptachlor	1	0.00432	U
1024-57-3	Heptachlor epoxide	1	0.00432	U
72-43-5	Methoxychlor	1	0.00432	U
8001-35-2	Toxaphene	1	0.108	U
57-74-9	Chlordane, total	1	0.216	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.216	0.135	62.6	30 - 150	
Tetrachloro-m-xylene	0.216	0.126	58.2	30 - 150	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: ARO

METHOD: EPA 8082A

No data validation qualifiers were added

MKP 5/20/2024

DATA PACKAGE COVER PAGE

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867

Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 5/14/2024
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-8

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-01	File ID:	P1143852.D
Sampled:	04/11/24 09:00	Prepared:	04/18/24 07:40	Analyzed:	04/19/24 20:49
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	990 mL / 1 mL
Batch:	BD41426	Sequence:	S4D2252	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0505	U
11104-28-2	Aroclor 1221	1	0.0505	U
11141-16-5	Aroclor 1232	1	0.116	
53469-21-9	Aroclor 1242	1	0.0505	U
12672-29-6	Aroclor 1248	1	0.0505	U
11097-69-1	Aroclor 1254	1	0.0505	U
11096-82-5	Aroclor 1260	1	0.0505	U
1336-36-3	Total PCBs	1	0.116	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.202	0.0990	49.0	30 - 120	
Decachlorobiphenyl	0.202	0.101	50.0	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-9

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-02	File ID:	P1143853.D
Sampled:	04/11/24 10:20	Prepared:	04/18/24 07:40	Analyzed:	04/19/24 21:15
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BD41426	Sequence:	S4D2252	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0500	U
11104-28-2	Aroclor 1221	1	0.0500	U
11141-16-5	Aroclor 1232	1	0.121	
53469-21-9	Aroclor 1242	1	0.0500	U
12672-29-6	Aroclor 1248	1	0.0500	U
11097-69-1	Aroclor 1254	1	0.0500	U
11096-82-5	Aroclor 1260	1	0.0500	U
1336-36-3	Total PCBs	1	0.121	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.200	0.116	58.0	30 - 120	
Decachlorobiphenyl	0.200	0.0770	38.5	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

MW-10

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Ground Water	Laboratory ID:	24D0867-03	File ID:	P1143854.D
Sampled:	04/11/24 11:30	Prepared:	04/18/24 07:40	Analyzed:	04/19/24 21:28
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	925 mL / 1 mL
Batch:	BD41426	Sequence:	S4D2252	Calibration:	SC40045
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0541	U
11104-28-2	Aroclor 1221	1	0.0541	U
11141-16-5	Aroclor 1232	1	0.556	
53469-21-9	Aroclor 1242	1	0.0541	U
12672-29-6	Aroclor 1248	1	0.0541	U
11097-69-1	Aroclor 1254	1	0.0541	U
11096-82-5	Aroclor 1260	1	0.0541	U
1336-36-3	Total PCBs	1	0.556	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.216	0.133	61.5	30 - 120	
Decachlorobiphenyl	0.216	0.158	73.0	30 - 120	

* Values outside of QC limits

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: METALS

METHOD: EPA 6020B

No data validation qualifiers were added

MKP 5/20/2024

DATA PACKAGE COVER PAGE

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

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Signature:
Name: Cassie L. Mosher

Date: 5/15/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID: QBIMX042224A-042

Sampled: 04/11/24 09:00 Prepared: 04/19/24 08:33 Analyzed: 04/22/24 13:12

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BD41518 Sequence: S4D2237 Calibration: 04/22/24 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	2.40	1		EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7782-49-2	Selenium	1.11	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: QBIMX042224A-043

Sampled: 04/11/24 10:20 Prepared: 04/19/24 08:33 Analyzed: 04/22/24 13:16

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BD41518 Sequence: S4D2237 Calibration: 04/22/24 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	1.53	1		EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7782-49-2	Selenium	1.11	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6020B

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-03 File ID: QBIMX042224A-044

Sampled: 04/11/24 11:30 Prepared: 04/19/24 08:33 Analyzed: 04/22/24 13:19

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BD41518 Sequence: S4D2237 Calibration: 04/22/24 1 Instrument: Nexion2000C

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	1.11	1	U	EPA 6020B
7440-38-2	Arsenic	6.39	1		EPA 6020B
7440-41-7	Beryllium	0.333	1	U	EPA 6020B
7440-43-9	Cadmium	0.556	1	U	EPA 6020B
7782-49-2	Selenium	1.11	1	U	EPA 6020B
7440-28-0	Thallium	1.11	1	U	EPA 6020B

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: METALS

METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867

Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

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Signature:
Name: Cassie L. Mosher

Date: 5/15/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID: QBICP2-042024ARE_1-130

Sampled: 04/11/24 09:00 Prepared: 04/18/24 08:31 Analyzed: 04/20/24 19:29

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BD41421 Sequence: S4D2209 Calibration: 04/20/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.130	1		EPA 6010D	J+
7440-39-3	Barium	0.396	1		EPA 6010D	
7440-70-2	Calcium	138	1		EPA 6010D	
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	
7439-89-6	Iron	25.8	1		EPA 6010D	J-
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	29.9	1		EPA 6010D	
7439-96-5	Manganese	0.954	1		EPA 6010D	
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	4.64	1		EPA 6010D	J+
7440-22-4	Silver	0.00556	1	U	EPA 6010D	
7440-23-5	Sodium	101	1		EPA 6010D	J+
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	
7440-66-6	Zinc	0.0343	1		EPA 6010D	J+

MKP 5/20/2024

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: QBICP2-042024ARE_1-131

Sampled: 04/11/24 10:20 Prepared: 04/18/24 08:31 Analyzed: 04/20/24 19:33

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BD41421 Sequence: S4D2209 Calibration: 04/20/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.0680	1		EPA 6010D	J+
7440-39-3	Barium	0.432	1		EPA 6010D	
7440-70-2	Calcium	98.8	1		EPA 6010D	
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	
7439-89-6	Iron	47.0	1		EPA 6010D	J-
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	36.1	1		EPA 6010D	
7439-96-5	Manganese	0.933	1		EPA 6010D	
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	9.98	1		EPA 6010D	J+
7440-22-4	Silver	0.00556	1	U	EPA 6010D	
7440-23-5	Sodium	223	1		EPA 6010D	J+
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	
7440-66-6	Zinc	0.0316	1		EPA 6010D	J+

MKP 5/20/2024

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-03 File ID: QBICP2-042024ARE_1-134

Sampled: 04/11/24 11:30 Prepared: 04/19/24 08:26 Analyzed: 04/20/24 19:42

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BD41517 Sequence: S4D2219 Calibration: 04/20/24 1 Instrument: AvioICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method	
7429-90-5	Aluminum	0.101	1		EPA 6010D	J+
7440-39-3	Barium	0.341	1		EPA 6010D	
7440-70-2	Calcium	110	1		EPA 6010D	
7440-47-3	Chromium	0.00556	1	U	EPA 6010D	
7440-48-4	Cobalt	0.00444	1	U	EPA 6010D	
7440-50-8	Copper	0.0222	1	U	EPA 6010D	
7439-89-6	Iron	38.6	1		EPA 6010D	J-
7439-92-1	Lead	0.00556	1	U	EPA 6010D	
7439-95-4	Magnesium	32.1	1		EPA 6010D	
7439-96-5	Manganese	1.36	1		EPA 6010D	
7440-02-0	Nickel	0.0111	1	U	EPA 6010D	
7440-09-7	Potassium	5.82	1		EPA 6010D	J+
7440-22-4	Silver	0.00556	1	U	EPA 6010D	
7440-23-5	Sodium	121	1	B	EPA 6010D	J+
7440-62-2	Vanadium	0.0111	1	U	EPA 6010D	
7440-66-6	Zinc	0.0278	1	U	EPA 6010D	

MKP 5/20/2024

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: HG

METHOD: EPA 7470

No data validation qualifiers were added

MKP 5/20/2024

DATA PACKAGE COVER PAGE

EPA 7470

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

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Signature:
Name: Cassie L. Mosher

Date: 5/15/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID: QBHg04222024A-006

Sampled: 04/11/24 09:00 Prepared: 04/22/24 08:20 Analyzed: 04/22/24 08:20

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BD41627 Sequence: Calibration: 04/22/24 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID: QBHg04222024A-007

Sampled: 04/11/24 10:20 Prepared: 04/22/24 08:20 Analyzed: 04/22/24 08:20

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BD41627 Sequence: Calibration: 04/22/24 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-03 File ID: QBHg04222024A-008

Sampled: 04/11/24 11:30 Prepared: 04/22/24 08:20 Analyzed: 04/22/24 08:20

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BD41627 Sequence: Calibration: 04/22/24 0 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

York Analytical Laboratories, Inc. - Stratford

SDG: 24D0867

CLASS: WET

METHOD: SM 4500 CN C-2016 / E-2016

No data validation qualifiers were added

MKP 5/20/2024

DATA PACKAGE COVER PAGE

SM 4500 CN C-2016 / E-2016

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867

Client: DT Consulting Services
Project: Willow Brook Rentals LLC

Client Sample Id:	Lab Sample Id:
MW-8	24D0867-01
MW-9	24D0867-02
MW-10	24D0867-03

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Signature:
Name: Cassie L. Mosher

Date: 5/13/2024
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

MW-8

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-01 File ID:

Sampled: 04/11/24 09:00 Prepared: 04/17/24 14:43 Analyzed: 04/17/24 17:26

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BD41372 Sequence: Calibration: 04/17/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

MW-9

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-02 File ID:

Sampled: 04/11/24 10:20 Prepared: 04/17/24 14:43 Analyzed: 04/17/24 17:26

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BD41372 Sequence: Calibration: 04/17/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 4500 CN C-2016 / E-2016

MW-10

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24D0867

Client: DT Consulting Services Project: Willow Brook Rentals LLC

Matrix: Ground Water Laboratory ID: 24D0867-03 File ID:

Sampled: 04/11/24 11:30 Prepared: 04/17/24 14:43 Analyzed: 04/17/24 17:26

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 50 mL / 50 mL

Batch: BD41372 Sequence: Calibration: 04/17/24 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
57-12-5	Cyanide, total	0.0100	1	U	SM 4500 CN C-2016 / E-2016

Appendix B

Laboratory QC Documentation

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41176	Laboratory ID:	BD41176-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Acrolein	10.0	7.39	73.9	10 - 153
Acrylonitrile	10.0	10.1	101	51 - 150
Benzene	10.0	9.92	99.2	85 - 126
Bromobenzene	10.0	9.81	98.1	78 - 129
Bromochloromethane	10.0	11.2	112	77 - 128
Bromodichloromethane	10.0	10.7	107	79 - 128
Bromoform	10.0	9.47	94.7	78 - 133
Bromomethane	10.0	6.66	66.6	43 - 168
Carbon disulfide	10.0	8.49	84.9	68 - 146
Carbon tetrachloride	10.0	10.0	100	77 - 141
Chlorobenzene	10.0	10.3	103	88 - 120
Chloroethane	10.0	9.04	90.4	65 - 136
Chloroform	10.0	11.0	110	82 - 128
Chloromethane	10.0	9.14	91.4	43 - 155
cis-1,2-Dichloroethylene	10.0	11.0	110	83 - 129
cis-1,3-Dichloropropylene	10.0	10.0	100	80 - 131
Cyclohexane	10.0	9.75	97.5	63 - 149
Dibromochloromethane	10.0	9.38	93.8	80 - 130
Dibromomethane	10.0	9.92	99.2	72 - 134
Dichlorodifluoromethane	10.0	11.4	114	44 - 144
Diisopropyl ether (DIPE)	10.0	11.7	117	70 - 130
Ethyl Benzene	10.0	9.88	98.8	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	11.6	116	70 - 130
Hexachlorobutadiene	10.0	8.77	87.7	67 - 146
Iodomethane	10.0	5.04	50.4 *	70 - 130
Isopropylbenzene	10.0	9.86	98.6	76 - 140
Methyl acetate	10.0	9.62	96.2	51 - 139
Methyl Methacrylate	10.0	9.76	97.6	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.9	109	76 - 135
Methylcyclohexane	10.0	8.54	85.4	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41176	Laboratory ID:	BD41176-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	9.82	98.2	55 - 137
Naphthalene	10.0	9.49	94.9	70 - 147
n-Butylbenzene	10.0	7.40	74.0 *	79 - 132
n-Propylbenzene	10.0	9.56	95.6	78 - 133
o-Xylene	10.0	10.1	101	78 - 130
p- & m- Xylenes	20.0	20.7	103	77 - 133
p-Diethylbenzene	10.0	8.57	85.7	84 - 134
p-Ethyltoluene	10.0	9.96	99.6	88 - 129
p-Isopropyltoluene	10.0	9.03	90.3	81 - 136
sec-Butylbenzene	10.0	8.95	89.5	79 - 137
Styrene	10.0	9.44	94.4	67 - 132
tert-Amyl alcohol (TAA)	100	121	121	70 - 130
tert-Amyl methyl ether (TAME)	10.0	11.0	110	70 - 130
tert-Butyl alcohol (TBA)	50.0	57.9	116	25 - 162
tert-Butylbenzene	10.0	9.53	95.3	77 - 138
Tetrachloroethylene	10.0	3.74	37.4 *	82 - 131
Tetrahydrofuran	10.0	10.1	101	36 - 166
Toluene	10.0	9.55	95.5	80 - 127
trans-1,2-Dichloroethylene	10.0	10.6	106	80 - 132
trans-1,3-Dichloropropylene	10.0	10.6	106	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.4	104	63 - 141
Trichloroethylene	10.0	8.81	88.1	82 - 128
Trichlorofluoromethane	10.0	10.6	106	67 - 139
Vinyl acetate	10.0	11.9	119 *	21 - 90
Vinyl Chloride	10.0	8.62	86.2	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41176	Laboratory ID:	BD41176-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	7.76	77.6 *	8.40	30	82 - 126
1,1,1-Trichloroethane	10.0	10.5	105	11.1	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.2	102	4.53	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.35	83.5	12.0	30	54 - 165
1,1,2-Trichloroethane	10.0	8.85	88.5	5.49	30	82 - 123
1,1-Dichloroethane	10.0	9.59	95.9	10.3	30	82 - 129
1,1-Dichloroethylene	10.0	9.28	92.8	12.2	30	68 - 138
1,1-Dichloropropylene	10.0	9.20	92.0	10.6	30	83 - 133
1,2,3-Trichlorobenzene	10.0	8.15	81.5	7.10	30	76 - 136
1,2,3-Trichloropropane	10.0	9.80	98.0	4.39	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	8.07	80.7 *	7.63	30	85 - 140
1,2,4-Trichlorobenzene	10.0	8.29	82.9	5.74	30	76 - 137
1,2,4-Trimethylbenzene	10.0	8.78	87.8	8.71	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.5	105	4.94	30	45 - 147
1,2-Dibromoethane	10.0	9.46	94.6	5.75	30	83 - 124
1,2-Dichlorobenzene	10.0	8.54	85.4	6.57	30	79 - 123
1,2-Dichloroethane	10.0	12.1	121	7.09	30	73 - 132
1,2-Dichloropropane	10.0	9.22	92.2	6.51	30	78 - 126
1,3,5-Trimethylbenzene	10.0	8.58	85.8	9.65	30	80 - 131
1,3-Dichlorobenzene	10.0	6.69	66.9 *	8.31	30	86 - 122
1,3-Dichloropropane	10.0	9.55	95.5	4.80	30	81 - 125
1,4-Dichlorobenzene	10.0	8.40	84.0 *	7.67	30	85 - 124
1,4-Dioxane	210	179	85.3	6.51	30	10 - 349
2,2-Dichloropropane	10.0	9.90	99.0	11.2	30	56 - 150
2-Butanone	10.0	7.71	77.1	4.81	30	49 - 152
2-Chlorotoluene	10.0	9.02	90.2	9.10	30	79 - 130
2-Hexanone	10.0	9.20	92.0	8.93	30	51 - 146
4-Chlorotoluene	10.0	9.02	90.2	9.00	30	79 - 128
4-Methyl-2-pentanone	10.0	10.2	102	4.90	30	57 - 145
Acetone	10.0	6.45	64.5	5.43	30	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41176	Laboratory ID:	BD41176-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acrolein	10.0	7.38	73.8	0.135	30	10 - 153
Acrylonitrile	10.0	9.37	93.7	7.20	30	51 - 150
Benzene	10.0	8.98	89.8	9.95	30	85 - 126
Bromobenzene	10.0	9.22	92.2	6.20	30	78 - 129
Bromochloromethane	10.0	10.3	103	8.39	30	77 - 128
Bromodichloromethane	10.0	10.1	101	5.29	30	79 - 128
Bromoform	10.0	8.80	88.0	7.33	30	78 - 133
Bromomethane	10.0	6.42	64.2	3.67	30	43 - 168
Carbon disulfide	10.0	7.50	75.0	12.4	30	68 - 146
Carbon tetrachloride	10.0	8.95	89.5	11.1	30	77 - 141
Chlorobenzene	10.0	9.38	93.8	9.64	30	88 - 120
Chloroethane	10.0	8.09	80.9	11.1	30	65 - 136
Chloroform	10.0	10.1	101	8.69	30	82 - 128
Chloromethane	10.0	7.79	77.9	15.9	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.91	99.1	9.97	30	83 - 129
cis-1,3-Dichloropropylene	10.0	9.32	93.2	7.14	30	80 - 131
Cyclohexane	10.0	8.66	86.6	11.8	30	63 - 149
Dibromochloromethane	10.0	8.72	87.2	7.29	30	80 - 130
Dibromomethane	10.0	9.50	95.0	4.33	30	72 - 134
Dichlorodifluoromethane	10.0	9.89	98.9	14.1	30	44 - 144
Diisopropyl ether (DIPE)	10.0	10.9	109	7.27	30	70 - 130
Ethyl Benzene	10.0	8.96	89.6	9.77	30	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	10.9	109	6.40	30	70 - 130
Hexachlorobutadiene	10.0	7.95	79.5	9.81	30	67 - 146
Iodomethane	10.0	4.99	49.9 *	0.997	30	70 - 130
Isopropylbenzene	10.0	9.03	90.3	8.79	30	76 - 140
Methyl acetate	10.0	8.89	88.9	7.89	30	51 - 139
Methyl Methacrylate	10.0	9.14	91.4	6.56	30	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.3	103	5.27	30	76 - 135
Methylcyclohexane	10.0	7.66	76.6	10.9	30	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41176	Laboratory ID:	BD41176-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	9.05	90.5	8.16	30	55 - 137
Naphthalene	10.0	8.99	89.9	5.41	30	70 - 147
n-Butylbenzene	10.0	6.52	65.2 *	12.6	30	79 - 132
n-Propylbenzene	10.0	8.66	86.6	9.88	30	78 - 133
o-Xylene	10.0	9.11	91.1	10.3	30	78 - 130
p- & m- Xylenes	20.0	18.5	92.6	11.0	30	77 - 133
p-Diethylbenzene	10.0	7.76	77.6 *	9.92	30	84 - 134
p-Ethyltoluene	10.0	9.02	90.2	9.91	30	88 - 129
p-Isopropyltoluene	10.0	8.13	81.3	10.5	30	81 - 136
sec-Butylbenzene	10.0	8.10	81.0	9.97	30	79 - 137
Styrene	10.0	8.53	85.3	10.1	30	67 - 132
tert-Amyl alcohol (TAA)	100	111	111	8.63	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.3	103	6.49	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	53.8	108	7.41	30	25 - 162
tert-Butylbenzene	10.0	8.62	86.2	10.0	30	77 - 138
Tetrachloroethylene	10.0	3.40	34.0 *	9.52	30	82 - 131
Tetrahydrofuran	10.0	9.04	90.4	10.9	30	36 - 166
Toluene	10.0	8.73	87.3	8.97	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.55	95.5	10.2	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.0	100	6.30	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.58	95.8	7.73	30	63 - 141
Trichloroethylene	10.0	8.05	80.5 *	9.02	30	82 - 128
Trichlorofluoromethane	10.0	9.59	95.9	10.4	30	67 - 139
Vinyl acetate	10.0	11.1	111 *	7.05	30	21 - 90
Vinyl Chloride	10.0	7.68	76.8	11.5	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41230	Laboratory ID:	BD41230-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	7.86	78.6 *	82 - 126
1,1,1-Trichloroethane	10.0	11.2	112	78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.3	103	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.14	91.4	54 - 165
1,1,2-Trichloroethane	10.0	8.89	88.9	82 - 123
1,1-Dichloroethane	10.0	9.99	99.9	82 - 129
1,1-Dichloroethylene	10.0	9.90	99.0	68 - 138
1,1-Dichloropropylene	10.0	9.85	98.5	83 - 133
1,2,3-Trichlorobenzene	10.0	8.54	85.4	76 - 136
1,2,3-Trichloropropane	10.0	9.97	99.7	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	8.37	83.7 *	85 - 140
1,2,4-Trichlorobenzene	10.0	8.58	85.8	76 - 137
1,2,4-Trimethylbenzene	10.0	9.10	91.0	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.0	110	45 - 147
1,2-Dibromoethane	10.0	9.61	96.1	83 - 124
1,2-Dichlorobenzene	10.0	8.68	86.8	79 - 123
1,2-Dichloroethane	10.0	12.6	126	73 - 132
1,2-Dichloropropane	10.0	9.12	91.2	78 - 126
1,3,5-Trimethylbenzene	10.0	9.03	90.3	80 - 131
1,3-Dichlorobenzene	10.0	6.91	69.1 *	86 - 122
1,3-Dichloropropane	10.0	9.44	94.4	81 - 125
1,4-Dichlorobenzene	10.0	8.70	87.0	85 - 124
1,4-Dioxane	210	197	93.8	10 - 349
2,2-Dichloropropane	10.0	12.1	121	56 - 150
2-Butanone	10.0	8.33	83.3	49 - 152
2-Chlorotoluene	10.0	9.28	92.8	79 - 130
2-Hexanone	10.0	9.62	96.2	51 - 146
4-Chlorotoluene	10.0	9.28	92.8	79 - 128
4-Methyl-2-pentanone	10.0	10.4	104	57 - 145
Acetone	10.0	6.64	66.4	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41230	Laboratory ID:	BD41230-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #		QC LIMITS REC.
Acrolein	10.0	9.35	93.5		10 - 153
Acrylonitrile	10.0	9.73	97.3		51 - 150
Benzene	10.0	9.25	92.5		85 - 126
Bromobenzene	10.0	9.22	92.2		78 - 129
Bromochloromethane	10.0	10.6	106		77 - 128
Bromodichloromethane	10.0	10.0	100		79 - 128
Bromoform	10.0	9.00	90.0		78 - 133
Bromomethane	10.0	5.53	55.3		43 - 168
Carbon disulfide	10.0	8.08	80.8		68 - 146
Carbon tetrachloride	10.0	9.59	95.9		77 - 141
Chlorobenzene	10.0	9.57	95.7		88 - 120
Chloroethane	10.0	8.73	87.3		65 - 136
Chloroform	10.0	10.5	105		82 - 128
Chloromethane	10.0	8.61	86.1		43 - 155
cis-1,2-Dichloroethylene	10.0	10.5	105		83 - 129
cis-1,3-Dichloropropylene	10.0	9.41	94.1		80 - 131
Cyclohexane	10.0	9.36	93.6		63 - 149
Dibromochloromethane	10.0	8.78	87.8		80 - 130
Dibromomethane	10.0	9.50	95.0		72 - 134
Dichlorodifluoromethane	10.0	10.2	102		44 - 144
Diisopropyl ether (DIPE)	10.0	11.2	112		70 - 130
Ethyl Benzene	10.0	9.25	92.5		80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	11.2	112		70 - 130
Hexachlorobutadiene	10.0	8.89	88.9		67 - 146
Iodomethane	10.0	3.99	39.9	*	70 - 130
Isopropylbenzene	10.0	9.38	93.8		76 - 140
Methyl acetate	10.0	9.97	99.7		51 - 139
Methyl Methacrylate	10.0	9.32	93.2		72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.6	106		76 - 135
Methylcyclohexane	10.0	8.28	82.8		72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41230	Laboratory ID:	BD41230-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	9.57	95.7	55 - 137
Naphthalene	10.0	8.59	85.9	70 - 147
n-Butylbenzene	10.0	7.26	72.6 *	79 - 132
n-Propylbenzene	10.0	9.19	91.9	78 - 133
o-Xylene	10.0	9.37	93.7	78 - 130
p- & m- Xylenes	20.0	19.4	96.9	77 - 133
p-Diethylbenzene	10.0	8.34	83.4 *	84 - 134
p-Ethyltoluene	10.0	9.51	95.1	88 - 129
p-Isopropyltoluene	10.0	8.67	86.7	81 - 136
sec-Butylbenzene	10.0	8.75	87.5	79 - 137
Styrene	10.0	8.75	87.5	67 - 132
tert-Amyl alcohol (TAA)	100	119	119	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.7	107	70 - 130
tert-Butyl alcohol (TBA)	50.0	57.6	115	25 - 162
tert-Butylbenzene	10.0	9.07	90.7	77 - 138
Tetrachloroethylene	10.0	3.58	35.8 *	82 - 131
Tetrahydrofuran	10.0	9.96	99.6	36 - 166
Toluene	10.0	8.83	88.3	80 - 127
trans-1,2-Dichloroethylene	10.0	9.94	99.4	80 - 132
trans-1,3-Dichloropropylene	10.0	10.3	103	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.79	97.9	63 - 141
Trichloroethylene	10.0	8.28	82.8	82 - 128
Trichlorofluoromethane	10.0	10.6	106	67 - 139
Vinyl acetate	10.0	11.4	114 *	21 - 90
Vinyl Chloride	10.0	8.49	84.9	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41230	Laboratory ID:	BD41230-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acrolein	10.0	9.24	92.4		1.18	30	10 - 153
Acrylonitrile	10.0	10.0	100		3.14	30	51 - 150
Benzene	10.0	9.78	97.8		5.57	30	85 - 126
Bromobenzene	10.0	9.44	94.4		2.36	30	78 - 129
Bromochloromethane	10.0	11.0	110		3.52	30	77 - 128
Bromodichloromethane	10.0	10.4	104		4.01	30	79 - 128
Bromoform	10.0	9.14	91.4		1.54	30	78 - 133
Bromomethane	10.0	6.89	68.9		21.9	30	43 - 168
Carbon disulfide	10.0	8.57	85.7		5.89	30	68 - 146
Carbon tetrachloride	10.0	10.4	104		7.82	30	77 - 141
Chlorobenzene	10.0	10.0	100		4.89	30	88 - 120
Chloroethane	10.0	9.33	93.3		6.64	30	65 - 136
Chloroform	10.0	11.0	110		4.55	30	82 - 128
Chloromethane	10.0	9.08	90.8		5.31	30	43 - 155
cis-1,2-Dichloroethylene	10.0	11.0	110		4.28	30	83 - 129
cis-1,3-Dichloropropylene	10.0	9.88	98.8		4.87	30	80 - 131
Cyclohexane	10.0	10.2	102		8.20	30	63 - 149
Dibromochloromethane	10.0	9.07	90.7		3.25	30	80 - 130
Dibromomethane	10.0	9.76	97.6		2.70	30	72 - 134
Dichlorodifluoromethane	10.0	11.0	110		7.80	30	44 - 144
Diisopropyl ether (DIPE)	10.0	11.5	115		3.00	30	70 - 130
Ethyl Benzene	10.0	9.83	98.3		6.08	30	80 - 131
Ethyl tert-butyl ether (ETBE)	10.0	11.5	115		2.73	30	70 - 130
Hexachlorobutadiene	10.0	9.68	96.8		8.51	30	67 - 146
Iodomethane	10.0	5.06	50.6	*	23.6	30	70 - 130
Isopropylbenzene	10.0	9.90	99.0		5.39	30	76 - 140
Methyl acetate	10.0	10.0	100		0.500	30	51 - 139
Methyl Methacrylate	10.0	9.41	94.1		0.961	30	72 - 132
Methyl tert-butyl ether (MTBE)	10.0	10.9	109		2.69	30	76 - 135
Methylcyclohexane	10.0	8.98	89.8		8.11	30	72 - 143

