LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

230 Plaza, LLC
214-250 and 256 East Route 59
Nanuet, Rockland County, New York

March 2, 2020

DT CONSULTING SERVICES, INC.
1291 Old Post Road
Ulster Park, NY 12487
(845) 658-3484(phone)
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March 2, 2020

230 Plaza, LLC
Attn: Mr. Patrick Magee Jr.
Post Office Box 54
Stony Point, New York 10980

RE: LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT
214-250 and 256 East Route 59
Nanuet, Rockland County, New York

Dear Mr. Magee:

Attached please find the Phase II Environmental Site Assessment (ESA) as generated for the above referenced Site. Based upon the findings of this investigation, DT Consulting Services, Inc. (DTCS) is recommending a copy of this ESA be forwarded to the New York State Department of Environmental Conservation (NYSDEC) for consideration into the Brownfield Cleanup Program (BCP) as a Volunteer. Additional Site investigative activities will likely be required to define the complete nature and extent of subsurface impacts.

If you should have any questions or require additional information please feel free to contact me at (845) 658-3484. DTCS thanks you for the opportunity to work with you on this project.

Sincerely,
DT CONSULTING SERVICES, INC.

Deborah J. Thompson
Deborah J. Thompson
Senior Geologist / Project Manager

DT CONSULTING SERVICES, INC.

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Pertaining to:

214-250 and 256 East Route 59
Nanuet, Rockland County, New York

Prepared for:

230 Plaza, LLC
Post Office Box 54
Stony Point, New York 10980

Prepared by:

Ms. Deborah J. Thompson
Senior Geologist/Project Manager
DT CONSULTING SERVICES, INC.
1291 Old Post Road
Ulster Park, New York 12487

Date: March 2, 2020

DT CONSULTING SERVICES, INC.

ATTACHMENTS

ATTACHMENT A – ROCKLAND COUNTY DOH RESOURCE EVALUTION PERMIT

ATTACHMENT B – SOIL BORING LOGS

ATTACHMENT C – SOIL & SOIL GAS LABORATORY ANALYTICALS REPORTS

1.0 INTRODUCTION/SITE INFORMATION

DT Consulting Services, Inc. (DTCS) has been contracted by 230 Plaza, LLC to perform a Limited Phase II Environmental Site Assessment (ESA) on the property located at 214-250 East Route 59 and 256 East Route 59 in the Village of Nanuet, Town of Clarkstown, Rockland County, New York (heretofore referenced as the Site or Subject Property). A Site location map and Site (base) plan (Figures 1 & 2) are included for your reference.

The Subject Property contains two contiguous parcels which encompass an area of approximately 15.80 acres. The Site is identified as Map 32, Block B, Lot 12 and Map 32, Block B and Lot 12.1. The property is improved with four one-story slab-on-grade structures. Areas surrounding the buildings include asphalt paved parking surfaces, concrete walkways and landscape spaces. The following table lists the date of construction for each building and the associated addresses:

Address	Date of Construction
220-250 East Route 59	1974
214 East Route 59	1980's
39 Smith Street	1980's
256 East Route 59	1985

The current use of the Subject Property includes commercial/ retail operations. The primary structure located at 220-250 East Route 59 is anchored by Kohl's and Bob's Discount Furniture stores. Smaller retail spaces are located in the central portion of the building with addresses ranging from 224 to 246 East Route 59.

The area surrounding the Subject Property is primarily characterized by retail/ commercial development. The following table lists the abutting properties:

Location	Occupant
North	Freihofer Baking Company
South	East Route 59, beyond which are restaurants and a commercial retail plaza.
East	Commercial: stereo shop, restaurant, nail salon, tile store, doctor's office and office space
West	Commercial: Lites Plus and Safelite AutoGlass

Site topography is generally level and at grade with surrounding roadway, with a slight slope to the south. The Nauraushaun Brook, which appeared intermittent and overgrown at the time of this investigation, borders the Subject Property to the west. Electric and gas services is supplied by Orange and Rockland Utilities Inc., while potable water is supplied by Suez Water of New York (Municipal). Sewer is reportedly provided by the Town of Clarkstown. Surface water runoff enters catch basins located throughout the property which presumably discharge to the municipal sewerage system.