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41230	Laboratory ID:	BD41230-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	9.83	98.3	2.68	30	55 - 137
Naphthalene	10.0	9.10	91.0	5.77	30	70 - 147
n-Butylbenzene	10.0	7.82	78.2 *	7.43	30	79 - 132
n-Propylbenzene	10.0	9.72	97.2	5.61	30	78 - 133
o-Xylene	10.0	9.86	98.6	5.10	30	78 - 130
p- & m- Xylenes	20.0	20.5	102	5.62	30	77 - 133
p-Diethylbenzene	10.0	8.96	89.6	7.17	30	84 - 134
p-Ethyltoluene	10.0	10.0	100	5.02	30	88 - 129
p-Isopropyltoluene	10.0	9.26	92.6	6.58	30	81 - 136
sec-Butylbenzene	10.0	9.33	93.3	6.42	30	79 - 137
Styrene	10.0	9.16	91.6	4.58	30	67 - 132
tert-Amyl alcohol (TAA)	100	124	124	3.94	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	11.0	110	2.86	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	58.5	117	1.41	30	25 - 162
tert-Butylbenzene	10.0	9.63	96.3	5.99	30	77 - 138
Tetrachloroethylene	10.0	3.84	38.4 *	7.01	30	82 - 131
Tetrahydrofuran	10.0	10.1	101	1.20	30	36 - 166
Toluene	10.0	9.35	93.5	5.72	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.5	105	5.38	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.5	105	2.11	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.0	100	2.42	30	63 - 141
Trichloroethylene	10.0	8.67	86.7	4.60	30	82 - 128
Trichlorofluoromethane	10.0	11.5	115	8.30	30	67 - 139
Vinyl acetate	10.0	11.8	118 *	3.37	30	21 - 90
Vinyl Chloride	10.0	9.13	91.3	7.26	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41433	Laboratory ID:	BD41433-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	8.89	88.9	82 - 126
1,1,1-Trichloroethane	10.0	9.35	93.5	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.22	92.2	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.3	103	54 - 165
1,1,2-Trichloroethane	10.0	8.69	86.9	82 - 123
1,1-Dichloroethane	10.0	8.91	89.1	82 - 129
1,1-Dichloroethylene	10.0	10.1	101	68 - 138
1,1-Dichloropropylene	10.0	9.46	94.6	83 - 133
1,2,3-Trichlorobenzene	10.0	14.4	144 *	76 - 136
1,2,3-Trichloropropane	10.0	8.84	88.4	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	9.98	99.8	85 - 140
1,2,4-Trichlorobenzene	10.0	10.7	107	76 - 137
1,2,4-Trimethylbenzene	10.0	9.45	94.5	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.31	93.1	45 - 147
1,2-Dibromoethane	10.0	9.08	90.8	83 - 124
1,2-Dichlorobenzene	10.0	9.21	92.1	79 - 123
1,2-Dichloroethane	10.0	8.90	89.0	73 - 132
1,2-Dichloropropane	10.0	9.07	90.7	78 - 126
1,3,5-Trimethylbenzene	10.0	9.29	92.9	80 - 131
1,3-Dichlorobenzene	10.0	9.26	92.6	86 - 122
1,3-Dichloropropane	10.0	8.97	89.7	81 - 125
1,4-Dichlorobenzene	10.0	9.00	90.0	85 - 124
1,4-Dioxane	210	198	94.2	10 - 349
2,2-Dichloropropane	10.0	9.95	99.5	56 - 150
2-Butanone	10.0	9.35	93.5	49 - 152
2-Chlorotoluene	10.0	9.52	95.2	79 - 130
2-Hexanone	10.0	8.64	86.4	51 - 146
4-Chlorotoluene	10.0	9.25	92.5	79 - 128
4-Methyl-2-pentanone	10.0	9.52	95.2	57 - 145
Acetone	10.0	6.98	69.8	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41433	Laboratory ID:	BD41433-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Methylene chloride	10.0	7.47	74.7	55 - 137
Naphthalene	10.0	12.1	121	70 - 147
n-Butylbenzene	10.0	10.5	105	79 - 132
n-Propylbenzene	10.0	9.53	95.3	78 - 133
o-Xylene	10.0	9.15	91.5	78 - 130
p- & m- Xylenes	20.0	18.4	92.0	77 - 133
p-Diethylbenzene	10.0	10.3	103	84 - 134
p-Ethyltoluene	10.0	9.82	98.2	88 - 129
p-Isopropyltoluene	10.0	10.0	100	81 - 136
sec-Butylbenzene	10.0	10.2	102	79 - 137
Styrene	10.0	9.19	91.9	67 - 132
tert-Amyl alcohol (TAA)	100	93.8	93.8	70 - 130
tert-Amyl methyl ether (TAME)	10.0	9.16	91.6	70 - 130
tert-Butyl alcohol (TBA)	50.0	46.9	93.9	25 - 162
tert-Butylbenzene	10.0	9.83	98.3	77 - 138
Tetrachloroethylene	10.0	5.93	59.3 *	82 - 131
Tetrahydrofuran	10.0	8.96	89.6	36 - 166
Toluene	10.0	8.97	89.7	80 - 127
trans-1,2-Dichloroethylene	10.0	9.29	92.9	80 - 132
trans-1,3-Dichloropropylene	10.0	8.92	89.2	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.02	90.2	63 - 141
Trichloroethylene	10.0	9.02	90.2	82 - 128
Trichlorofluoromethane	10.0	10.3	103	67 - 139
Vinyl acetate	10.0	13.6	136 *	21 - 90
Vinyl Chloride	10.0	10.1	101	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41433	Laboratory ID:	BD41433-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.09	90.9	2.22	30	82 - 126
1,1,1-Trichloroethane	10.0	9.01	90.1	3.70	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.73	97.3	5.38	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.94	99.4	3.94	30	54 - 165
1,1,2-Trichloroethane	10.0	9.62	96.2	10.2	30	82 - 123
1,1-Dichloroethane	10.0	8.72	87.2	2.16	30	82 - 129
1,1-Dichloroethylene	10.0	9.65	96.5	4.75	30	68 - 138
1,1-Dichloropropylene	10.0	9.09	90.9	3.99	30	83 - 133
1,2,3-Trichlorobenzene	10.0	18.1	181 *	22.8	30	76 - 136
1,2,3-Trichloropropane	10.0	9.37	93.7	5.82	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	9.71	97.1	2.74	30	85 - 140
1,2,4-Trichlorobenzene	10.0	12.2	122	12.6	30	76 - 137
1,2,4-Trimethylbenzene	10.0	8.71	87.1	8.15	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.8	108	14.4	30	45 - 147
1,2-Dibromoethane	10.0	10.0	100	10.1	30	83 - 124
1,2-Dichlorobenzene	10.0	9.21	92.1	0.00	30	79 - 123
1,2-Dichloroethane	10.0	9.69	96.9	8.50	30	73 - 132
1,2-Dichloropropane	10.0	9.03	90.3	0.442	30	78 - 126
1,3,5-Trimethylbenzene	10.0	8.44	84.4	9.59	30	80 - 131
1,3-Dichlorobenzene	10.0	8.85	88.5	4.53	30	86 - 122
1,3-Dichloropropane	10.0	9.75	97.5	8.33	30	81 - 125
1,4-Dichlorobenzene	10.0	8.76	87.6	2.70	30	85 - 124
1,4-Dioxane	210	236	113	17.7	30	10 - 349
2,2-Dichloropropane	10.0	9.46	94.6	5.05	30	56 - 150
2-Butanone	10.0	5.77	57.7	47.4 *	30	49 - 152
2-Chlorotoluene	10.0	8.09	80.9	16.2	30	79 - 130
2-Hexanone	10.0	10.5	105	19.5	30	51 - 146
4-Chlorotoluene	10.0	8.50	85.0	8.45	30	79 - 128
4-Methyl-2-pentanone	10.0	11.2	112	16.4	30	57 - 145
Acetone	10.0	7.95	79.5	13.0	30	14 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41433	Laboratory ID:	BD41433-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methylene chloride	10.0	7.82	78.2	4.58	30	55 - 137
Naphthalene	10.0	14.0	140	14.4	30	70 - 147
n-Butylbenzene	10.0	9.75	97.5	7.50	30	79 - 132
n-Propylbenzene	10.0	8.45	84.5	12.0	30	78 - 133
o-Xylene	10.0	8.97	89.7	1.99	30	78 - 130
p- & m- Xylenes	20.0	17.8	88.8	3.65	30	77 - 133
p-Diethylbenzene	10.0	9.66	96.6	6.12	30	84 - 134
p-Ethyltoluene	10.0	8.76	87.6 *	11.4	30	88 - 129
p-Isopropyltoluene	10.0	9.22	92.2	8.42	30	81 - 136
sec-Butylbenzene	10.0	9.16	91.6	10.6	30	79 - 137
Styrene	10.0	9.26	92.6	0.759	30	67 - 132
tert-Amyl alcohol (TAA)	100	120	120	24.3	30	70 - 130
tert-Amyl methyl ether (TAME)	10.0	10.6	106	14.4	30	70 - 130
tert-Butyl alcohol (TBA)	50.0	67.0	134	35.2 *	30	25 - 162
tert-Butylbenzene	10.0	8.80	88.0	11.1	30	77 - 138
Tetrachloroethylene	10.0	5.56	55.6 *	6.44	30	82 - 131
Tetrahydrofuran	10.0	11.4	114	23.5	30	36 - 166
Toluene	10.0	8.55	85.5	4.79	30	80 - 127
trans-1,2-Dichloroethylene	10.0	8.98	89.8	3.39	30	80 - 132
trans-1,3-Dichloropropylene	10.0	9.63	96.3	7.65	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.44	94.4	4.55	30	63 - 141
Trichloroethylene	10.0	8.42	84.2	6.88	30	82 - 128
Trichlorofluoromethane	10.0	9.94	99.4	3.94	30	67 - 139
Vinyl acetate	10.0	15.4	154 *	12.2	30	21 - 90
Vinyl Chloride	10.0	9.66	96.6	4.35	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BD41176-BLK1	File ID:	V854672.D
Prepared:	04/15/24 03:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	04/15/24 23:53	Instrument:	VOA No. 8		
Batch:	BD41176	Sequence:	S4D1617	Calibration:	SC40057

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-09-2	Methylene chloride	2.00	U
91-20-3	Naphthalene	0.670	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-85-4	tert-Amyl alcohol (TAA)	8.00	U
994-05-8	tert-Amyl methyl ether (TAME)	0.800	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
109-99-9	Tetrahydrofuran	0.500	U
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
108-05-4	Vinyl acetate	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.9	119	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	
SURR: Toluene-d8	10.0	9.79	97.9	81 - 117	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BD41230-BLK1	File ID:	V854694.D
Prepared:	04/16/24 08:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	04/16/24 11:35	Instrument:	VOA No. 8		
Batch:	BD41230	Sequence:	S4D1711	Calibration:	SC40057

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-09-2	Methylene chloride	2.00	U
91-20-3	Naphthalene	0.280	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-85-4	tert-Amyl alcohol (TAA)	8.00	U
994-05-8	tert-Amyl methyl ether (TAME)	0.800	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
109-99-9	Tetrahydrofuran	0.500	U
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
108-05-4	Vinyl acetate	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	12.0	120	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	
SURR: Toluene-d8	10.0	9.66	96.6	81 - 117	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40057
Instrument: VOA No. 8
Calibration Date: 03/28/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2594864	19.88714	8.7725	3.698152E-02		0.9972702	0.99	
1,1,1-Trichloroethane	1.554695	11.78697	5.02	6.433649E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5044916	6.247388	10.12263	0.0293847			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8945769	7.034217	2.882	2.232368E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1883625	6.541705	7.6835	3.568112E-02			SPCC (0.1)	
1,1-Dichloroethane	1.939129	7.216313	4.0485	0.0704736			SPCC (0.2)	
1,1-Dichloroethylene	1.536223	7.290883	2.912	2.017073E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.503574	8.93237	5.169	1.522354E-02			20	
1,2,3-Trichlorobenzene	0.2953323	7.216821	14.039	1.254939E-02			20	
1,2,3-Trichloropropane	0.1522479	9.897714	10.1685	2.635001E-02			20	
1,2,3-Trimethylbenzene	2.727971	8.668764	11.2485	2.299832E-02			20	
1,2,4,5-Tetramethylbenzene	2.131559	11.26852	12.43375	2.402805E-02			20	
1,2,4-Trichlorobenzene	0.4884372	12.01849	13.467	1.365194E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.99556	9.219244	10.76675	2.287174E-02			20	
1,2-Dibromo-3-chloropropane	6.839026E-02	9.392153	12.5745	2.874167E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1669446	8.467509	8.21025	8.679008E-03			SPCC (0.1)	
1,2-Dichlorobenzene	1.179524	8.193973	11.6545	7.879502E-03			SPCC (0.4)	
1,2-Dichloroethane	1.00747	4.965582	5.437	1.094415E-02			SPCC (0.1)	
1,2-Dichloropropane	0.32903	7.029498	6.222	2.327135E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.128274	8.885583	10.344	4.649608E-02			20	
1,3-Dichlorobenzene	1.460489	15.95482	11.11975	2.101257E-02		0.9969002	SPCC (0.6)	
1,3-Dichloropropane	0.3583214	6.704615	7.8505	3.552215E-02			20	
1,4-Dichlorobenzene	1.40764	13.4559	11.22437	0.0270374			SPCC (0.5)	
1,4-Dioxane	1.790422E-03	2.846926	6.3575	4.334054E-02			20	
2,2-Dichloropropane	1.485042	7.941516	4.561	1.961969E-02			20	
2-Butanone	7.625997E-02	17.36811	4.61825	6.624034E-02		0.9995251	SPCC (0.1)	
2-Chlorotoluene	2.687372	7.877825	10.4025	2.694207E-02			20	
2-Hexanone	0.1471176	9.772427	7.901	1.378646E-02			SPCC (0.1)	
4-Chlorotoluene	2.687372	7.877825	10.4025	2.694207E-02			20	
4-Methyl-2-pentanone	0.1948877	5.433816	7.055	1.421365E-02			SPCC (0.1)	
Acetone	0.2797862	11.80511	3.0175	9.233163E-02			SPCC (0.1)	
Acrolein	7.337131E-02	7.26747	2.87	6.746729E-03			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40057
Laboratory ID: S4C2910-SCV1
Sequence: S4C2910
Standard ID: S24C295

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
4-Chlorotoluene	10.0	9.98	-0.2	30.00
4-Methyl-2-pentanone	10.0	9.53	-4.7	30.00
Acetone	10.0	6.37	-36.3 *	30.00
Acrolein	10.0	9.03	-9.7	30.00
Acrylonitrile	10.0	9.59	-4.1	30.00
Benzene	10.0	9.73	-2.7	30.00
Bromobenzene	10.0	9.77	-2.3	30.00
Bromochloromethane	10.0	9.72	-2.8	30.00
Bromodichloromethane	10.0	9.78	-2.2	30.00
Bromoform	10.0	8.59	-14.1	30.00
Bromomethane	10.0	6.96	-30.4 *	30.00
Carbon disulfide	10.0	9.41	-5.9	30.00
Carbon tetrachloride	10.0	8.09	-19.1	30.00
Chlorobenzene	10.0	10.2	1.6	30.00
Chloroethane	10.0	9.22	-7.8	30.00
Chloroform	10.0	9.47	-5.3	30.00
Chloromethane	10.0	9.99	-0.1	30.00
cis-1,2-Dichloroethylene	10.0	9.43	-5.7	30.00
cis-1,3-Dichloropropylene	10.0	9.53	-4.7	30.00
Cyclohexane	10.0	9.51	-4.9	30.00
Dibromochloromethane	10.0	8.58	-14.2	30.00
Dibromomethane	10.0	9.55	-4.5	30.00
Dichlorodifluoromethane	10.0	8.48	-15.2	30.00
Diisopropyl ether (DIPE)	10.0	10.2	1.5	30.00
Ethyl Benzene	10.0	9.86	-1.4	30.00
Ethyl tert-butyl ether (ETBE)	10.0	9.79	-2.1	30.00
Hexachlorobutadiene	10.0	9.33	-6.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40057
Laboratory ID: S4C2910-SCV1
Sequence: S4C2910
Standard ID: S24C295

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Iodomethane	10.0	3.52	-64.8 *	30.00
Isopropylbenzene	10.0	9.94	-0.6	30.00
Methyl acetate	10.0	8.68	-13.2	30.00
Methyl Methacrylate	10.0	9.60	-4.0	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.46	-5.4	30.00
Methylcyclohexane	10.0	9.17	-8.3	30.00
Methylene chloride	10.0	9.10	-9.0	30.00
Naphthalene	10.0	9.17	-8.3	30.00
n-Butylbenzene	10.0	7.96	-20.4	30.00
n-Propylbenzene	10.0	9.92	-0.8	30.00
o-Xylene	10.0	9.83	-1.7	30.00
p- & m- Xylenes	20.0	20.4	2.1	30.00
p-Diethylbenzene	10.0	9.52	-4.8	30.00
p-Ethyltoluene	10.0	10.3	3.1	30.00
p-Isopropyltoluene	10.0	9.62	-3.8	30.00
sec-Butylbenzene	10.0	9.71	-2.9	30.00
Styrene	10.0	9.74	-2.6	30.00
tert-Amyl alcohol (TAA)	100	99.3	-0.7	30.00
tert-Amyl methyl ether (TAME)	10.0	9.61	-3.9	30.00
tert-Butyl alcohol (TBA)	50.0	46.4	-7.3	30.00
tert-Butylbenzene	10.0	9.72	-2.8	30.00
Tetrachloroethylene	10.0	3.63	-63.7 *	30.00
Tetrahydrofuran	10.0	9.81	-1.9	30.00
Toluene	10.0	9.76	-2.4	30.00
trans-1,2-Dichloroethylene	10.0	9.55	-4.5	30.00
trans-1,3-Dichloropropylene	10.0	9.50	-5.0	30.00
trans-1,4-dichloro-2-butene	10.0	9.81	-1.9	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SC40057
Lab File ID:	V854667.D	Calibration Date:	03/28/24 08:00
Sequence:	S4D1617	Injection Date:	04/15/24
Lab Sample ID:	S4D1617-CCV1	Injection Time:	21:32

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	8.81	0.2594864	0.2827236		-11.9	20	
1,1,1-Trichloroethane	A	10.0	12.0	1.554695	1.858902	0.1	19.6	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.91	0.5044916	0.4999544	0.3	-0.9	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.22	0.8945769	0.8244128	0.1	-7.8	20	
1,1,2-Trichloroethane	A	10.0	10.1	0.1883625	0.1900498	0.1	0.9	20	
1,1-Dichloroethane	A	10.0	11.2	1.939129	2.165898	0.2	11.7	20	
1,1-Dichloroethylene	A	10.0	10.8	1.536223	1.65267	0.1	7.6	20	
1,1-Dichloropropylene	A	10.0	10.9	1.503574	1.643507		9.3	20	
1,2,3-Trichlorobenzene	A	10.0	9.15	0.2953323	0.2701675		-8.5	20	
1,2,3-Trichloropropane	A	10.0	10.8	0.1522479	0.1641007		7.8	20	
1,2,4,5-Tetramethylbenzene	A	10.0	9.29	2.131559	1.979155		-7.1	20	
1,2,4-Trichlorobenzene	A	10.0	9.45	0.4884372	0.4616785	0.2	-5.5	20	
1,2,4-Trimethylbenzene	A	10.0	9.89	2.99556	2.961979		-1.1	20	
1,2-Dibromo-3-chloropropane	A	10.0	11.9	6.839026E-02	0.0811768	0.05	18.7	20	
1,2-Dibromoethane	A	10.0	10.7	0.1669446	0.1788734	0.1	7.1	20	
1,2-Dichlorobenzene	A	10.0	9.43	1.179524	1.112698	0.4	-5.7	20	
1,2-Dichloroethane	A	10.0	13.5	1.00747	1.361453	0.1	35.1	20	*
1,2-Dichloropropane	A	10.0	10.2	0.32903	0.3345499	0.1	1.7	20	
1,3,5-Trimethylbenzene	A	10.0	9.89	3.128274	3.094745		-1.1	20	
1,3-Dichlorobenzene	A	10.0	7.60	1.460489	1.370001	0.6	-24.0	20	*
1,3-Dichloropropane	A	10.0	10.8	0.3583214	0.3866928		7.9	20	
1,4-Dichlorobenzene	A	10.0	9.56	1.40764	1.345578	0.5	-4.4	20	
1,4-Dioxane	A	200	195	1.790422E-03	1.743079E-03		-2.6	20	
2,2-Dichloropropane	A	10.0	11.6	1.485042	1.724361		16.1	20	
2-Butanone	A	10.0	9.57	7.625997E-02	8.524288E-02	0.1	-4.3	20	
2-Chlorotoluene	A	10.0	10.1	2.687372	2.704943		0.7	20	
2-Hexanone	A	10.0	12.0	0.1471176	0.1760475	0.1	19.7	20	
4-Chlorotoluene	A	10.0	10.1	2.687372	2.704724		0.6	20	
4-Methyl-2-pentanone	A	10.0	11.8	0.1948877	0.2302547	0.1	18.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SC40057
Lab File ID:	V854667.D	Calibration Date:	03/28/24 08:00
Sequence:	S4D1617	Injection Date:	04/15/24
Lab Sample ID:	S4D1617-CCV1	Injection Time:	21:32

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	10.0	11.0	0.2797862	0.3083982	0.1	10.2	20	
Acrolein	A	10.0	6.24	7.337131E-02	4.579825E-02		-37.6	20	*
Acrylonitrile	A	10.0	10.8	0.183241	0.197763		7.9	20	
Benzene	A	10.0	10.1	4.294613	4.353904	0.5	1.4	20	
Bromobenzene	A	10.0	10.3	1.420792	1.468342		3.3	20	
Bromochloromethane	A	10.0	11.8	0.7294431	0.8580259		17.6	20	
Bromodichloromethane	A	10.0	11.6	0.3757269	0.4339468	0.2	15.5	20	
Bromoform	A	10.0	9.77	9.007447E-02	0.104375	0.1	-2.3	20	
Bromomethane	A	10.0	3.91	0.2488064	0.1397442	0.1	-60.9	20	*
Carbon disulfide	A	10.0	8.81	2.496481	2.200422	0.1	-11.9	20	
Carbon tetrachloride	A	10.0	9.95	1.241474	1.482928	0.1	-0.5	20	
Chlorobenzene	A	10.0	10.1	0.762497	0.7733531	0.5	1.4	20	
Chloroethane	A	10.0	7.82	0.7733468	0.6044785	0.1	-21.8	20	*
Chloroform	A	10.0	11.6	1.721518	1.991611	0.2	15.7	20	
Chloromethane	A	10.0	6.67	1.074491	0.7165163	0.1	-33.3	20	*
cis-1,2-Dichloroethylene	A	10.0	11.5	1.686432	1.935836	0.1	14.8	20	
cis-1,3-Dichloropropylene	A	10.0	11.0	0.4620649	0.5065743	0.2	9.6	20	
Cyclohexane	A	10.0	10.0	2.061052	2.067916	0.1	0.3	20	
Dibromochloromethane	A	10.0	9.94	0.2026192	0.2323501	0.1	-0.6	20	
Dibromomethane	A	10.0	10.8	0.1282561	0.1383046		7.8	20	
Dichlorodifluoromethane	A	10.0	9.06	1.148185	1.040759	0.1	-9.4	20	
Diisopropyl ether (DIPE)	A	10.0	11.7	3.386085	3.949273		16.6	20	
Ethyl Benzene	A	10.0	10.2	1.605892	1.645643	0.1	2.5	20	
Ethyl tert-butyl ether (ETBE)	A	10.0	11.9	2.887258	3.436873		19.0	20	
Hexachlorobutadiene	A	10.0	9.23	0.1534173	0.1415779		-7.7	20	
Iodomethane	A	10.0	2.96	0.2934694	0.1335233		-70.4	20	*
Isopropylbenzene	A	10.0	9.94	3.895145	3.87106	0.1	-0.6	20	
Methyl acetate	A	10.0	11.3	0.4357476	0.4912726	0.1	12.7	20	
Methyl Methacrylate	A	10.0	10.7	0.1446118	0.1541087		6.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SC40057
Lab File ID:	V854667.D	Calibration Date:	03/28/24 08:00
Sequence:	S4D1617	Injection Date:	04/15/24
Lab Sample ID:	S4D1617-CCV1	Injection Time:	21:32

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	11.7	2.233503	2.606266	0.1	16.7	20	
Methylcyclohexane	A	10.0	8.89	0.6169444	0.5482389	0.1	-11.1	20	
Methylene chloride	A	10.0	10.3	1.358627	1.40153	0.1	3.2	20	
Naphthalene	A	10.0	9.71	1.035026	1.004847		-2.9	20	
n-Butylbenzene	A	10.0	7.86	0.5184535	0.4206925		-21.4	20	*
n-Propylbenzene	A	10.0	9.77	4.744316	4.636324		-2.3	20	
o-Xylene	A	10.0	10.3	1.207027	1.243042	0.3	3.0	20	
p- & m- Xylenes	A	20.0	21.5	1.20778	1.300739	0.1	7.7	20	
p-Diethylbenzene	A	10.0	8.91	1.595994	1.42272		-10.9	20	
p-Ethyltoluene	A	10.0	9.82	3.738652	3.671737		-1.8	20	
p-Isopropyltoluene	A	10.0	9.36	3.011698	2.820401		-6.4	20	
sec-Butylbenzene	A	10.0	9.14	3.569532	3.260794		-8.6	20	
Styrene	A	10.0	9.85	0.8898987	0.8763686	0.3	-1.5	20	
tert-Amyl alcohol (TAA)	A	100	123	5.915798E-02	7.250424E-02		22.6	20	*
tert-Amyl methyl ether (TAME)	A	10.0	11.5	2.817781	3.233491		14.8	20	
tert-Butyl alcohol (TBA)	A	50.0	63.1	6.380014E-02	8.049625E-02		26.2	20	*
tert-Butylbenzene	A	10.0	9.59	2.487746	2.385316		-4.1	20	
Tetrachloroethylene	A	10.0	7.96	0.6272977	0.6345954	0.2	-20.4	20	*
Tetrahydrofuran	A	10.0	10.6	6.250964E-02	6.615991E-02		5.8	20	
Toluene	A	10.0	9.89	1.415259	1.400201	0.4	-1.1	20	
trans-1,2-Dichloroethylene	A	10.0	11.0	1.500982	1.644976	0.1	9.6	20	
trans-1,3-Dichloropropylene	A	10.0	11.8	0.3646197	0.4316675	0.1	18.4	20	
trans-1,4-dichloro-2-butene	A	10.0	10.9	0.5206025	0.5686935		9.2	20	
Trichloroethylene	A	10.0	9.91	0.3665968	0.3634391	0.2	-0.9	20	
Trichlorofluoromethane	A	10.0	9.31	1.782335	1.658975	0.1	-6.9	20	
Vinyl acetate	A	10.0	12.4	1.565707	1.939964		23.9	20	*
Vinyl Chloride	A	10.0	6.48	1.315343	0.8525881	0.1	-35.2	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SC40057
Lab File ID:	V854690.D	Calibration Date:	03/28/24 08:00
Sequence:	S4D1711	Injection Date:	04/16/24
Lab Sample ID:	S4D1711-CCV1	Injection Time:	09:26

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	8.36	0.2594864	0.2681545		-16.4	20	
1,1,1-Trichloroethane	A	10.0	11.8	1.554695	1.838879	0.1	18.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	8.72	0.5044916	0.4399018	0.3	-12.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.40	0.8945769	0.8404741	0.1	-6.0	20	
1,1,2-Trichloroethane	A	10.0	9.62	0.1883625	0.1811505	0.1	-3.8	20	
1,1-Dichloroethane	A	10.0	10.8	1.939129	2.101626	0.2	8.4	20	
1,1-Dichloroethylene	A	10.0	10.7	1.536223	1.638015	0.1	6.6	20	
1,1-Dichloropropylene	A	10.0	10.8	1.503574	1.623592		8.0	20	
1,2,3-Trichlorobenzene	A	10.0	9.12	0.2953323	0.2693599		-8.8	20	
1,2,3-Trichloropropane	A	10.0	10.3	0.1522479	0.1572197		3.3	20	
1,2,4,5-Tetramethylbenzene	A	10.0	8.86	2.131559	1.88761		-11.4	20	
1,2,4-Trichlorobenzene	A	10.0	9.26	0.4884372	0.4523321	0.2	-7.4	20	
1,2,4-Trimethylbenzene	A	10.0	9.37	2.99556	2.807498		-6.3	20	
1,2-Dibromo-3-chloropropane	A	10.0	11.2	6.839026E-02	7.668321E-02	0.05	12.1	20	
1,2-Dibromoethane	A	10.0	10.0	0.1669446	0.1678309	0.1	0.5	20	
1,2-Dichlorobenzene	A	10.0	8.99	1.179524	1.0603	0.4	-10.1	20	
1,2-Dichloroethane	A	10.0	13.0	1.00747	1.311852	0.1	30.2	20	*
1,2-Dichloropropane	A	10.0	9.57	0.32903	0.3150307	0.1	-4.3	20	
1,3,5-Trimethylbenzene	A	10.0	9.36	3.128274	2.927334		-6.4	20	
1,3-Dichlorobenzene	A	10.0	7.12	1.460489	1.285026	0.6	-28.8	20	*
1,3-Dichloropropane	A	10.0	10.1	0.3583214	0.3632435		1.4	20	
1,4-Dichlorobenzene	A	10.0	8.91	1.40764	1.254446	0.5	-10.9	20	
1,4-Dioxane	A	200	191	1.790422E-03	1.713841E-03		-4.3	20	
2,2-Dichloropropane	A	10.0	10.0	1.485042	1.48965		0.3	20	
2-Butanone	A	10.0	9.17	7.625997E-02	8.171003E-02	0.1	-8.3	20	
2-Chlorotoluene	A	10.0	9.42	2.687372	2.530785		-5.8	20	
2-Hexanone	A	10.0	11.0	0.1471176	0.1621103	0.1	10.2	20	
4-Chlorotoluene	A	10.0	9.42	2.687372	2.530378		-5.8	20	
4-Methyl-2-pentanone	A	10.0	10.9	0.1948877	0.2131601	0.1	9.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SC40057
Lab File ID:	V854690.D	Calibration Date:	03/28/24 08:00
Sequence:	S4D1711	Injection Date:	04/16/24
Lab Sample ID:	S4D1711-CCV1	Injection Time:	09:26

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	10.0	10.8	0.2797862	0.3031857	0.1	8.4	20	
Acrolein	A	10.0	5.22	7.337131E-02	3.829531E-02		-47.8	20	*
Acrylonitrile	A	10.0	10.5	0.183241	0.1924568		5.0	20	
Benzene	A	10.0	9.85	4.294613	4.231438	0.5	-1.5	20	
Bromobenzene	A	10.0	9.59	1.420792	1.362798		-4.1	20	
Bromochloromethane	A	10.0	11.3	0.7294431	0.8260337		13.2	20	
Bromodichloromethane	A	10.0	10.9	0.3757269	0.4099812	0.2	9.1	20	
Bromoform	A	10.0	9.08	9.007447E-02	9.699141E-02	0.1	-9.2	20	
Bromomethane	A	10.0	4.39	0.2488064	0.1569373	0.1	-56.1	20	*
Carbon disulfide	A	10.0	8.83	2.496481	2.205231	0.1	-11.7	20	
Carbon tetrachloride	A	10.0	9.86	1.241474	1.470709	0.1	-1.4	20	
Chlorobenzene	A	10.0	9.53	0.762497	0.7267639	0.5	-4.7	20	
Chloroethane	A	10.0	8.57	0.7733468	0.6627829	0.1	-14.3	20	
Chloroform	A	10.0	11.3	1.721518	1.950584	0.2	13.3	20	
Chloromethane	A	10.0	7.97	1.074491	0.8567056	0.1	-20.3	20	*
cis-1,2-Dichloroethylene	A	10.0	11.0	1.686432	1.847037	0.1	9.5	20	
cis-1,3-Dichloropropylene	A	10.0	10.1	0.4620649	0.4664041	0.2	0.9	20	
Cyclohexane	A	10.0	9.96	2.061052	2.053351	0.1	-0.4	20	
Dibromochloromethane	A	10.0	9.35	0.2026192	0.2187063	0.1	-6.5	20	
Dibromomethane	A	10.0	10.3	0.1282561	0.1326022		3.4	20	
Dichlorodifluoromethane	A	10.0	8.89	1.148185	1.020179	0.1	-11.1	20	
Diisopropyl ether (DIPE)	A	10.0	11.3	3.386085	3.82246		12.9	20	
Ethyl Benzene	A	10.0	9.69	1.605892	1.556566	0.1	-3.1	20	
Ethyl tert-butyl ether (ETBE)	A	10.0	11.5	2.887258	3.320527		15.0	20	
Hexachlorobutadiene	A	10.0	9.23	0.1534173	0.1416675		-7.7	20	
Iodomethane	A	10.0	2.93	0.2934694	0.1319551		-70.7	20	*
Isopropylbenzene	A	10.0	9.42	3.895145	3.670098	0.1	-5.8	20	
Methyl acetate	A	10.0	10.7	0.4357476	0.4679558	0.1	7.4	20	
Methyl Methacrylate	A	10.0	9.88	0.1446118	0.1428265		-1.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	VOA No. 8	Calibration:	SC40057
Lab File ID:	V854690.D	Calibration Date:	03/28/24 08:00
Sequence:	S4D1711	Injection Date:	04/16/24
Lab Sample ID:	S4D1711-CCV1	Injection Time:	09:26

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Methyl tert-butyl ether (MTBE)	A	10.0	11.4	2.233503	2.556991	0.1	14.5	20	
Methylcyclohexane	A	10.0	8.60	0.6169444	0.5307602	0.1	-14.0	20	
Methylene chloride	A	10.0	10.2	1.358627	1.384036	0.1	1.9	20	
Naphthalene	A	10.0	8.73	1.035026	0.9039364		-12.7	20	
n-Butylbenzene	A	10.0	7.39	0.5184535	0.3948937		-26.1	20	*
n-Propylbenzene	A	10.0	9.29	4.744316	4.407028		-7.1	20	
o-Xylene	A	10.0	9.76	1.207027	1.177588	0.3	-2.4	20	
p- & m- Xylenes	A	20.0	20.3	1.20778	1.226299	0.1	1.5	20	
p-Diethylbenzene	A	10.0	8.50	1.595994	1.356404		-15.0	20	
p-Ethyltoluene	A	10.0	9.28	3.738652	3.469062		-7.2	20	
p-Isopropyltoluene	A	10.0	8.90	3.011698	2.68093		-11.0	20	
sec-Butylbenzene	A	10.0	8.76	3.569532	3.125327		-12.4	20	
Styrene	A	10.0	9.27	0.8898987	0.8251931	0.3	-7.3	20	
tert-Amyl alcohol (TAA)	A	100	117	5.915798E-02	6.938246E-02		17.3	20	
tert-Amyl methyl ether (TAME)	A	10.0	11.1	2.817781	3.123726		10.9	20	
tert-Butyl alcohol (TBA)	A	50.0	61.5	6.380014E-02	7.852789E-02		23.1	20	*
tert-Butylbenzene	A	10.0	9.15	2.487746	2.276745		-8.5	20	
Tetrachloroethylene	A	10.0	7.69	0.6272977	0.6125283	0.2	-23.1	20	*
Tetrahydrofuran	A	10.0	10.4	6.250964E-02	6.492604E-02		3.9	20	
Toluene	A	10.0	9.43	1.415259	1.33436	0.4	-5.7	20	
trans-1,2-Dichloroethylene	A	10.0	10.8	1.500982	1.618513	0.1	7.8	20	
trans-1,3-Dichloropropylene	A	10.0	10.8	0.3646197	0.3941814	0.1	8.1	20	
trans-1,4-dichloro-2-butene	A	10.0	10.2	0.5206025	0.529233		1.7	20	
Trichloroethylene	A	10.0	9.90	0.3665968	0.3630105	0.2	-1.0	20	
Trichlorofluoromethane	A	10.0	10.5	1.782335	1.869667	0.1	4.9	20	
Vinyl acetate	A	10.0	12.3	1.565707	1.919702		22.6	20	*
Vinyl Chloride	A	10.0	8.20	1.315343	1.079228	0.1	-18.0	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\041624\
Data File : V854696.D
Acq On : 16 Apr 2024 2:50 pm
Operator : PD
InstName : VOA No. 8
Sample : 24D0867-02
Misc : QBV8A- 8260 LM A
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 17 08:24:57 2024
Quant Method : C:\msdchem\1\methods\V8-032824.M
Quant Title : Volatile Organics EPA 8260C & 8260D & 624.1
QLast Update : Sat Mar 30 10:44:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.638	70	235620	10.00	ppb		0.00
45) CHLOROBENZENE-d5 (ISTD)	8.655	117	800235	10.00	ppb		0.00
74) 1,2-DICHLOROBENZENE-d4...	11.630	152	294849	10.00	ppb		0.00
System Monitoring Compounds							
40) d4-1,2-Dichloroethane ...	5.364	65	313760	12.37	ppb		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 123.70%				
57) Toluene-d8 (SURR)	7.147	98	1100267	9.50	ppb		0.00
Spiked Amount 10.000	Range 84 - 117		Recovery = 95.00%				
76) p-Bromofluorobenzene (...	9.921	95	411449	10.48	ppb		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.80%				
Target Compounds							Qvalue
5) Feeon 22	1.501	51	55409	1.88	ppb		92
16) Acetone	3.022	43	5135	0.78	ppb		91
20) Methyl Acetate	3.326	43	2330	0.23	ppb	#	55
22) tert-Butyl Alcohol (TBA)	3.545	59	3847	2.56	ppb	#	64
23) tert-Butyl Methyl Ethe...	3.606	73	66670	1.27	ppb		95
34) Tetrahydrofuran	4.859	71	858	0.58	ppb		75
37) Cyclohexane	5.023	56	21474	0.44	ppb		91
42) tert-Amyl alcohol (TAA)	5.425	59	1663	1.19	ppb	#	1
43) tert-Amyl methyl ether...	5.431	73	14220	0.21	ppb		93
58) Toluene	7.214	91	1472639	13.00	ppb		100
67) Chlorobenzene	8.680	112	1156702	18.96	ppb		99
68) Ethyl Benzene	8.765	91	3917415	30.48	ppb		100
70) p- & m-Xylenes	8.887	91	15876928	164.27	ppb	#	82
71) o-Xylene	9.318	91	1540242	15.95	ppb		98
72) Styrene	9.318	104	33809	0.47	ppb	#	1
75) Isopropylbenzene	9.702	105	370739	3.23	ppb		97
79) n-Propylbenzene	10.152	91	980094	7.01	ppb		98
81) trans-1,4-Dichloro-2-b...	11.223	75	76252	4.97	ppb	#	38
82) p-Ethyltoluene	10.249	105	1705790	15.47	ppb	#	41
84) 1,3,5-Trimethylbenzene	10.347	105	823947	8.93	ppb		98
87) 1,2,4-Trimethylbenzene	10.766	105	2110476	23.89	ppb		99
88) sec-Butylbenzene	10.949	105	56282m	0.53	ppb		
89) p-Isopropyltoluene	11.107	119	23292	0.26	ppb		97
91) 1,4-Dichlorobenzene	11.223	146	142122	3.42	ppb		98
92) 1,2,3-Trimethylbenzene	11.253	105	1856046	23.08	ppb		99
93) p-Diethylbenzene	11.539	105	82855	1.76	ppb	#	43
94) n-Butylbenzene	11.545	134	77677	4.96	ppb	#	1
95) 1,2-Dichlorobenzene	11.655	146	9900	0.28	ppb		92
97) 1,2,4,5-Tetramethylben...	12.433	119	94596	1.51	ppb		99
102) Naphthalene	13.766	128	85541	2.80	ppb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\041624\
Data File : V854697.D
Acq On : 16 Apr 2024 3:19 pm
Operator : PD
InstName : VOA No. 8
Sample : 24D0867-03
Misc : QBV8A- 8260 LM A
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 17 09:29:30 2024
Quant Method : C:\msdchem\1\methods\V8-032824.M
Quant Title : Volatile Organics EPA 8260C & 8260D & 624.1
QLast Update : Sat Mar 30 10:44:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.638	70	223514	10.00	ppb		0.00
45) CHLOROBENZENE-d5 (ISTD)	8.655	117	750772	10.00	ppb		0.00
74) 1,2-DICHLOROBENZENE-d4...	11.636	152	286085	10.00	ppb		0.00
System Monitoring Compounds							
40) d4-1,2-Dichloroethane ...	5.364	65	297342	12.36	ppb		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 123.60%				
57) Toluene-d8 (SURR)	7.146	98	1043228	9.60	ppb		0.00
Spiked Amount 10.000	Range 84 - 117		Recovery = 96.00%				
76) p-Bromofluorobenzene (...	9.921	95	389365	10.22	ppb		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.20%				
Target Compounds							Qvalue
5) Feeon 22	1.501	51	36359	1.30	ppb		94
16) Acetone	3.022	43	10315	1.65	ppb		92
23) tert-Butyl Methyl Ethe...	3.606	73	16323	0.33	ppb		96
32) 2-Butanone	4.622	72	776	0.39	ppb		66
34) Tetrahydrofuran	4.859	71	4205	3.01	ppb		97
58) Toluene	7.213	91	2262947	21.30	ppb		100
67) Chlorobenzene	8.680	112	623525	10.89	ppb		98
68) Ethyl Benzene	8.765	91	2899519	24.05	ppb		99
70) p- & m-Xylenes	8.886	91	8474476	93.46	ppb		96
71) o-Xylene	9.318	91	966034	10.66	ppb		98
72) Styrene	9.318	104	22042	0.33	ppb	#	1
75) Isopropylbenzene	9.702	105	84596	0.76	ppb		95
79) n-Propylbenzene	10.152	91	199141	1.47	ppb		98
81) trans-1,4-Dichloro-2-b...	11.222	75	19275	1.29	ppb	#	94
82) p-Ethyltoluene	10.249	105	438603	4.10	ppb	#	41
84) 1,3,5-Trimethylbenzene	10.346	105	155948	1.74	ppb		97
87) 1,2,4-Trimethylbenzene	10.766	105	473615	5.53	ppb		98
91) 1,4-Dichlorobenzene	11.222	146	42833	1.06	ppb		98
92) 1,2,3-Trimethylbenzene	11.253	105	154104	1.97	ppb		98
93) p-Diethylbenzene	11.539	105	15589	0.34	ppb		89
94) n-Butylbenzene	11.545	134	11470	0.76	ppb	#	1
95) 1,2-Dichlorobenzene	11.654	146	8161	0.24	ppb		87
97) 1,2,4,5-Tetramethylben...	12.433	119	26231	0.43	ppb		97
102) Naphthalene	13.765	128	12484	0.42	ppb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41412	Laboratory ID:	BD41412-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	19.4	77.6	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	19.6	78.2	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	20.7	82.7	30 - 130
2,4,5-Trichlorophenol	25.0	19.2	76.6	32 - 114
2,4,6-Trichlorophenol	25.0	21.1	84.3	35 - 118
2,4-Dichlorophenol	25.0	22.2	88.8	25 - 116
2,4-Dimethylphenol	25.0	18.1	72.3	15 - 116
2,4-Dinitrophenol	25.0	24.2	96.8	10 - 170
2,4-Dinitrotoluene	25.0	28.5	114	41 - 128
2,6-Dinitrotoluene	25.0	28.4	114	45 - 116
2-Chloronaphthalene	25.0	19.1	76.5	33 - 112
2-Chlorophenol	25.0	17.0	68.0	15 - 120
2-Methylnaphthalene	25.0	21.0	83.8	24 - 118
2-Methylphenol	25.0	17.4	69.8	10 - 110
2-Nitroaniline	25.0	26.0	104	34 - 129
2-Nitrophenol	25.0	25.8	103	28 - 118
3- & 4-Methylphenols	25.0	11.4	45.6	10 - 107
3,3-Dichlorobenzidine	25.0	23.3	93.3	15 - 187
3-Nitroaniline	25.0	18.4	73.8	24 - 134
4,6-Dinitro-2-methylphenol	25.0	30.5	122	10 - 153
4-Bromophenyl phenyl ether	25.0	22.5	90.0	34 - 120
4-Chloro-3-methylphenol	25.0	24.1	96.4	20 - 120
4-Chloroaniline	25.0	11.4	45.8	10 - 147
4-Chlorophenyl phenyl ether	25.0	20.7	82.8	27 - 121
4-Nitroaniline	25.0	22.2	88.6	13 - 134
4-Nitrophenol	25.0	33.8	135 *	10 - 131
Acetophenone	25.0	22.6	90.2	25 - 110
Benzaldehyde	25.0	17.8	71.0	29 - 117
Benzyl butyl phthalate	25.0	17.9	71.8	29 - 133
Bis(2-chloroethoxy)methane	25.0	22.8	91.3	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41412	Laboratory ID:	BD41412-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	29.6	119	17 - 125
Bis(2-chloroisopropyl)ether	25.0	28.9	116	10 - 139
Caprolactam	25.0	ND	*	10 - 137
Carbazole	25.0	20.1	80.4	42 - 126
Dibenzofuran	25.0	20.0	80.1	36 - 113
Diethyl phthalate	25.0	19.4	77.4	38 - 115
Dimethyl phthalate	25.0	20.5	82.1	38 - 129
Di-n-butyl phthalate	25.0	19.0	76.2	31 - 120
Di-n-octyl phthalate	25.0	18.4	73.6	21 - 149
Hexachlorocyclopentadiene	25.0	6.41	25.6	10 - 130
Isophorone	25.0	25.8	103	25 - 127
N-nitroso-di-n-propylamine	25.0	23.6	94.6	26 - 122
N-Nitrosodiphenylamine	25.0	22.5	89.9	23 - 149
Phenol	25.0	7.52	30.1	10 - 110
Pyridine	35.0	11.7	33.3	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41412	Laboratory ID:	BD41412-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	23.1	92.2	17.3	20	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	23.4	93.6	18.0	20	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	24.2	96.8	15.7	20	30 - 130
2,4,5-Trichlorophenol	25.0	22.6	90.2	16.3	20	32 - 114
2,4,6-Trichlorophenol	25.0	24.8	99.3	16.3	20	35 - 118
2,4-Dichlorophenol	25.0	25.7	103	14.6	20	25 - 116
2,4-Dimethylphenol	25.0	21.7	86.9	18.3	20	15 - 116
2,4-Dinitrophenol	25.0	28.7	115	17.1	20	10 - 170
2,4-Dinitrotoluene	25.0	34.8	139 *	19.9	20	41 - 128
2,6-Dinitrotoluene	25.0	33.6	135 *	16.8	20	45 - 116
2-Chloronaphthalene	25.0	22.7	90.7	17.0	20	33 - 112
2-Chlorophenol	25.0	20.7	82.8	19.7	20	15 - 120
2-Methylnaphthalene	25.0	24.4	97.6	15.1	20	24 - 118
2-Methylphenol	25.0	21.6	86.6	21.4 *	20	10 - 110
2-Nitroaniline	25.0	31.1	124	17.7	20	34 - 129
2-Nitrophenol	25.0	30.2	121 *	15.6	20	28 - 118
3- & 4-Methylphenols	25.0	14.1	56.6	21.4 *	20	10 - 107
3,3-Dichlorobenzidine	25.0	27.2	109	15.2	20	15 - 187
3-Nitroaniline	25.0	22.0	88.2	17.8	20	24 - 134
4,6-Dinitro-2-methylphenol	25.0	38.2	153	22.4 *	20	10 - 153
4-Bromophenyl phenyl ether	25.0	26.7	107	17.1	20	34 - 120
4-Chloro-3-methylphenol	25.0	28.2	113	15.7	20	20 - 120
4-Chloroaniline	25.0	14.2	56.6	21.2 *	20	10 - 147
4-Chlorophenyl phenyl ether	25.0	24.5	98.1	16.8	20	27 - 121
4-Nitroaniline	25.0	25.8	103	15.1	20	13 - 134
4-Nitrophenol	25.0	41.3	165 *	19.9	20	10 - 131
Acetophenone	25.0	26.2	105	15.1	20	25 - 110
Benzaldehyde	25.0	21.0	83.9	16.6	20	29 - 117
Benzyl butyl phthalate	25.0	21.4	85.5	17.5	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	26.7	107	15.8	20	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41412	Laboratory ID:	BD41412-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	34.4	138 *	14.9	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	29.0	116	0.518	20	10 - 139
Caprolactam	25.0	ND	*		20	10 - 137
Carbazole	25.0	24.1	96.4	18.1	20	42 - 126
Dibenzofuran	25.0	23.7	95.0	17.0	20	36 - 113
Diethyl phthalate	25.0	22.8	91.4	16.5	20	38 - 115
Dimethyl phthalate	25.0	24.2	96.7	16.3	20	38 - 129
Di-n-butyl phthalate	25.0	22.8	91.2	17.9	20	31 - 120
Di-n-octyl phthalate	25.0	22.8	91.3	21.4 *	20	21 - 149
Hexachlorocyclopentadiene	25.0	8.54	34.2	28.5 *	20	10 - 130
Isophorone	25.0	30.2	121	15.6	20	25 - 127
N-nitroso-di-n-propylamine	25.0	27.8	111	16.2	20	26 - 122
N-Nitrosodiphenylamine	25.0	26.9	108	17.9	20	23 - 149
Phenol	25.0	10.7	42.7	34.6 *	20	10 - 110
Pyridine	35.0	12.4	35.6	6.55	20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40028
Instrument: BNA #3
Calibration Date: 03/12/24 00:17

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5791596	6.045494	7.7345	7.446584E-03			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4951817	9.890641	7.490167	6.22828E-03			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2868768	5.891685	6.6855	1.158363E-02			20	
1,2-Dichlorobenzene	1.474732	5.927577	5.950667	1.783826E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.6582099	7.38921	9.268375	0.0211581			20	
1,3-Dichlorobenzene	1.516614	6.007901	5.781667	2.392553E-02			20	
1,4-Dichlorobenzene	1.576026	5.880449	5.815667	1.495269E-02			20	
1-Methylnaphthalene	0.5890477	7.698235	7.403333	1.926141E-02			20	
2,3,4,6-Tetrachlorophenol	0.1287709	8.896537	8.82475	1.801248E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3636299	7.377183	7.615125	1.309581E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3305171	7.899852	7.576625	5.945084E-03			SPCC (0.2)	
2,4-Dichlorophenol	0.2630672	7.112813	6.613875	2.284873E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2786744	7.503663	6.44325	1.392331E-02			SPCC (0.2)	
2,4-Dinitrophenol	8.245314E-02	40.23118	8.474125	2.118498E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.2872492	17.78795	8.655833	2.680624E-03			SPCC (0.2)	
2,6-Dinitrotoluene	0.2136101	18.78632	8.183	2.215235E-02			SPCC (0.2)	
2-Chloronaphthalene	1.102644	6.207726	7.766667	1.698777E-02			SPCC (0.8)	
2-Chlorophenol	1.370131	6.636942	5.683375	1.916069E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6607882	7.050412	7.300667	6.108181E-03			SPCC (0.4)	
2-Methylphenol	1.097348	6.926928	5.972875	2.310356E-02			SPCC (0.7)	
2-Nitroaniline	0.3033566	15.69936	7.900667	8.628656E-03			SPCC (0.01)	
2-Nitrophenol	0.1464626	11.02831	6.45375	3.562524E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.678887	7.339588	6.067	1.681308E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.3700062	11.06938	16.081	3.908163E-03			SPCC (0.01)	
3-Nitroaniline	0.2799666	13.53211	8.357167	2.746878E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.835517E-02	39.71526	9.201	2.706848E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1905695	5.83299	9.768667	1.776873E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2630321	7.405124	7.1465	1.694633E-02			SPCC (0.2)	
4-Chloroaniline	0.4024316	6.475718	6.788	1.451046E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6194848	6.303774	9.045	1.167683E-02			SPCC (0.4)	
4-Nitroaniline	0.276694	14.17385	9.158167	4.593023E-02			SPCC (0.01)	
4-Nitrophenol	0.1823601	16.13272	8.503625	3.241191E-02			SPCC (0.01)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40028
Laboratory ID: S4C1317-SCV1
Sequence: S4C1317
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
2,3,4,6-Tetrachlorophenol	30.0	30.6	1.8	30.00
2,4,5-Trichlorophenol	30.0	28.0	-6.7	30.00
2,4,6-Trichlorophenol	30.0	28.4	-5.2	30.00
2,4-Dichlorophenol	30.0	29.3	-2.4	30.00
2,4-Dimethylphenol	30.0	19.4	-35.5 *	30.00
2,4-Dinitrophenol	30.0	38.3	27.7	30.00
2,4-Dinitrotoluene	30.0	32.8	9.3	30.00
2,6-Dinitrotoluene	30.0	34.7	15.5	30.00
2-Chloronaphthalene	30.0	27.8	-7.3	30.00
2-Chlorophenol	30.0	28.4	-5.3	30.00
2-Methylnaphthalene	30.0	29.4	-2.0	30.00
2-Methylphenol	30.0	27.2	-9.4	30.00
2-Nitroaniline	30.0	31.8	5.9	30.00
2-Nitrophenol	30.0	31.0	3.2	30.00
3- & 4-Methylphenols	30.0	23.9	-20.3	30.00
3-Nitroaniline	30.0	32.2	7.4	30.00
4,6-Dinitro-2-methylphenol	30.0	37.1	23.5	30.00
4-Bromophenyl phenyl ether	30.0	27.7	-7.6	30.00
4-Chloro-3-methylphenol	30.0	29.4	-2.1	30.00
4-Chloroaniline	30.0	27.4	-8.7	30.00
4-Chlorophenyl phenyl ether	30.0	27.0	-10.1	30.00
4-Nitroaniline	30.0	32.5	8.3	30.00
4-Nitrophenol	30.0	32.5	8.2	30.00
Benzyl butyl phthalate	30.0	28.4	-5.5	30.00
Bis(2-chloroethoxy)methane	30.0	28.8	-4.0	30.00
Bis(2-chloroethyl)ether	30.0	27.3	-8.9	30.00
Bis(2-chloroisopropyl)ether	30.0	27.3	-9.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SC40028
Laboratory ID: S4C1317-SCV1
Sequence: S4C1317
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Carbazole	30.0	28.1	-6.4	30.00
Dibenzofuran	30.0	27.4	-8.6	30.00
Diethyl phthalate	30.0	27.9	-7.0	30.00
Dimethyl phthalate	30.0	28.0	-6.5	30.00
Di-n-butyl phthalate	30.0	28.3	-5.6	30.00
Di-n-octyl phthalate	30.0	28.5	-4.9	30.00
Hexachlorocyclopentadiene	30.0	13.2	-55.9 *	30.00
Isophorone	30.0	29.7	-0.9	30.00
N-nitroso-di-n-propylamine	30.0	26.7	-11.0	30.00
N-Nitrosodiphenylamine	30.0	31.9	6.2	30.00
Phenol	30.0	27.3	-9.0	30.00
Pyridine	30.0	19.8	-34.0 *	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #3	Calibration:	SC40028
Lab File ID:	SV302629.D	Calibration Date:	03/12/24 00:17
Sequence:	S4D1906	Injection Date:	04/18/24
Lab Sample ID:	S4D1906-CCV1	Injection Time:	11:20

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1-Biphenyl	A	30.0	29.2	0.5791596	0.5633872	0.01	-2.7	20
1,2,4,5-Tetrachlorobenzene	A	30.0	32.1	0.4951817	0.5287156	0.01	6.8	20
2,3,4,6-Tetrachlorophenol	A	30.0	29.2	0.1287709	0.1252199	0.01	-2.8	20
2,4,5-Trichlorophenol	A	30.0	28.4	0.3636299	0.3444837	0.2	-5.3	20
2,4,6-Trichlorophenol	A	30.0	31.3	0.3305171	0.3445828	0.2	4.3	20
2,4-Dichlorophenol	A	30.0	30.6	0.2630672	0.2680437	0.2	1.9	20
2,4-Dimethylphenol	A	30.0	29.8	0.2786744	0.2766443	0.2	-0.7	20
2,4-Dinitrophenol	A	30.0	45.1	8.245314E-02	0.1238119	0.01	50.2	20 *
2,4-Dinitrotoluene	A	30.0	44.2	0.2872492	0.4222846	0.2	47.0	20 *
2,6-Dinitrotoluene	A	30.0	42.4	0.2136101	0.3011194	0.2	41.0	20 *
2-Chloronaphthalene	A	30.0	29.2	1.102644	1.072372	0.8	-2.7	20
2-Chlorophenol	A	30.0	29.0	1.370131	1.323309	0.8	-3.4	20
2-Methylnaphthalene	A	30.0	30.0	0.6607882	0.6603738	0.4	-0.06	20
2-Methylphenol	A	30.0	33.6	1.097348	1.227073	0.7	11.8	20
2-Nitroaniline	A	30.0	39.8	0.3033566	0.4018247	0.01	32.5	20 *
2-Nitrophenol	A	30.0	35.8	0.1464626	0.1746164	0.1	19.2	20
3- & 4-Methylphenols	A	30.0	35.3	1.678887	1.973036	0.6	17.5	20
3,3-Dichlorobenzidine	A	30.0	40.8	0.3700062	0.5022526	0.01	35.7	20 *
3-Nitroaniline	A	30.0	38.0	0.2799666	0.3524452	0.01	25.9	20 *
4,6-Dinitro-2-methylphenol	A	30.0	49.0	6.835517E-02	0.1116737	0.01	63.4	20 *
4-Bromophenyl phenyl ether	A	30.0	33.2	0.1905695	0.2106864	0.1	10.6	20
4-Chloro-3-methylphenol	A	30.0	34.4	0.2630321	0.3012494	0.2	14.5	20
4-Chloroaniline	A	30.0	30.6	0.4024316	0.4097958	0.01	1.8	20
4-Chlorophenyl phenyl ether	A	30.0	32.0	0.6194848	0.6593793	0.4	6.4	20
4-Nitroaniline	A	30.0	34.9	0.276694	0.3201753	0.01	15.7	20
4-Nitrophenol	A	30.0	1.45	0.1823601	8.792583E-03	0.01	-95.2	20 *
Acetophenone	A	30.0	33.6	1.949737	2.18633	0.01	12.1	20
Benzaldehyde	A	30.0	31.7	1.118669	1.183361	0.01	5.8	20
Benzyl butyl phthalate	A	30.0	27.6	0.5452093	0.5023585		-7.9	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #3	Calibration:	SC40028
Lab File ID:	SV302629.D	Calibration Date:	03/12/24 00:17
Sequence:	S4D1906	Injection Date:	04/18/24
Lab Sample ID:	S4D1906-CCV1	Injection Time:	11:20

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bis(2-chloroethoxy)methane	A	30.0	31.9	0.373197	0.3895533	0.3	4.4	20	
Bis(2-chloroethyl)ether	A	30.0	76.8	1.350378	3.512846	0.7	160	20	*
Bis(2-chloroisopropyl)ether	A	30.0	37.5	1.368763	1.709577	0.01	24.9	20	*
Caprolactam	A	30.0	29.9	0.1049611	0.1046957	0.01	-0.3	20	
Carbazole	A	30.0	30.5	1.012156	1.02924	0.01	1.7	20	
Dibenzofuran	A	30.0	30.5	1.632054	1.65485	0.8	1.4	20	
Diethyl phthalate	A	30.0	28.8	1.260808	1.206688	0.01	-4.3	20	
Dimethyl phthalate	A	30.0	29.6	1.267451	1.249592	0.01	-1.4	20	
Di-n-butyl phthalate	A	30.0	27.7	1.183019	1.091234	0.01	-7.8	20	
Di-n-octyl phthalate	A	30.0	29.8	1.249728	1.24248	0.01	-0.6	20	
Hexachlorocyclopentadiene	A	30.0	18.1	0.32033	0.1928466	0.05	-39.8	20	*
Isophorone	A	30.0	33.8	0.5763201	0.6502753	0.4	12.8	20	
N-nitroso-di-n-propylamine	A	30.0	32.8	0.9210292	1.006483	0.5	9.3	20	
N-Nitrosodiphenylamine	A	30.0	29.2	0.1886889	0.1834522	0.01	-2.8	20	
Phenol	A	30.0	35.9	1.667219	1.99546	0.8	19.7	20	
Pyridine	A	30.0	32.9	1.286107	1.410471		9.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #3	Calibration:	SC40028
Lab File ID:	SV302651.D	Calibration Date:	03/12/24 00:17
Sequence:	S4D1925	Injection Date:	04/19/24
Lab Sample ID:	S4D1925-CCV1	Injection Time:	09:07

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1-Biphenyl	A	30.0	28.8	0.5791596	0.5553777	0.01	-4.1	20
1,2,4,5-Tetrachlorobenzene	A	30.0	31.6	0.4951817	0.5200205	0.01	5.0	20
2,3,4,6-Tetrachlorophenol	A	30.0	27.5	0.1287709	0.1179919	0.01	-8.4	20
2,4,5-Trichlorophenol	A	30.0	31.2	0.3636299	0.3778461	0.2	3.9	20
2,4,6-Trichlorophenol	A	30.0	31.2	0.3305171	0.3430667	0.2	3.8	20
2,4-Dichlorophenol	A	30.0	30.6	0.2630672	0.2686364	0.2	2.1	20
2,4-Dimethylphenol	A	30.0	30.2	0.2786744	0.2808666	0.2	0.8	20
2,4-Dinitrophenol	A	30.0	46.8	8.245314E-02	0.1284184	0.01	55.7	20 *
2,4-Dinitrotoluene	A	30.0	43.5	0.2872492	0.4158716	0.2	44.8	20 *
2,6-Dinitrotoluene	A	30.0	42.0	0.2136101	0.2983854	0.2	39.7	20 *
2-Chloronaphthalene	A	30.0	29.1	1.102644	1.068194	0.8	-3.1	20
2-Chlorophenol	A	30.0	27.4	1.370131	1.251324	0.8	-8.7	20
2-Methylnaphthalene	A	30.0	30.4	0.6607882	0.6705544	0.4	1.5	20
2-Methylphenol	A	30.0	17.0	1.097348	0.6238352	0.7 *	-43.2	20 *
2-Nitroaniline	A	30.0	35.3	0.3033566	0.3567851	0.01	17.6	20
2-Nitrophenol	A	30.0	31.7	0.1464626	0.1548229	0.1	5.7	20
3- & 4-Methylphenols	A	30.0	30.0	1.678887	1.68192	0.6	0.2	20
3,3-Dichlorobenzidine	A	30.0	40.6	0.3700062	0.5003973	0.01	35.2	20 *
3-Nitroaniline	A	30.0	35.2	0.2799666	0.3263176	0.01	16.6	20
4,6-Dinitro-2-methylphenol	A	30.0	53.7	6.835517E-02	0.1223117	0.01	78.9	20 *
4-Bromophenyl phenyl ether	A	30.0	33.8	0.1905695	0.2149165	0.1	12.8	20
4-Chloro-3-methylphenol	A	30.0	34.8	0.2630321	0.3053295	0.2	16.1	20
4-Chloroaniline	A	30.0	30.0	0.4024316	0.4021184	0.01	-0.08	20
4-Chlorophenyl phenyl ether	A	30.0	32.5	0.6194848	0.6698856	0.4	8.1	20
4-Nitroaniline	A	30.0	39.1	0.276694	0.3592316	0.01	29.8	20 *
4-Nitrophenol	A	30.0	38.4	0.1823601	0.2328759	0.01	27.7	20 *
Acetophenone	A	30.0	32.4	1.949737	2.102803	0.01	7.9	20
Benzaldehyde	A	30.0	30.7	1.118669	1.145925	0.01	2.4	20
Benzyl butyl phthalate	A	30.0	28.6	0.5452093	0.5195347		-4.7	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #3	Calibration:	SC40028
Lab File ID:	SV302651.D	Calibration Date:	03/12/24 00:17
Sequence:	S4D1925	Injection Date:	04/19/24
Lab Sample ID:	S4D1925-CCV1	Injection Time:	09:07

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bis(2-chloroethoxy)methane	A	30.0	32.9	0.373197	0.4012786	0.3	7.5	20	
Bis(2-chloroethyl)ether	A	30.0	73.5	1.350378	3.362616	0.7	149	20	*
Bis(2-chloroisopropyl)ether	A	30.0	35.1	1.368763	1.603111	0.01	17.1	20	
Caprolactam	A	30.0	29.7	0.1049611	0.1040501	0.01	-0.9	20	
Carbazole	A	30.0	30.1	1.012156	1.015614	0.01	0.3	20	
Dibenzofuran	A	30.0	30.2	1.632054	1.637933	0.8	0.4	20	
Diethyl phthalate	A	30.0	30.5	1.260808	1.280313	0.01	1.5	20	
Dimethyl phthalate	A	30.0	30.5	1.267451	1.287362	0.01	1.6	20	
Di-n-butyl phthalate	A	30.0	30.5	1.183019	1.200738	0.01	1.5	20	
Di-n-octyl phthalate	A	30.0	33.3	1.249728	1.388341	0.01	11.1	20	
Hexachlorocyclopentadiene	A	30.0	28.6	0.32033	0.3047861	0.05	-4.9	20	
Isophorone	A	30.0	35.2	0.5763201	0.6759172	0.4	17.3	20	
N-nitroso-di-n-propylamine	A	30.0	35.0	0.9210292	1.072968	0.5	16.5	20	
N-Nitrosodiphenylamine	A	30.0	29.1	0.1886889	0.1828632	0.01	-3.1	20	
Phenol	A	30.0	33.8	1.667219	1.877448	0.8	12.6	20	
Pyridine	A	30.0	32.8	1.286107	1.407756		9.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41412	Laboratory ID:	BD41412-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.670	67.0	25 - 116
Acenaphthylene	1.00	0.740	74.0	26 - 116
Anthracene	1.00	0.470	47.0	25 - 123
Benzo(a)anthracene	1.00	0.730	73.0	33 - 125
Benzo(a)pyrene	1.00	0.690	69.0	32 - 132
Benzo(b)fluoranthene	1.00	0.890	89.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.950	95.0	10 - 138
Benzo(k)fluoranthene	1.00	0.830	83.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	1.07	107	10 - 189
Chrysene	1.00	0.760	76.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.950	95.0	16 - 133
Fluoranthene	1.00	0.830	83.0	32 - 121
Fluorene	1.00	0.760	76.0	28 - 118
Hexachlorobenzene	1.00	0.960	96.0	23 - 124
Hexachlorobutadiene	1.00	0.720	72.0	15 - 123
Hexachloroethane	1.00	3.58	358 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.950	95.0	15 - 135
Naphthalene	1.00	0.770	77.0	18 - 120
Nitrobenzene	1.00	0.490	49.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	1.24	124	10 - 156
Phenanthrene	1.00	0.710	71.0	24 - 127
Pyrene	1.00	0.740	74.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D0867
Client:	DT Consulting Services			Project:	Willow Brook Rentals LLC
Matrix:	Water	Laboratory ID:	BD41412-BLK2	File ID:	SV51889.D
Prepared:	04/18/24 07:45	Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Analyzed:	04/18/24 14:38	Instrument:	BNA #5		
Batch:	BD41412	Sequence:	S4D1838	Calibration:	SD40009

CAS NO.	COMPOUND	CONC. (ug/L)	Q
83-32-9	Acenaphthene	0.0500	U
208-96-8	Acenaphthylene	0.0500	U
120-12-7	Anthracene	0.0500	U
1912-24-9	Atrazine	0.500	U
56-55-3	Benzo(a)anthracene	0.0500	U
50-32-8	Benzo(a)pyrene	0.0500	U
205-99-2	Benzo(b)fluoranthene	0.0500	U
191-24-2	Benzo(g,h,i)perylene	0.0500	U
207-08-9	Benzo(k)fluoranthene	0.0500	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.500	U
218-01-9	Chrysene	0.0500	U
53-70-3	Dibenzo(a,h)anthracene	0.0500	U
206-44-0	Fluoranthene	0.0500	U
86-73-7	Fluorene	0.0500	U
118-74-1	Hexachlorobenzene	0.0200	U
87-68-3	Hexachlorobutadiene	0.500	U
67-72-1	Hexachloroethane	0.500	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.0500	U
91-20-3	Naphthalene	0.0600	
98-95-3	Nitrobenzene	0.250	U
62-75-9	N-Nitrosodimethylamine	0.500	U
87-86-5	Pentachlorophenol	0.250	U
85-01-8	Phenanthrene	0.0500	U
129-00-0	Pyrene	0.0500	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	13195870	7.62	14471830	7.61	
ISTD: Acenaphthene-d10	19235340	11.54	20775570	11.54	
ISTD: Chrysene-d12	27529520	17.44	29824260	17.44	
ISTD: Naphthalene-d8	32863740	9.17	36508920	9.17	
ISTD: Perylene-d12	31199530	19.34	35715090	19.34	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SD40009
Laboratory ID: S4D0813-SCV1
Sequence: S4D0813
Standard ID: S24B073

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Acenaphthene	1.00	1.12	12.0	30.00
Acenaphthylene	1.00	1.20	20.0	30.00
Anthracene	1.00	1.16	16.0	30.00
Benzo(a)anthracene	1.00	1.19	19.0	30.00
Benzo(a)pyrene	1.00	1.26	26.0	30.00
Benzo(b)fluoranthene	1.00	1.19	19.0	30.00
Benzo(g,h,i)perylene	1.00	1.19	19.0	30.00
Benzo(k)fluoranthene	1.00	1.25	25.0	30.00
Bis(2-ethylhexyl)phthalate	1.00	1.32	32.0 *	30.00
Chrysene	1.00	1.16	16.0	30.00
Dibenzo(a,h)anthracene	1.00	1.15	15.0	30.00
Fluoranthene	1.00	1.24	24.0	30.00
Fluorene	1.00	1.19	19.0	30.00
Hexachlorobenzene	1.00	1.63	63.0 *	30.00
Hexachlorobutadiene	1.00	1.22	22.0	30.00
Hexachloroethane	1.00	6.08	508 *	30.00
Indeno(1,2,3-cd)pyrene	1.00	1.19	19.0	30.00
Naphthalene	1.00	1.12	12.0	30.00
Nitrobenzene	1.00	0.560	-44.0 *	30.00
N-Nitrosodimethylamine	1.00	1.05	5.0	30.00
Pentachlorophenol	1.00	1.56	56.0 *	30.00
Phenanthrene	1.00	1.17	17.0	30.00
Pyrene	1.00	1.25	25.0	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	BNA #5	Calibration:	SD40009
Lab File ID:	SV51884.D	Calibration Date:	04/05/24 00:56
Sequence:	S4D1838	Injection Date:	04/18/24
Lab Sample ID:	S4D1838-CCV1	Injection Time:	09:03

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	0.780	1.079488	0.8395291		-22.2	30	
Acenaphthylene	A	1.00	0.830	1.532333	1.278647		-16.6	30	
Anthracene	A	1.00	0.880	1.04562	0.9174015		-12.3	30	
Atrazine	A	2.50	2.43	0.1832364	0.1782645		-2.7	30	
Benzo(a)anthracene	A	1.00	0.820	1.240716	1.022308		-17.6	30	
Benzo(a)pyrene	A	1.00	0.980	0.9133252	0.8992337		-1.5	30	
Benzo(b)fluoranthene	A	1.00	0.920	0.9819329	0.9022445		-8.1	30	
Benzo(g,h,i)perylene	A	1.00	1.00	0.9126738	0.9116475		-0.1	30	
Benzo(k)fluoranthene	A	1.00	0.900	1.083862	0.9709636		-10.4	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.61	0.739904	0.7718538		4.3	30	
Chrysene	A	1.00	0.840	1.262003	1.059862		-16.0	30	
Dibenzo(a,h)anthracene	A	1.00	1.04	0.9607258	0.9974689		3.8	30	
Fluoranthene	A	1.00	0.910	1.021025	0.9280631		-9.1	30	
Fluorene	A	1.00	0.830	1.228553	1.016573		-17.3	30	
Hexachlorobenzene	A	0.100	0.0900	0.1516626	0.132509		-12.6	30	
Hexachlorobutadiene	A	2.50	2.35	0.1432834	0.1345076		-6.1	30	
Hexachloroethane	A	2.50	2.30	5.342872E-02	4.910152E-02		-8.1	30	
Indeno(1,2,3-cd)pyrene	A	1.00	1.00	0.9132987	0.9114286		-0.2	30	
Naphthalene	A	1.00	0.800	1.066978	0.8543089		-19.9	30	
Nitrobenzene	A	1.25	1.33	0.6962317	1.48318		113	30	*
N-Nitrosodimethylamine	A	2.50	2.19	0.3506061	0.3068559		-12.5	30	
Pentachlorophenol	A	1.50	1.54	5.144819E-02	5.288708E-02		2.8	30	
Phenanthrene	A	1.00	0.730	1.114474	0.818438		-26.6	30	
Pyrene	A	1.00	0.810	1.3299	1.073875		-19.3	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4D2262
Instrument: LCQQQ
Calibration: SD40022

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-8 (24D0867-01)			Lab File ID: QQQ38085.d		Analyzed: 04/21/24 20:42			
M3PFBS	23.2	108	25 - 150	5.1503	5.120317	0.0300	+/-1.00	
M5PFHxA	24.9	119	25 - 150	5.963767	5.912971	0.0508	+/-1.00	
M4PFHpA	24.9	146	25 - 150	6.7982	6.691233	0.1070	+/-1.00	
M3PFHxS	23.6	117	25 - 150	6.899034	6.793927	0.1051	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.9	100	25 - 150	7.4831	7.349544	0.1336	+/-1.00	
M6PFDA	12.5	96.2	25 - 150	8.624267	8.473398	0.1509	+/-1.00	
M7PFUdA	12.5	82.4	25 - 150	9.069117	8.938746	0.1304	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	76.1	25 - 150	9.4571	9.34359	0.1135	+/-1.00	
M2PFTeDA	12.5	55.6	10 - 150	10.08273	10.02743	0.0553	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	99.6	15.7	25 - 150	1.195633	1.163498	0.0321	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.9	115	25 - 150	8.13185	7.984498	0.1474	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	49.8	127	25 - 150	4.384717	4.34566	0.0391	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.9	85.6	10 - 150	9.026816	8.940413	0.0864	+/-1.00	
d3-N-MeFOSAA	49.8	72.1	25 - 150	8.816767	8.672683	0.1441	+/-1.00	
d5-N-EtFOSAA	49.8	57.1	25 - 150	9.040067	8.908492	0.1316	+/-1.00	
M2-6:2 FTS	47.4	452	25 - 200	7.41745	7.283108	0.1343	+/-1.00	*
M2-8:2 FTS	47.8	108	25 - 200	8.5864	8.427277	0.1591	+/-1.00	
M9PFNA	12.5	107	25 - 150	8.096316	7.945244	0.1511	+/-1.00	
M2-4:2 FTS	46.7	666	25 - 150	5.878817	5.834669	0.0441	+/-1.00	*
d-N-MeFOSA	24.9	71.6	25 - 150	9.86825	9.813017	0.0552	+/-1.00	
d-N-EtFOSA	24.9	47.9	25 - 150	10.12578	10.09118	0.0346	+/-1.00	
M3HFPO-DA	99.6	104	25 - 150	6.2536	6.1979	0.0557	+/-1.00	
d9-N-EtFOSE	249	48.8	25 - 150	10.08538	10.04041	0.0450	+/-1.00	
d7-N-MeFOSE	249	56.2	25 - 150	9.8369	9.771829	0.0651	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4D2262
Instrument: LCQQQ
Calibration: SD40022

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-9 (24D0867-02)			Lab File ID: QQQ38086.d		Analyzed: 04/21/24 20:58			
M3PFBS	22.2	131	25 - 150	5.141067	5.120317	0.0207	+/-1.00	
M5PFHxA	23.8	136	25 - 150	5.954533	5.912971	0.0416	+/-1.00	
M4PFHpA	23.8	157	25 - 150	6.788417	6.691233	0.0972	+/-1.00	*
M3PFHxS	22.5	134	25 - 150	6.889783	6.793927	0.0959	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.8	114	25 - 150	7.492383	7.349544	0.1428	+/-1.00	
M6PFDA	11.9	108	25 - 150	8.624267	8.473398	0.1509	+/-1.00	
M7PFUdA	11.9	91.3	25 - 150	9.069117	8.938746	0.1304	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	80.4	25 - 150	9.4571	9.34359	0.1135	+/-1.00	
M2PFTeDA	11.9	50.5	10 - 150	10.08273	10.02743	0.0553	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.1	69.9	25 - 150	1.177267	1.163498	0.0138	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.8	142	25 - 150	8.13185	7.984498	0.1474	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.6	140	25 - 150	4.34795	4.34566	0.0023	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.8	82.8	10 - 150	9.026816	8.940413	0.0864	+/-1.00	
d3-N-MeFOSAA	47.6	74.4	25 - 150	8.816767	8.672683	0.1441	+/-1.00	
d5-N-EtFOSAA	47.6	66.8	25 - 150	9.040067	8.908492	0.1316	+/-1.00	
M2-6:2 FTS	45.2	623	25 - 200	7.41745	7.283108	0.1343	+/-1.00	*
M2-8:2 FTS	45.7	141	25 - 200	8.577133	8.427277	0.1499	+/-1.00	
M9PFNA	11.9	115	25 - 150	8.096316	7.945244	0.1511	+/-1.00	
M2-4:2 FTS	44.6	781	25 - 150	5.878817	5.834669	0.0441	+/-1.00	*
d-N-MeFOSA	23.8	69.9	25 - 150	9.86825	9.813017	0.0552	+/-1.00	
d-N-EtFOSA	23.8	49.4	25 - 150	10.12578	10.09118	0.0346	+/-1.00	
M3HFPO-DA	95.1	117	25 - 150	6.2536	6.1979	0.0557	+/-1.00	
d9-N-EtFOSE	238	48.6	25 - 150	10.08538	10.04041	0.0450	+/-1.00	
d7-N-MeFOSE	238	59.7	25 - 150	9.8369	9.771829	0.0651	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4D2262
Instrument: LCQQQ
Calibration: SD40022

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-10 (24D0867-03)			Lab File ID: QQQ38087.d		Analyzed: 04/21/24 21:14			
M3PFBS	23.9	107	25 - 150	5.1503	5.120317	0.0300	+/-1.00	
M5PFHxA	25.6	118	25 - 150	5.954533	5.912971	0.0416	+/-1.00	
M4PFHpA	25.6	153	25 - 150	6.7982	6.691233	0.1070	+/-1.00	*
M3PFHxS	24.3	111	25 - 150	6.899034	6.793927	0.1051	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.6	97.4	25 - 150	7.492383	7.349544	0.1428	+/-1.00	
M6PFDA	12.8	102	25 - 150	8.624267	8.473398	0.1509	+/-1.00	
M7PFUdA	12.8	87.1	25 - 150	9.05985	8.938746	0.1211	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.8	69.0	25 - 150	9.44785	9.34359	0.1043	+/-1.00	
M2PFTeDA	12.8	38.2	10 - 150	10.08273	10.02743	0.0553	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	102	64.1	25 - 150	1.177267	1.163498	0.0138	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.5	133	25 - 150	8.141117	7.984498	0.1566	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	51.2	133	25 - 150	4.366333	4.34566	0.0207	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.6	91.3	10 - 150	9.026816	8.940413	0.0864	+/-1.00	
d3-N-MeFOSAA	51.2	73.7	25 - 150	8.816767	8.672683	0.1441	+/-1.00	
d5-N-EtFOSAA	51.2	66.0	25 - 150	9.040067	8.908492	0.1316	+/-1.00	
M2-6:2 FTS	48.7	440	25 - 200	7.426717	7.283108	0.1436	+/-1.00	*
M2-8:2 FTS	49.2	105	25 - 200	8.5864	8.427277	0.1591	+/-1.00	
M9PFNA	12.8	99.7	25 - 150	8.1056	7.945244	0.1604	+/-1.00	
M2-4:2 FTS	48.0	615	25 - 150	5.878817	5.834669	0.0441	+/-1.00	*
d-N-MeFOSA	25.6	64.6	25 - 150	9.86825	9.813017	0.0552	+/-1.00	
d-N-EtFOSA	25.6	51.6	25 - 150	10.12578	10.09118	0.0346	+/-1.00	
M3HFPO-DA	102	97.6	25 - 150	6.2536	6.1979	0.0557	+/-1.00	
d9-N-EtFOSE	256	50.9	25 - 150	10.08538	10.04041	0.0450	+/-1.00	
d7-N-MeFOSE	256	54.7	25 - 150	9.8369	9.771829	0.0651	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4D2262
Instrument: LCQQQ
Calibration: SD40022

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank (24D0867-05)			Lab File ID: QQQ38090.d		Analyzed: 04/21/24 22:03			
M3PFBS	22.1	112	25 - 150	5.16875	5.120317	0.0484	+/-1.00	
M5PFHxA	23.7	94.4	25 - 150	5.973	5.912971	0.0600	+/-1.00	
M4PFHpA	23.7	166	25 - 150	6.7982	6.691233	0.1070	+/-1.00	*
M3PFHxS	22.4	112	25 - 150	6.908283	6.793927	0.1144	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.7	83.8	25 - 150	7.492383	7.349544	0.1428	+/-1.00	
M6PFDA	11.8	96.6	25 - 150	8.624267	8.473398	0.1509	+/-1.00	
M7PFUdA	11.8	82.3	25 - 150	9.069117	8.938746	0.1304	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	57.3	25 - 150	9.44785	9.34359	0.1043	+/-1.00	
M2PFTeDA	11.8	46.3	10 - 150	10.08273	10.02743	0.0553	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.7	3.46	25 - 150	1.18645	1.163498	0.0230	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.7	97.1	25 - 150	8.13185	7.984498	0.1474	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.4	51.1	25 - 150	4.393917	4.34566	0.0483	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.7	89.6	10 - 150	9.026816	8.940413	0.0864	+/-1.00	
d3-N-MeFOSAA	47.4	83.6	25 - 150	8.816767	8.672683	0.1441	+/-1.00	
d5-N-EtFOSAA	47.4	69.9	25 - 150	9.040067	8.908492	0.1316	+/-1.00	
M2-6:2 FTS	45.0	138	25 - 200	7.41745	7.283108	0.1343	+/-1.00	
M2-8:2 FTS	45.5	107	25 - 200	8.5864	8.427277	0.1591	+/-1.00	
M9PFNA	11.8	90.1	25 - 150	8.096316	7.945244	0.1511	+/-1.00	
M2-4:2 FTS	44.4	116	25 - 150	5.8973	5.834669	0.0626	+/-1.00	
d-N-MeFOSA	23.7	71.6	25 - 150	9.86825	9.813017	0.0552	+/-1.00	
d-N-EtFOSA	23.7	57.8	25 - 150	10.12578	10.09118	0.0346	+/-1.00	
M3HFPO-DA	94.7	90.4	25 - 150	6.272117	6.1979	0.0742	+/-1.00	
d9-N-EtFOSE	237	46.7	25 - 150	10.08538	10.04041	0.0450	+/-1.00	
d7-N-MeFOSE	237	50.5	25 - 150	9.8369	9.771829	0.0651	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41531	Laboratory ID:	BD41531-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	250.08 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #		QC LIMITS REC.
11CL-PF3OUdS	151	108	71.3		50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	307	312	102		50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	300	372	124		50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	304	371	122		50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	1600	2160	135		50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	1600	1850	116		50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	320	337	105		50 - 150
9CL-PF3ONS	150	140	93.6		50 - 150
ADONA	151	161	106		50 - 150
HFPO-DA (Gen-X)	160	138	86.4		50 - 150
N-EtFOSA	80.0	93.1	116		50 - 150
N-EtFOSAA	80.0	75.1	93.9		50 - 150
N-EtFOSE	800	689	86.1		50 - 150
N-MeFOSA	80.0	95.0	119		50 - 150
N-MeFOSAA	80.0	81.9	102		50 - 150
N-MeFOSE	800	713	89.1		50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	142	127	89.5		50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	77.2	51.7	67.1		50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	76.4	58.8	76.9		50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	76.8	52.3	68.2		50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	80.0	77.1	96.5		50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	75.2	68.4	91.0		50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	160	157	98.5		50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	160	63.0	39.4	*	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	160	157	98.2		50 - 150
Perfluorobutanesulfonic acid (PFBS)	70.8	61.2	86.5		50 - 150
Perfluorodecanoic acid (PFDA)	80.0	107	134		50 - 150
Perfluorododecanesulfonic acid (PFDoS)	77.6	34.1	44.0	*	50 - 150
Perfluorododecanoic acid (PFDoA)	80.0	92.7	116		50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41531	Laboratory ID:	BD41531-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250.06 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	16.0	7.75	48.4 *	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	14.6	16.4	112	50 - 150
Perfluorohexanoic acid (PFHxA)	16.0	15.1	94.3	50 - 150
Perfluoro-n-butanoic acid (PFBA)	64.0	60.7	94.9	50 - 150
Perfluorononanoic acid (PFNA)	16.0	15.5	96.9	50 - 150
Perfluorooctanesulfonic acid (PFOS)	14.9	14.2	95.2	50 - 150
Perfluorooctanoic acid (PFOA)	16.0	17.4	109	50 - 150
Perfluoropentanoic acid (PFPeA)	32.0	29.1	91.0	50 - 150
Perfluorotetradecanoic acid (PFTA)	16.0	12.6	79.1	50 - 150
Perfluorotridecanoic acid (PFTrDA)	16.0	14.8	92.5	50 - 150
Perfluoroundecanoic acid (PFUnA)	16.0	17.6	110	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Sequence: S4D2262
Instrument: LCQQQ
Calibration: SD40022

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-9 (24D0867-02)			Lab File ID: QQQ38086.d			Analyzed: 04/21/24 20:58			
M3PFBA	10870.06	1.179567	28099.07	1.225467	39	50 - 150	-0.0459	+/-0.50	*
MPFDA	5201.466	8.62465	8636.03	8.62465	60	50 - 150	0.0000	+/-0.50	
MPFHxA	11387.57	5.955717	32859.69	5.9742	35	50 - 150	-0.0185	+/-0.50	*
MPFHxS	1901.179	6.889317	3077.52	6.898567	62	50 - 150	-0.0092	+/-0.50	
MPFNA	8970.827	8.096666	15026.66	8.0874	60	50 - 150	0.0093	+/-0.50	
MPFOA	19887.52	7.49275	37647.64	7.483483	53	50 - 150	0.0093	+/-0.50	
MPFOS	5498.169	8.132383	8501.72	8.132383	65	50 - 150	0.0000	+/-0.50	
Perfluoro-n-[13C9]nonanoic acid (M9	2950.259	8.096316	4870.72	8.096316	61	0 - 500	0.0000	+/-0.50	
Perfluoro-n-[13C8]octanoic acid (M8	19897.98	7.492383	29516.84	7.4831	67	0 - 500	0.0093	+/-0.50	
Perfluoro-n-[13C54]pentanoic acid (M	46569.5	4.34795	107502.8	4.421484	43	0 - 500	-0.0735	+/-0.50	
Perfluoro-n-[13C4]butanoic acid (MP	42033.93	1.177267	145024	1.223167	29	0 - 500	-0.0459	+/-0.50	
Perfluoro-n-[1,2-13C2]dodecanoic ac	8452.178	9.4571	13399.76	9.4571	63	0 - 500	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonic aci	3156.609	8.13185	3838.402	8.13185	82	0 - 500	0.0000	+/-0.50	
Perfluoro-1-[13C8]octanesulfonamid	5622.891	9.026816	10131.73	9.008284	55	0 - 500	0.0185	+/-0.50	
M7PFUdA-EIS	9591.513	9.069117	16208.04	9.069117	59	0 - 500	0.0000	+/-0.50	
M6PFDA-EIS	7658.055	8.624267	11848.9	8.624267	65	0 - 500	0.0000	+/-0.50	
M5PFHxA-EIS	25103.45	5.954533	53742.9	5.973	47	0 - 500	-0.0185	+/-0.50	
M4PFHpA-EIS	5218.477	6.788417	15765.6	6.788417	33	0 - 500	0.0000	+/-0.50	
M3PFHxS-EIS	7584.572	6.889783	10338.28	6.899034	73	0 - 500	-0.0093	+/-0.50	
M3PFBS-EIS	10173.68	5.141067	14724.92	5.159517	69	0 - 500	-0.0185	+/-0.50	
M3-HFPO-DA-EIS	14466.94	6.2536	31426.87	6.272117	46	0 - 500	-0.0185	+/-0.50	
M2PFTeDA-EIS	1728.172	10.08273	4739.159	10.09195	36	0 - 500	-0.0092	+/-0.50	
M2-8-2FTS-EIS	26123.74	8.577133	35112.66	8.5864	74	0 - 500	-0.0093	+/-0.50	
M2-6-2FTS-EIS	34870.55	7.41745	13295.08	7.41745	262	0 - 500	0.0000	+/-0.50	
M2-4-2FTS-EIS	49529.38	5.878817	14035.44	5.88805	353	0 - 500	-0.0092	+/-0.50	
d9-NEtFOSE-EIS	1636.05	10.08538	3618.076	10.06693	45	0 - 500	0.0185	+/-0.50	
d7-NMeFOSE-EIS	4117.949	9.8369	7814.962	9.809216	53	0 - 500	0.0277	+/-0.50	
d5-NEtFOSA-EIS	267.2968	10.12578	665.4521	10.10733	40	0 - 500	0.0185	+/-0.50	
d5-N-EtFOSAA-EIS	9527.391	9.040067	20045.2	9.040067	48	0 - 500	0.0000	+/-0.50	
d3-NMeFOSA-EIS	630.8307	9.86825	959.5988	9.8498	66	0 - 500	0.0184	+/-0.50	
d3-N-MeFOSAA-EIS	12722.01	8.816767	22991.33	8.816767	55	0 - 500	0.0000	+/-0.50	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Calibration: SD40022
Instrument: LCQQQ
Calibration Date: 04/12/24 05:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
11CL-PF3OUdS	0.8881669	10.27058	9.198415	0.5220604		0.9996756	0.995	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.1914345	36.27262	8.427704	0.5139382		0.9934345	0.995	*
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.8346953	34.13064	5.83634	8.263251E-02		0.9904474	0.995	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.9412081	34.52198	7.283564	0.4351902		0.9914715	0.995	*
3-Perfluoroheptyl propanoic acid (FHpPA)	0.1250145	11.55614	8.064438	0.5430442		0.9994916	0.995	
3-Perfluoropentyl propanoic acid (FPePA)	0.1258239	9.965208	6.739317	0.3257273		0.9993152	0.995	
3-Perfluoropropyl propanoic acid (FPrPA)	1.742978E-02	5.847845	4.036176	0.8861881		0.9999656	0.995	
9CL-PF3ONS	1.394926	3.824634	8.313533	0.5299134		0.9998773	0.995	
ADONA	0.5218019	3.960592	6.825454	0.3738982		0.9998698	0.995	
d3-N-MeFOSAA	1.462215	6.354696	8.672683	0.5043125			20	
d5-N-EtFOSAA	1.219736	10.65809	8.908492	0.5122237			20	
d7-N-MeFOSE	0.1180153	11.55506	9.771829	0.5252509			20	
d9-N-EtFOSE	5.750606E-02	12.23688	10.04041	0.5866145			20	
d-N-EtFOSA	9.246698E-02	11.47955	10.09118	0.5948859			20	
d-N-MeFOSA	0.1542686	13.03548	9.813017	0.5804088			20	
HFPO-DA (Gen-X)	2.337189E-02	3.78685	6.198167	0.1373465		0.9999081	0.995	
M2-4:2 FTS	2.487917	65.10536	5.834669	0.1117583			20	*
M2-6:2 FTS	2.119691	64.48691	7.283108	0.4352835			20	*
M2-8:2 FTS	6.471895	54.57924	8.427277	0.5140544			20	*
M2PFTeDA	0.658283	16.11204	10.02743	0.5796313			20	
M3HFPO-DA	0.2723754	17.04099	6.1979	0.1372478			20	
M3PFBS	4.469764	8.791826	5.120317	0.3010969			20	
M3PFHxS	3.126578	8.698392	6.793927	0.3672618			20	
M4PFHpA	0.2926834	11.8367	6.691233	0.2983954			20	
M5PFHxA	1.622025	9.130117	5.912971	8.280672E-02			20	
M6PFDA	1.365727	14.33923	8.473398	0.5104499			20	
M7PFUdA	2.020745	12.29415	8.938746	0.5027449			20	
M9PFNA	0.2868639	10.75368	7.945244	0.4931564			20	
N-EtFOSA	1.161777	8.260709	10.10243	0.5987615		0.9997839	0.995	
N-EtFOSAA	0.9466748	5.110469	8.91361	0.4704378		0.9997878	0.995	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38073.d	Calibration Date:	04/12/24 05:00
Sequence:	S4D2262	Injection Date:	04/21/24
Lab Sample ID:	S4D2262-CCV1	Injection Time:	17:29

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.7	0.8881669	0.9554793		13.0	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.1	0.1914345	0.2286982		4.9	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	12.3	0.8346953	1.229495		31.0	30	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	11.9	0.9412081	1.402386		25.6	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	84.1	0.1250145	0.1738203		34.3	30	*
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	73.3	0.1258239	0.1564734		17.1	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	16.7	1.742978E-02	2.263244E-02		33.9	30	*
9CL-PF3ONS	A	9.35	10.6	1.394926	1.664529		13.5	30	
ADONA	A	9.45	11.8	0.5218019	0.6630778		24.7	30	
HFPO-DA (Gen-X)	A	10.0	9.75	2.337189E-02	2.363374E-02		-2.5	30	
N-EtFOSA	A	2.50	2.63	1.161777	1.134367		5.3	30	
N-EtFOSAA	A	2.50	2.27	0.9466748	0.87008		-9.2	30	
N-EtFOSE	A	25.0	26.3	1.888607	1.984785		5.1	30	
N-MeFOSA	A	2.50	2.79	0.8030776	0.9066916		11.5	30	
N-MeFOSAA	A	2.50	2.95	0.7967723	0.9346871		17.8	30	
N-MeFOSE	A	25.0	24.3	1.036155	0.9928934		-2.6	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.09	1.061519	1.033789		-8.0	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.36	0.8239837	0.7890499		-2.2	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.18	2.942091	2.751843		-8.2	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.01	2.321077	1.900553		-16.1	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.60	1.47466	1.473888		3.9	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.37	1.44443	1.378085		0.8	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.47	1.577485E-02	1.465869E-02		-10.7	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38073.d	Calibration Date:	04/12/24 05:00
Sequence:	S4D2262	Injection Date:	04/21/24
Lab Sample ID:	S4D2262-CCV1	Injection Time:	17:29

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.13	0.305581	0.3106682		2.7	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.80	0.4215283	0.4036966		-4.1	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.15	1.083501	1.073796		-3.2	30	
Perfluorodecanoic acid (PFDA)	A	2.50	3.03	1.183166	1.243247		21.1	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.27	0.4706041	0.4288703		-6.0	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.78	0.7628463	0.8572303		11.3	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	1.54	3.231744	2.197437		-38.4	30	*
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.59	1.22632	1.359724		13.7	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.53	1.092186	1.139351		1.3	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.5	0.8341652	0.876155		5.0	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.51	3.449174	3.43509		0.5	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.19	2.739275	2.641967		-5.6	30	
Perfluorooctanoic acid (PFOA)	A	2.50	3.05	1.142804	1.402474		22.2	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.08	0.9807196	0.9907342		1.5	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.38	0.9845792	0.9592198		-4.9	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.57	1.309235	1.371503		2.7	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	3.05	0.7799775	0.8705013		22.0	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38088.d	Calibration Date:	04/12/24 05:00
Sequence:	S4D2262	Injection Date:	04/21/24
Lab Sample ID:	S4D2262-CCV2	Injection Time:	21:30

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.93	0.8881669	0.8874921		5.1	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.30	0.1914345	0.2123508		-3.2	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	12.6	0.8346953	1.257626		34.3	30	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	12.3	0.9412081	1.438146		29.1	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	91.9	0.1250145	0.1898166		46.8	30	*
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	73.5	0.1258239	0.1568236		17.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	16.0	1.742978E-02	2.161234E-02		27.9	30	
9CL-PF3ONS	A	9.35	9.57	1.394926	1.500684		2.3	30	
ADONA	A	9.45	10.6	0.5218019	0.5972269		12.3	30	
HFPO-DA (Gen-X)	A	10.0	9.38	2.337189E-02	2.273171E-02		-6.2	30	
N-EtFOSA	A	2.50	2.63	1.161777	1.131723		5.0	30	
N-EtFOSAA	A	2.50	2.36	0.9466748	0.9028153		-5.7	30	
N-EtFOSE	A	25.0	24.5	1.888607	1.848195		-2.2	30	
N-MeFOSA	A	2.50	2.70	0.8030776	0.877193		7.9	30	
N-MeFOSAA	A	2.50	2.83	0.7967723	0.8962829		13.0	30	
N-MeFOSE	A	25.0	23.7	1.036155	0.9650927		-5.4	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.19	1.061519	1.057179		-5.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.36	0.8239837	0.7906583		-2.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.14	2.942091	2.700824		-10.0	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.11	2.321077	1.989658		-12.1	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.60	1.47466	1.473521		3.8	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.34	1.44443	1.361695		-0.4	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.29	1.577485E-02	1.408681E-02		-14.1	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38088.d	Calibration Date:	04/12/24 05:00
Sequence:	S4D2262	Injection Date:	04/21/24
Lab Sample ID:	S4D2262-CCV2	Injection Time:	21:30

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.92	0.305581	0.2978063		-1.5	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.72	0.4215283	0.3976545		-5.5	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.17	1.083501	1.086461		-2.0	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.98	1.183166	1.223151		19.2	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.52	0.4706041	0.4738729		3.9	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.90	0.7628463	0.8918059		15.9	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	1.49	3.231744	2.131533		-40.2	30	*
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.58	1.22632	1.352311		13.1	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.65	1.092186	1.190977		5.9	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.4	0.8341652	0.8650595		3.7	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.76	3.449174	3.771458		10.4	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.14	2.739275	2.586032		-7.6	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.87	1.142804	1.317531		14.8	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.99	0.9807196	0.9738852		-0.2	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.41	0.9845792	0.9708095		-3.7	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.61	1.309235	1.394399		4.4	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.76	0.7799775	0.7859089		10.3	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38100.d	Calibration Date:	04/12/24 05:00
Sequence:	S4D2262	Injection Date:	04/22/24
Lab Sample ID:	S4D2262-CCV3	Injection Time:	00:44

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	10.5	0.8881669	0.9425034		11.5	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.3	0.1914345	0.2326363		6.8	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	11.9	0.8346953	1.194727		27.0	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	11.4	0.9412081	1.341057		19.5	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	85.6	0.1250145	0.1769073		36.7	30 *
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	72.3	0.1258239	0.1543025		15.5	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	15.8	1.742978E-02	2.139197E-02		26.6	30
9CL-PF3ONS	A	9.35	10.5	1.394926	1.645039		12.2	30
ADONA	A	9.45	11.6	0.5218019	0.6545163		23.1	30
HFPO-DA (Gen-X)	A	10.0	9.51	2.337189E-02	2.305259E-02		-4.9	30
N-EtFOSA	A	2.50	2.78	1.161777	1.197602		11.1	30
N-EtFOSAA	A	2.50	2.54	0.9466748	0.971738		1.5	30
N-EtFOSE	A	25.0	25.2	1.888607	1.906727		0.9	30
N-MeFOSA	A	2.50	2.76	0.8030776	0.8967305		10.3	30
N-MeFOSAA	A	2.50	2.87	0.7967723	0.9103843		14.8	30
N-MeFOSE	A	25.0	23.8	1.036155	0.9705142		-4.8	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	3.98	1.061519	1.005916		-10.5	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.55	0.8239837	0.8535814		5.8	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.50	2.942091	3.150516		5.2	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.35	2.321077	2.208324		-2.3	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.65	1.47466	1.503044		5.9	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.32	1.44443	1.347348		-1.4	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.96	1.577485E-02	1.629945E-02		-0.7	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38100.d	Calibration Date:	04/12/24 05:00
Sequence:	S4D2262	Injection Date:	04/22/24
Lab Sample ID:	S4D2262-CCV3	Injection Time:	00:44

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.88	0.305581	0.2953513		-2.4	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.66	0.4215283	0.3925666		-6.7	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.15	1.083501	1.076407		-3.0	30	
Perfluorodecanoic acid (PFDA)	A	2.50	3.36	1.183166	1.388186		34.4	30	*
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	3.06	0.4706041	0.5749323		26.4	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.63	0.7628463	0.8094824		5.1	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	1.59	3.231744	2.265069		-36.5	30	*
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.52	1.22632	1.320305		10.4	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.54	1.092186	1.14394		1.7	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.3	0.8341652	0.8628846		3.4	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.69	3.449174	3.670639		7.4	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.42	2.739275	2.917191		4.3	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.71	1.142804	1.242243		8.2	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	4.96	0.9807196	0.9683221		-0.8	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.42	0.9845792	0.9758485		-3.2	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.59	1.309235	1.381942		3.5	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	3.14	0.7799775	0.8960248		25.6	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CRDL STANDARD

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: Nexion2000C
Calibration: 04/22/24
Sequence: S4D2237

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S4D2237-CRL1	Antimony	1.00	1.07	107	ug/L	10 - 190
	Arsenic	1.00	1.18	118	ug/L	10 - 190
	Beryllium	1.00	1.16	116	ug/L	10 - 190
	Cadmium	1.00	1.09	109	ug/L	10 - 190
	Selenium	1.00	0.734	73.4 *	ug/L	75 - 125
	Thallium	1.00	1.22	122	ug/L	10 - 190

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41421	Laboratory ID:	BD41421-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	2.01	100	80 - 120
Barium	2.00	2.21	110	80 - 120
Calcium	1.00	1.05	105	80 - 120
Chromium	0.200	0.212	106	80 - 120
Cobalt	0.500	0.531	106	80 - 120
Copper	0.250	0.302	121 *	80 - 120
Iron	1.00	0.924	92.4	80 - 120
Lead	0.500	0.518	104	80 - 120
Magnesium	1.00	0.986	98.6	80 - 120
Manganese	0.500	0.551	110	80 - 120
Nickel	0.500	0.535	107	80 - 120
Potassium	1.00	1.10	110	80 - 120
Silver	0.0500	0.0512	102	80 - 120
Sodium	1.00	0.904	90.4	80 - 120
Vanadium	0.500	0.524	105	80 - 120
Zinc	0.500	0.516	103	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D0867
Client:	DT Consulting Services	Project:	Willow Brook Rentals LLC
Matrix:	Water		
Batch:	BD41517	Laboratory ID:	BD41517-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	2.06	103	80 - 120
Barium	2.00	2.19	110	80 - 120
Calcium	1.00	0.923	92.3	80 - 120
Chromium	0.200	0.213	106	80 - 120
Cobalt	0.500	0.531	106	80 - 120
Copper	0.250	0.291	116	80 - 120
Iron	1.00	0.869	86.9	80 - 120
Lead	0.500	0.518	104	80 - 120
Magnesium	1.00	0.894	89.4	80 - 120
Manganese	0.500	0.550	110	80 - 120
Nickel	0.500	0.531	106	80 - 120
Potassium	1.00	1.23	123 *	80 - 120
Silver	0.0500	0.0496	99.2	80 - 120
Sodium	1.00	2.07	207 *	80 - 120
Vanadium	0.500	0.528	106	80 - 120
Zinc	0.500	0.503	101	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 04/20/24
Control Limt: +/- 10.00%
Sequence: S4D2209

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S4D2209-CCV8	Copper	1.25	1.35	108		ug/mL	EPA 6010D
	Iron	5.00	4.86	97.2		ug/mL	EPA 6010D
	Lead	0.500	0.558	112	*	ug/mL	EPA 6010D
	Magnesium	25.0	26.1	104		ug/mL	EPA 6010D
	Manganese	2.50	2.68	107		ug/mL	EPA 6010D
	Nickel	2.50	2.71	109		ug/mL	EPA 6010D
	Potassium	5.00	5.42	108		ug/mL	EPA 6010D
	Silver	1.25	1.32	105		ug/mL	EPA 6010D
	Sodium	25.0	25.4	102		ug/mL	EPA 6010D
	Vanadium	2.50	2.62	105		ug/mL	EPA 6010D
	Zinc	2.50	2.73	109		ug/mL	EPA 6010D
S4D2209-CCV9	Aluminum	10.0	10.2	102		ug/mL	EPA 6010D
	Barium	10.0	10.9	109		ug/mL	EPA 6010D
	Calcium	25.0	25.3	101		ug/mL	EPA 6010D
	Chromium	1.00	1.05	105		ug/mL	EPA 6010D
	Cobalt	2.50	2.68	107		ug/mL	EPA 6010D
	Copper	1.25	1.36	108		ug/mL	EPA 6010D
	Iron	5.00	4.81	96.3		ug/mL	EPA 6010D
	Lead	0.500	0.554	111	*	ug/mL	EPA 6010D
	Magnesium	25.0	26.0	104		ug/mL	EPA 6010D
	Manganese	2.50	2.68	107		ug/mL	EPA 6010D
	Nickel	2.50	2.71	108		ug/mL	EPA 6010D
	Potassium	5.00	5.47	109		ug/mL	EPA 6010D
	Silver	1.25	1.32	106		ug/mL	EPA 6010D
	Sodium	25.0	25.7	103		ug/mL	EPA 6010D
	Vanadium	2.50	2.62	105		ug/mL	EPA 6010D
	Zinc	2.50	2.72	109		ug/mL	EPA 6010D
S4D2209-CCVB	Aluminum	10.0	10.5	105		ug/mL	EPA 6010D
	Barium	10.0	10.9	109		ug/mL	EPA 6010D
	Calcium	25.0	24.4	97.8		ug/mL	EPA 6010D
	Chromium	1.00	1.05	105		ug/mL	EPA 6010D
	Cobalt	2.50	2.67	107		ug/mL	EPA 6010D
	Copper	1.25	1.35	108		ug/mL	EPA 6010D
	Iron	5.00	4.52	90.3		ug/mL	EPA 6010D
	Lead	0.500	0.554	111	*	ug/mL	EPA 6010D
	Magnesium	25.0	23.6	94.3		ug/mL	EPA 6010D
	Manganese	2.50	2.68	107		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 04/20/24
Control Limt: +/- 10.00%
Sequence: S4D2209

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S4D2209-CCVB	Nickel	2.50	2.71	108		ug/mL	EPA 6010D
	Potassium	5.00	6.05	121	*	ug/mL	EPA 6010D
	Silver	1.25	1.32	106		ug/mL	EPA 6010D
	Sodium	25.0	29.9	120	*	ug/mL	EPA 6010D
	Vanadium	2.50	2.62	105		ug/mL	EPA 6010D
	Zinc	2.50	2.73	109		ug/mL	EPA 6010D
S4D2209-CCVC	Aluminum	10.0	10.5	105		ug/mL	EPA 6010D
	Barium	10.0	11.0	110		ug/mL	EPA 6010D
	Calcium	25.0	24.5	98.1		ug/mL	EPA 6010D
	Chromium	1.00	1.07	107		ug/mL	EPA 6010D
	Cobalt	2.50	2.71	108		ug/mL	EPA 6010D
	Copper	1.25	1.34	107		ug/mL	EPA 6010D
	Iron	5.00	4.41	88.2	*	ug/mL	EPA 6010D
	Lead	0.500	0.563	113	*	ug/mL	EPA 6010D
	Magnesium	25.0	23.1	92.4		ug/mL	EPA 6010D
	Manganese	2.50	2.71	108		ug/mL	EPA 6010D
	Nickel	2.50	2.73	109		ug/mL	EPA 6010D
	Potassium	5.00	6.23	125	*	ug/mL	EPA 6010D
	Silver	1.25	1.33	107		ug/mL	EPA 6010D
	Sodium	25.0	31.7	127	*	ug/mL	EPA 6010D
	Vanadium	2.50	2.65	106		ug/mL	EPA 6010D
	Zinc	2.50	2.78	111	*	ug/mL	EPA 6010D

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 04/20/24
Control Limt: +/- 10.00%
Sequence: S4D2219

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S4D2219-CCVB	Copper	1.25	1.35	108	ug/mL	EPA 6010D
	Iron	5.00	4.52	90.3	ug/mL	EPA 6010D
	Lead	0.500	0.554	111 *	ug/mL	EPA 6010D
	Magnesium	25.0	23.6	94.3	ug/mL	EPA 6010D
	Manganese	2.50	2.68	107	ug/mL	EPA 6010D
	Nickel	2.50	2.71	108	ug/mL	EPA 6010D
	Potassium	5.00	6.05	121 *	ug/mL	EPA 6010D
	Silver	1.25	1.32	106	ug/mL	EPA 6010D
	Sodium	25.0	29.9	120 *	ug/mL	EPA 6010D
	Vanadium	2.50	2.62	105	ug/mL	EPA 6010D
	Zinc	2.50	2.73	109	ug/mL	EPA 6010D
S4D2219-CCVC	Aluminum	10.0	10.5	105	ug/mL	EPA 6010D
	Barium	10.0	11.0	110	ug/mL	EPA 6010D
	Calcium	25.0	24.5	98.1	ug/mL	EPA 6010D
	Chromium	1.00	1.07	107	ug/mL	EPA 6010D
	Cobalt	2.50	2.71	108	ug/mL	EPA 6010D
	Copper	1.25	1.34	107	ug/mL	EPA 6010D
	Iron	5.00	4.41	88.2 *	ug/mL	EPA 6010D
	Lead	0.500	0.563	113 *	ug/mL	EPA 6010D
	Magnesium	25.0	23.1	92.4	ug/mL	EPA 6010D
	Manganese	2.50	2.71	108	ug/mL	EPA 6010D
	Nickel	2.50	2.73	109	ug/mL	EPA 6010D
	Potassium	5.00	6.23	125 *	ug/mL	EPA 6010D
	Silver	1.25	1.33	107	ug/mL	EPA 6010D
	Sodium	25.0	31.7	127 *	ug/mL	EPA 6010D
	Vanadium	2.50	2.65	106	ug/mL	EPA 6010D
	Zinc	2.50	2.78	111 *	ug/mL	EPA 6010D

* Values outside of QC limits

CRDL STANDARD

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 04/20/24
Sequence: S4D2209

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S4D2209-CRL1	Aluminum	0.500	0.494	98.9	ug/mL	70 - 130
	Barium	0.0250	0.0284	114	ug/mL	70 - 130
	Calcium	0.500	0.480	96.1	ug/mL	70 - 130
	Chromium	0.00500	0.00538	108	ug/mL	70 - 130
	Cobalt	0.00400	0.00422	105	ug/mL	70 - 130
	Copper	0.0400	0.0394	98.5	ug/mL	70 - 130
	Iron	0.500	0.426	85.2	ug/mL	70 - 130
	Lead	0.00500	0.00328	65.6 *	ug/mL	70 - 130
	Magnesium	0.500	0.472	94.4	ug/mL	70 - 130
	Manganese	0.0100	0.0111	111	ug/mL	70 - 130
	Nickel	0.0100	0.0106	106	ug/mL	70 - 130
	Potassium	0.500	0.490	98.1	ug/mL	70 - 130
	Silver	0.0100	0.0101	101	ug/mL	70 - 130
	Sodium	0.500	0.357	71.5	ug/mL	70 - 130
	Vanadium	0.0100	0.0104	104	ug/mL	70 - 130
	Zinc	0.0250	0.0284	113	ug/mL	70 - 130

* Values outside of QC limits

CRDL STANDARD

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 04/20/24
Sequence: S4D2219

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S4D2219-CRL1	Aluminum	0.500	0.494	98.9	ug/mL	70 - 130
	Barium	0.0250	0.0284	114	ug/mL	70 - 130
	Calcium	0.500	0.480	96.1	ug/mL	70 - 130
	Chromium	0.00500	0.00538	108	ug/mL	70 - 130
	Cobalt	0.00400	0.00422	105	ug/mL	70 - 130
	Copper	0.0400	0.0394	98.5	ug/mL	70 - 130
	Iron	0.500	0.426	85.2	ug/mL	70 - 130
	Lead	0.00500	0.00328	65.6 *	ug/mL	70 - 130
	Magnesium	0.500	0.472	94.4	ug/mL	70 - 130
	Manganese	0.0100	0.0111	111	ug/mL	70 - 130
	Nickel	0.0100	0.0106	106	ug/mL	70 - 130
	Potassium	0.500	0.490	98.1	ug/mL	70 - 130
	Silver	0.0100	0.0101	101	ug/mL	70 - 130
	Sodium	0.500	0.357	71.5	ug/mL	70 - 130
	Vanadium	0.0100	0.0104	104	ug/mL	70 - 130
	Zinc	0.0250	0.0284	113	ug/mL	70 - 130

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 04/20/24
Sequence: S4D2209

Lab Sample ID	Analyte	True	Found	%R	Units
S4D2209-IFA1	Aluminum	500	610.79	122 *	ug/mL
	Barium		0.00		ug/mL
	Calcium	500	554.27	111	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	221.34	111	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	484.55	96.9	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		0.01		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.15		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S4D2209-IFB1	Aluminum	500	616.53	123 *	ug/mL
	Barium	0.500	0.50	101	ug/mL
	Calcium	500	559.38	112	ug/mL
	Chromium	0.500	0.47	94.3	ug/mL
	Cobalt	0.500	0.44	87.5	ug/mL
	Copper	0.500	0.55	110	ug/mL
	Iron	200	223.17	112	ug/mL
	Lead	1.00	0.87	87.3	ug/mL
	Magnesium	500	486.92	97.4	ug/mL
	Manganese	0.500	0.49	97.2	ug/mL
	Nickel	1.00	0.84	84.4	ug/mL
	Potassium		0.01		ug/mL
	Silver	1.00	1.13	113	ug/mL

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D0867
Client: DT Consulting Services
Project: Willow Brook Rentals LLC
Instrument ID: AvioICP
Calibration: 04/20/24
Sequence: S4D2219

Lab Sample ID	Analyte	True	Found	%R	Units
S4D2219-IFA1	Aluminum	500	610.79	122 *	ug/mL
	Barium		0.00		ug/mL
	Calcium	500	554.27	111	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	221.34	111	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	484.55	96.9	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		0.01		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.15		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S4D2219-IFB1	Aluminum	500	616.53	123 *	ug/mL
	Barium	0.500	0.50	101	ug/mL
	Calcium	500	559.38	112	ug/mL
	Chromium	0.500	0.47	94.3	ug/mL
	Cobalt	0.500	0.44	87.5	ug/mL
	Copper	0.500	0.55	110	ug/mL
	Iron	200	223.17	112	ug/mL
	Lead	1.00	0.87	87.3	ug/mL
	Magnesium	500	486.92	97.4	ug/mL
	Manganese	0.500	0.49	97.2	ug/mL
	Nickel	1.00	0.84	84.4	ug/mL
	Potassium		0.01		ug/mL
	Silver	1.00	1.13	113	ug/mL

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

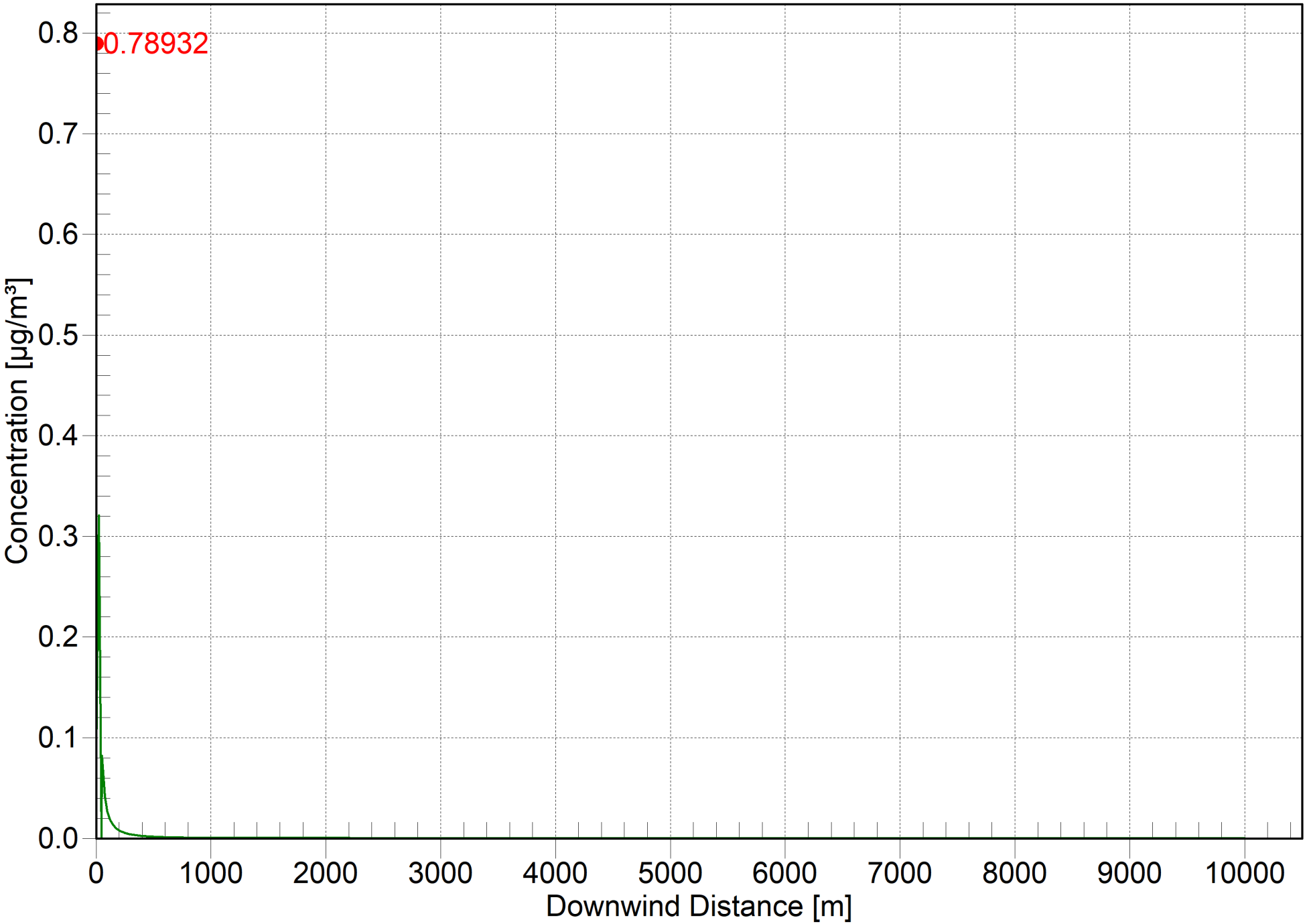
Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

APPENDIX G
AERSCREEN Data

Max 1-Hour Concentration vs Downwind Distance

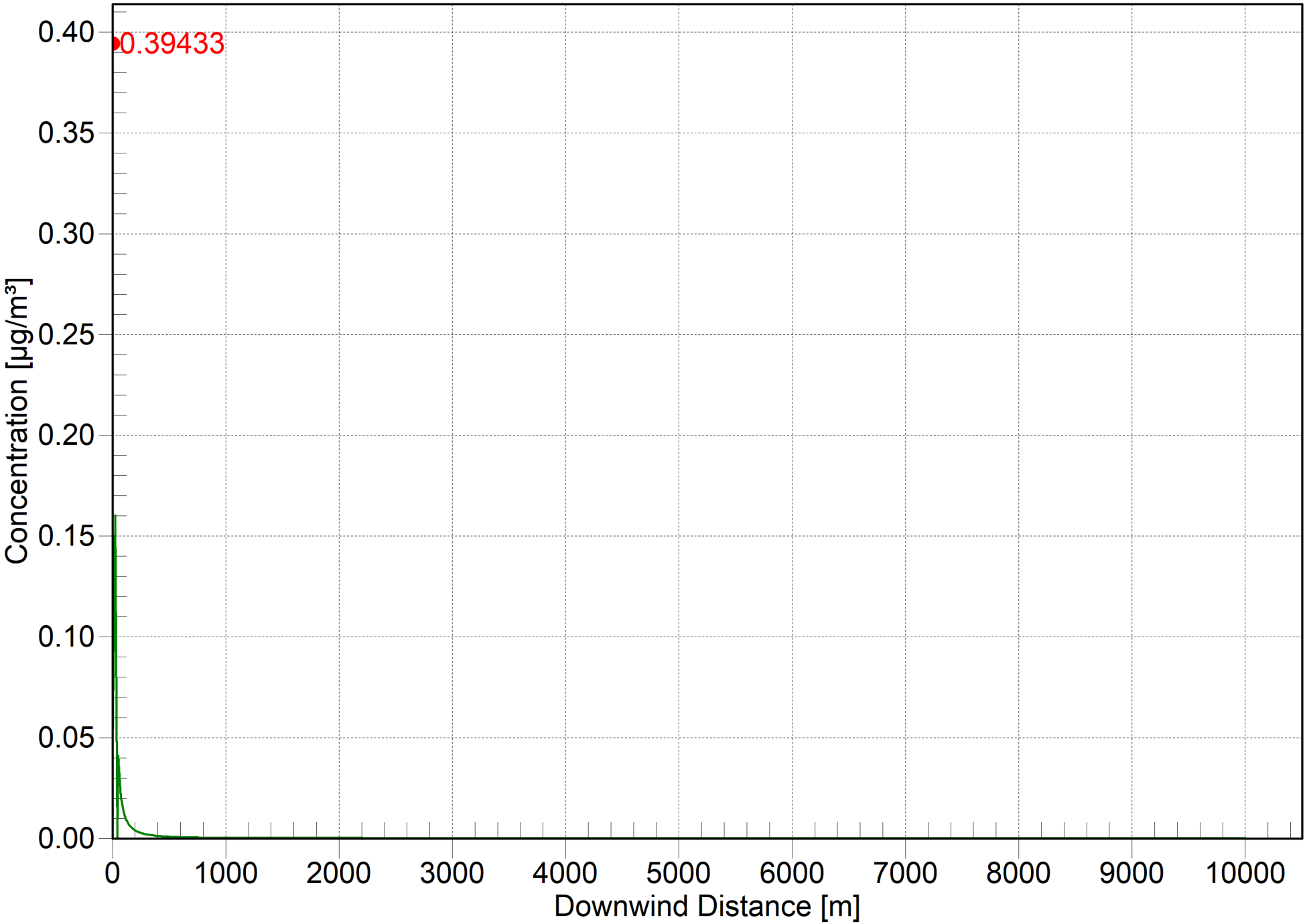
Acetone - Acetone 10-14 Tucker



Max Conc: 0.789 µg/m³ - Distance: 7.0 m - Elevation: 0.00 m

Max 1-Hour Concentration vs Downwind Distance

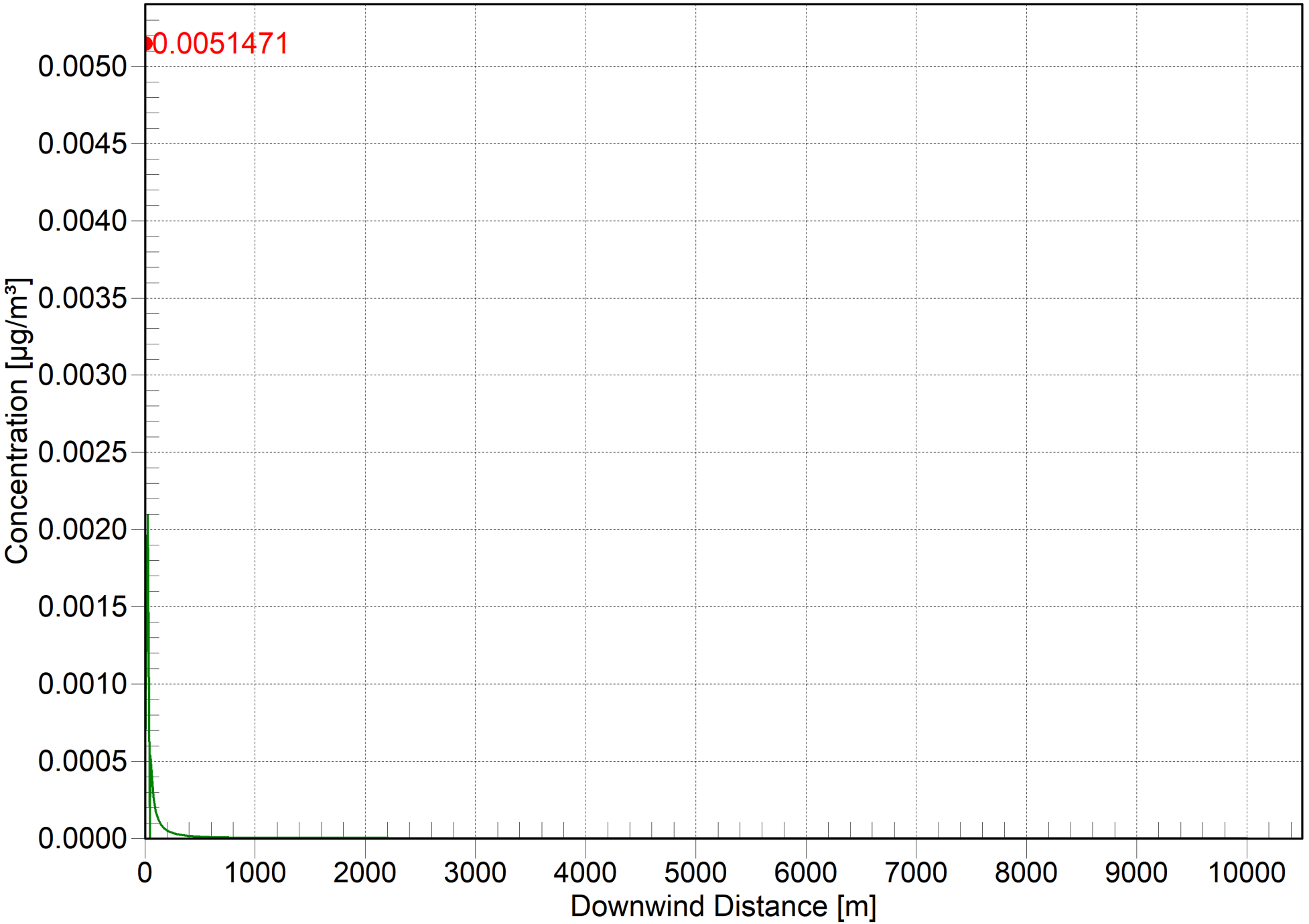
MEK - MEK 10-14 Tucker



Max Conc: 0.394 µg/m³ - Distance: 7.0 m - Elevation: 0.00 m

Max 1-Hour Concentration vs Downwind Distance

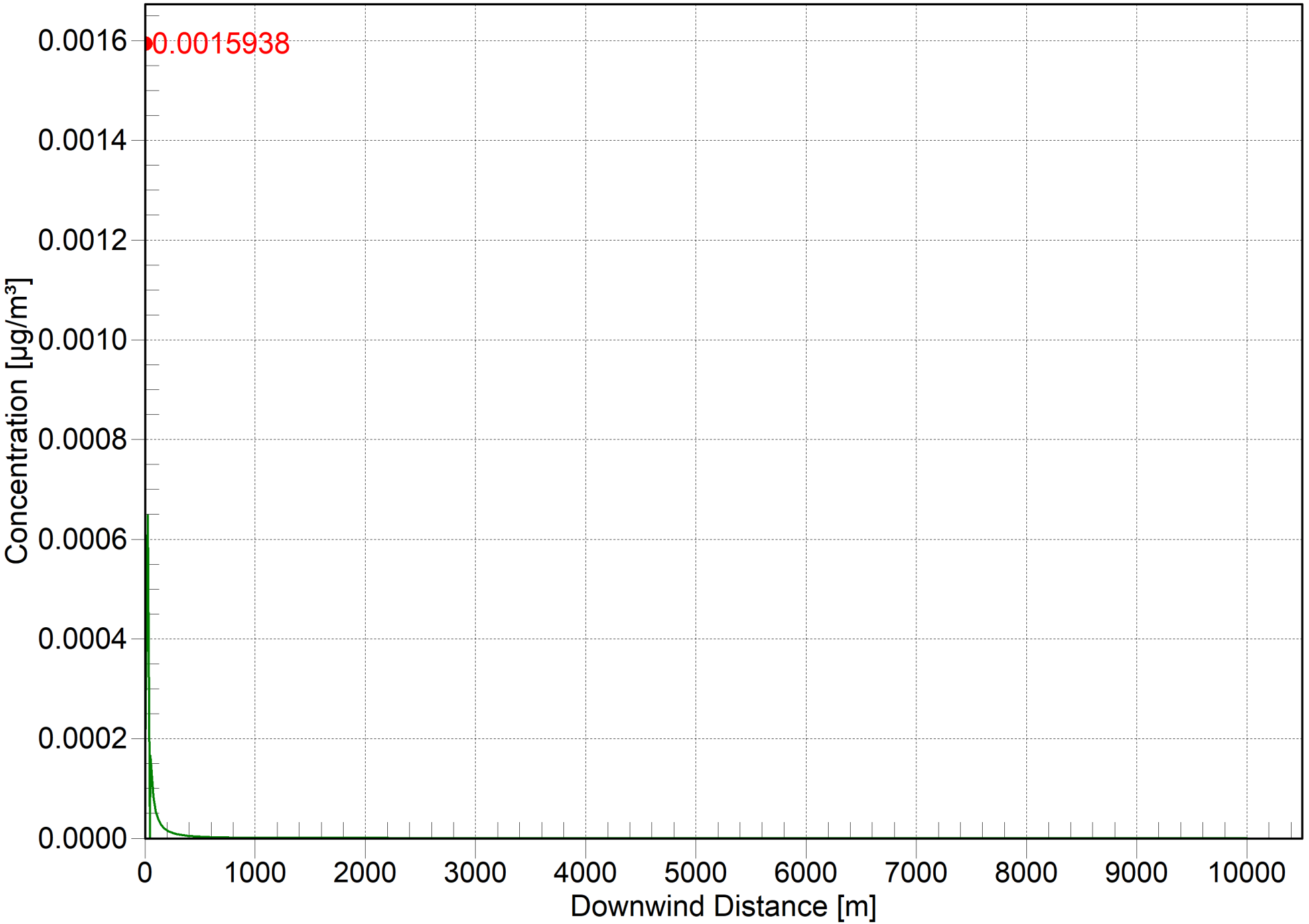
PCE - PCE 10-14 Tucker



Max Conc: 0.005 µg/m³ - Distance: 7.0 m - Elevation: 0.00 m

Max 1-Hour Concentration vs Downwind Distance

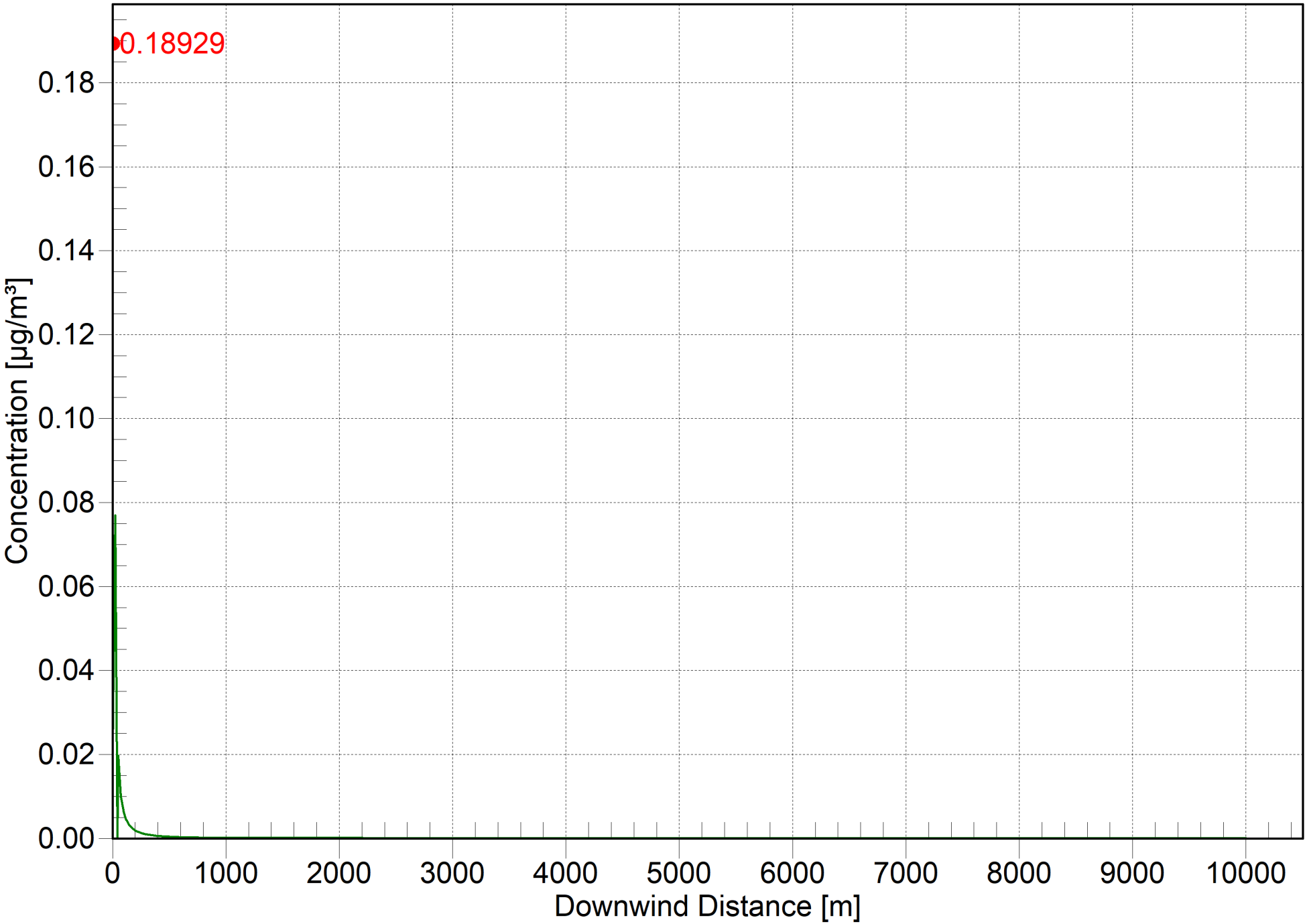
TCE - TCE 10-14 Tucker



Max Conc: 0.002 µg/m³ - Distance: 7.0 m - Elevation: 0.00 m

Max 1-Hour Concentration vs Downwind Distance

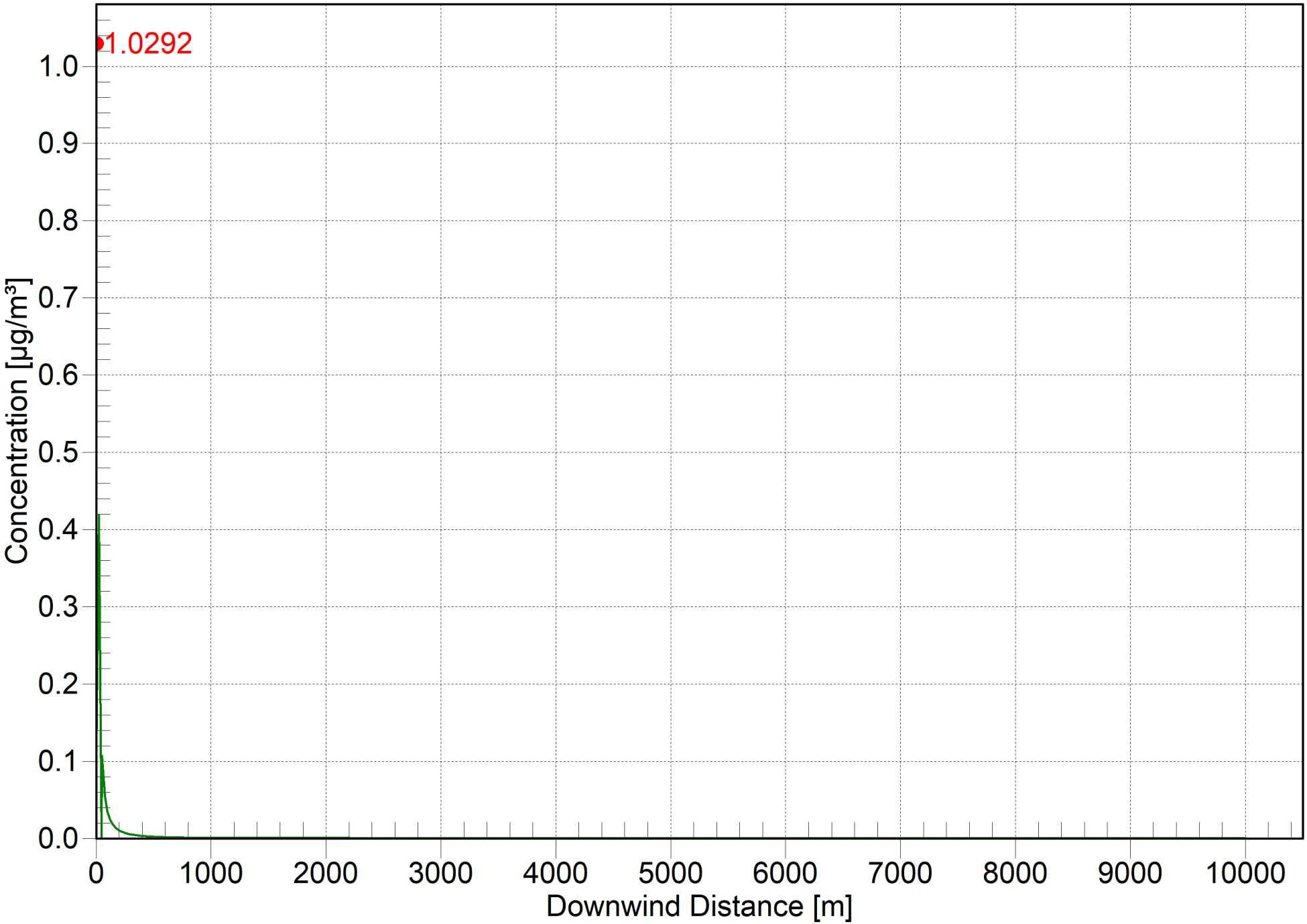
Tetrahydrofuran - MEK 10-14 Tucker



Max Conc: 0.189 µg/m³ - Distance: 7.0 m - Elevation: 0.00 m

Max 1-Hour Concentration vs Downwind Distance

Toluene - Toluene 10-14 Tucker



Max Conc: 1.029 µg/m³ - Distance: 7.0 m - Elevation: 0.00 m

APPENDIX H
Tenant Letters

Willow Brook Rentals, LLC
C/O Ted Finkelstein, Esq.
PO Box 402
Sherman, CT 06784
ted@tedfinkelstein.com

May 22, 2023

RE: Air Sampling Data for Northland Heat & AC, Inc., Tenant

To Whom It May Concern,

Recently, we collected indoor air samples at your business location as part of an on-going comprehensive environmental investigation of the 10-14 Tucker Drive, Poughkeepsie, New York building and property, referred to as the Site. This work was required and approved by the New York State Department of Environmental Conservation (NYSDEC) in consultation with the New York State Department of Health (NYSDOH). During this investigation at the Site, we discovered evidence of a potential release of chlorinated solvents as the Site is suspected to have been associated with a landfill in the 1970s – 1980s.

The goal of the indoor air sampling was to determine whether site-related volatile organic compounds (VOCs) are present in the indoor air of your tenant space, and whether actions are needed to address exposure to tetrachloroethylene (PCE) and trichloroethylene (TCE), which may move from contaminated soil or groundwater into the indoor air through a process referred to as soil vapor intrusion (SVI) (see enclosed SVI fact sheet). PCE and TCE are chemicals commonly used in dry-cleaning operations. Also note that many VOCs are common in everyday life and as such, other parameters may have been detected (see attached laboratory report for specific compounds reported for your location). The NYSDOH provides guidance on PCE, TCE and dichloromethane thus those fact sheets have been attached to this letter.

Indoor air samples were collected and analyzed as described below.

On December 28, 2022, ambient indoor air samples were collected over an 8-hour period in your business location. The results from this sampling event are summarized in the tables below:

Table 1. Summary of PCE Data

Sample Location	Sample Date	Concentration of PCE (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-8	12/28/22	Non-detect	30	300

See NYSDOH Tenant Notification Fact Sheet for Tetrachloroethylene (Perc) December 2013

Willow Brook Rentals, LLC
C/O Ted Finkelstein, Esq.
PO Box 402
Sherman, CT 06784
ted@tedfinkelstein.com

May 22, 2023

RE: Air Sampling Data for Stamford Scientific International, Inc., Tenant

To Whom It May Concern,

Recently, we collected indoor air samples at your business location as part of an on-going comprehensive environmental investigation of the 10-14 Tucker Drive, Poughkeepsie, New York building and property, referred to as the Site. This work was required and approved by the New York State Department of Environmental Conservation (NYSDEC) in consultation with the New York State Department of Health (NYSDOH). During this investigation at the Site, we discovered evidence of a potential release of chlorinated solvents as the Site is suspected to have been associated with a landfill in the 1970s – 1980s.

The goal of the indoor air sampling was to determine whether site-related volatile organic compounds (VOCs) are present in the indoor air of your tenant space, and whether actions are needed to address exposure to tetrachloroethylene (PCE) and trichloroethylene (TCE), which may move from contaminated soil or groundwater into the indoor air through a process referred to as soil vapor intrusion (SVI) (see enclosed SVI fact sheet). PCE and TCE are chemicals commonly used in dry-cleaning operations. Also note that many VOCs are common in everyday life and as such, other parameters may have been detected (see attached laboratory report for specific compounds reported for your location). The NYSDOH provides guidance on PCE, TCE and dichloromethane thus those fact sheets have been attached to this letter.

Indoor air samples were collected and analyzed as described below.

On December 28, 2022, ambient indoor air samples were collected over an 8-hour period in your business location. The results from this sampling event are summarized in the tables below:

Table 1. Summary of PCE Data

Sample Location	Sample Date	Concentration of PCE (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-9	12/28/22	Non-detect	30	300
IA-10	12/28/22	Non-detect	30	300

See NYSDOH Tenant Notification Fact Sheet for Tetrachloroethylene (Perc) December 2013

Table 2. Summary of TCE Data

Sample Location	Sample Date	Concentration of TCE (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-9	12/28/22	Non-detect	2	20
IA-10	12/28/22	Non-detect	2	20

See NYSDOH Tenant Notification Fact Sheet for Trichloroethylene (TCE) August 2015

Table 3. Summary of Dichloromethane Data

Sample Location	Sample Date	Concentration of Dichloromethane (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-9	12/28/22	Non-detect	60	Not Applicable
IA-10	12/28/22	Non-detect	60	Not Applicable

See NYSDOH Tenant Notification Fact Sheet for Dichloromethane (Methylene Chloride) January 2014

As noted above, PCE, TCE and Dichloromethane (aka, methylene chloride) were returned with non-detectable concentrations by the laboratory.

If you have any general questions about this notice, please contact Willow Brook Rentals, LLC at the e-mail listed above. Health-based questions can be addressed by the NYS Department of Health, Bureau of Toxic Substance Assessment at (518) 402-7800 or please contact Sarita Wagh of the Bureau of Environmental Exposure Investigation at (518) 402-7860 for project health-related questions. If you have any questions about the status of the environmental review underway to mitigate these exposures, please call the NYSDEC project manager, Ryan Richard at (845) 256-3118.

Sincerely,

Willow Brook Rentals, LLC
By: Ted Finkelstein, Esq., Manager

Table 2. Summary of TCE Data

Sample Location	Sample Date	Concentration of TCE (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-8	12/28/22	0.55	2	20

See NYSDOH Tenant Notification Fact Sheet for Trichloroethylene (TCE) August 2015

Table 3. Summary of Dichloromethane Data

Sample Location	Sample Date	Concentration of Dichloromethane (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-8	12/28/22	0.77	60	Not Applicable

See NYSDOH Tenant Notification Fact Sheet for Dichloromethane (Methylene Chloride) January 2014

As noted above, PCE was returned with non-detectable concentrations by the laboratory. TCE and Dichloromethane (aka, methylene chloride) were reported during analysis, but at levels well below the NYSDOH guidelines.

If you have any general questions about this notice, please contact Willow Brook Rentals, LLC at the e-mail listed above. Health-based questions can be addressed by the NYS Department of Health, Bureau of Toxic Substance Assessment at (518) 402-7800 or please contact Sarita Wagh of the Bureau of Environmental Exposure Investigation at (518) 402-7860 for project health-related questions. If you have any questions about the status of the environmental review underway to mitigate these exposures, please call the NYSDEC project manager, Ryan Richard at (845) 256-3118.

Sincerely,

Willow Brook Rentals, LLC
By: Ted Finkelstein, Esq., Manager

Willow Brook Rentals, LLC
C/O Ted Finkelstein, Esq.
PO Box 402
Sherman, CT 06784
ted@tedfinkelstein.com

May 22, 2023

RE: Air Sampling Data for Valley Moving & Storage, Inc., Tenant

To Whom It May Concern,

Recently, we collected indoor air samples at your business location as part of an on-going comprehensive environmental investigation of the 10-14 Tucker Drive, Poughkeepsie, New York building and property, referred to as the Site. This work was required and approved by the New York State Department of Environmental Conservation (NYSDEC) in consultation with the New York State Department of Health (NYSDOH). During this investigation at the Site, we discovered evidence of a potential release of chlorinated solvents as the Site is suspected to have been associated with a landfill in the 1970s – 1980s.

The goal of the indoor air sampling was to determine whether site-related volatile organic compounds (VOCs) are present in the indoor air of your tenant space, and whether actions are needed to address exposure to tetrachloroethylene (PCE) and trichloroethylene (TCE), which may move from contaminated soil or groundwater into the indoor air through a process referred to as soil vapor intrusion (SVI) (see enclosed SVI fact sheet). PCE and TCE are chemicals commonly used in dry-cleaning operations. Also note that many VOCs are common in everyday life and as such, other parameters may have been detected (see attached laboratory report for specific compounds reported for your location). The NYSDOH provides guidance on PCE, TCE and dichloromethane thus those fact sheets have been attached to this letter.

Indoor air samples were collected and analyzed as described below.

On December 28, 2022, ambient indoor air samples were collected over an 8-hour period in your business location. The results from this sampling event are summarized in the tables below:

Table 1. Summary of PCE Data

Sample Location	Sample Date	Concentration of PCE (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-1	12/28/22	Non-detect	30	300
IA-2	12/28/22	Non-detect	30	300
IA-3	12/28/22	Non-detect	30	300
IA-4	12/28/22	0.99	30	300
IA-5	12/28/22	Non-detect	30	300
IA-6	12/28/22	Non-detect	30	300

See NYSDOH Tenant Notification Fact Sheet for Tetrachloroethylene (Perc) December 2013

Table 2. Summary of TCE Data

Sample Location	Sample Date	Concentration of TCE (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-1	12/28/22	Non-detect	2	20
IA-2	12/28/22	Non-detect	2	20
IA-3	12/28/22	Non-detect	2	20
IA-4	12/28/22	Non-detect	2	20
IA-5	12/28/22	Non-detect	2	20
IA-6	12/28/22	Non-detect	2	20

See NYSDOH Tenant Notification Fact Sheet for Trichloroethylene (TCE) August 2015

Table 3. Summary of Dichloromethane Data

Sample Location	Sample Date	Concentration of Dichloromethane (ug/m^3)	NYSDOH Air Guideline (ug/m^3)	NYSDOH Immediate Action Level (ug/m^3)
IA-1	12/28/22	Non-detect	60	Not Applicable
IA-2	12/28/22	Non-detect	60	Not Applicable
IA-3	12/28/22	Non-detect	60	Not Applicable
IA-4	12/28/22	Non-detect	60	Not Applicable
IA-5	12/28/22	Non-detect	60	Not Applicable
IA-6	12/28/22	Non-detect	60	Not Applicable

See NYSDOH Tenant Notification Fact Sheet for Dichloromethane (Methylene Chloride) January 2014

As noted above, all TCE and Dichloromethane (aka, methylene chloride) were returned with non-detectable concentrations by the laboratory. PCE was reported in one of the six sample locations, but at levels well below the NYSDOH guidelines.

If you have any general questions about this notice, please contact Willow Brook Rentals, LLC at the e-mail listed above. Health-based questions can be addressed by the NYS Department of Health, Bureau of Toxic Substance Assessment at (518) 402-7800 or please contact Sarita Wagh of the Bureau of Environmental Exposure Investigation at (518) 402-7860 for project health-related questions. If you have any questions about the status of the environmental review underway to mitigate these exposures, please call the NYSDEC project manager, Ryan Richard at (845) 256-3118.

Sincerely,

Willow Brook Rentals, LLC
By: Ted Finkelstein, Esq., Manager