2.0 SITE BACKGROUND/PREVIOUS ENVIRONMENTAL REPORTING

NB Environmental Services, LLC (herein NB) of Norwalk, Connecticut, performed a Phase I Environmental Assessment (ESA) on the Subject Property dated August 8, 2019 for BCPP Holdings, LLC. Based on the findings of NB's Phase I ESA, the following issues of potential environmental concern and/or recognized environmental conditions (RECs) associated with the Subject Property were identified:

- According to the EDR report, a dry-cleaning facility had been previously located at #228 East Route 59. The UPS Store is currently located in this space. Youngs Gentle Touch Cleaners had been a RCRA Large Quantity Generator (RCRA LQG) of hazardous waste (dry cleaning solvents) from approximately 1985-2001. Later, during 2006-2007, Youngs was listed as a "non-handler" of hazardous waste. According to an inspection report dated March 3, 2015, Youngs had not been operating at this time. However, it is unclear at this time, the date Youngs ceased operation.

- The historic operation of a dry cleaner and the on-Site use of dry-cleaning solvents represent a REC as defined by ASTM E-1527-13.

Based on the findings of the Phase I ESA, EMG of Ownings Mills, Maryland performed a Limited Phase II ESA on the Subject Property dated October 3, 2019 for GEJ Nanuet LLC. The EMG subsurface investigation included collection of interior soil and sub-slab soil gas samples. Pertinent findings documented in the EMG Phase II ESA include the following:

- Concentrations of chlorinated volatile organic compounds (VOCs) were detected in two soil samples collected from beneath the building slab in the rear of the former dry-cleaning tenant space (Unit # 228). Of note, tetrachloroethylene (PCE) was detected in one soil sample at a concentration of 3.58 micrograms per kilogram (µg/kg) above the Unrestricted Use Soil Cleanup Objective (SCO) of 1.3 µg/kg. However, the concentration of PCE in soil did not exceed the Commercial SCO of 150 µg/kg. Additional chlorinated VOCs detected in subsurface soil did not exceed Unrestricted Use or Commercial Use SCOs.

- Concentrations of PCE and trichloroethylene (TCE) (4,590 micrograms per cubic meter (µg/m^3) and 1,190 µg/m^3, respectively) were detected in a sub-slab soil gas sample collected from the northern portion of the former dry-cleaning tenant space (Unit # 228). The concentrations are above the New York State Department of Environmental Health (NYSDOH) mitigation threshold when compared to Matrix A and Matrix B, as appropriate. Lower concentrations of PCE (4.02 µg/m^3 to 68.1 µg/m^3) and TCE (1.09 µg/m^3 to 29.1 µg/m^3) were detected in soil gas samples collected from the southern portion of the Unit #228 and the northern portions of Unit #'s 224 and 230.

Based on the findings of the Phase 11 ESA, EMG recommended an additional sampling including exterior soil borings in the front and rear of the former dry cleaner with collection of soil and groundwater samples. In addition, EMG recommended installation of Sub-slab Depressurization System (SSDS) within the rear portion of the former dry cleaner tenant space (present day UPS Store).

3.0 LIMITED PHASE II ESA FIELD ACTIVITIES

The performance of further investigational activities was recommended due to the identified REC and the results of the previous Phase II ESA. The purpose of the investigation is to provide information on

current subsurface conditions within and surrounding the former dry cleaner tenant space (Unit #228) to determine if impacted materials are present (to the extent possible) due to historic Site use.

To complete a Limited Phase II ESA, DTCS recommended that tasks associated with this effort should include performance of a Private Utility Locate (e.g., ground penetrating radar) and a Subsurface Sampling Investigation. DTCS was subsequently retained by 230 Plaza LLC to perform the assessment. The field study was concentrated in the former dry-cleaning tenant space (Unit #228) the eastern and western adjacent tenant spaces (#'s 224 & 230) and the exterior areas north and south of the former dry-cleaning tenant area. To complete this task, DTCS's Scope of Work included:

- Obtained Rockland County Department of Health (RCDOH) Resource Evaluation Permit to perform the subsurface investigation;

- Contacting Dig Safely New York 811 (UFPO) to obtain subsurface utility mark-outs prior to performing the field sampling investigation;

- Performance of a Private Utility Locate utilizing a magnetometer, void detector and ground penetrating radar (GPR) equipment. The purpose of this survey was to "clear" proposed soil sampling locations (i.e., identify underground utility infrastructure to ensure services were not impacted/damaged during the installation of soil borings);

- Provide quantitative data on targeted VOCs if detected within subsurface materials at the Site;

- Provide quantitative data on targeted VOCs within soil gas located beneath the slab of the former dry cleaner and the two adjacent tenant spaces to the east and west;

- Provide quantitative data on targeted VOCs within ambient indoor air (former Dry Cleaner Unit # 228) and outdoor air; and

- Prepare a Limited Phase II ESA report summarizing the findings of the field investigation and provide recommendations to address any reported subsurface contamination. The identified five boring (SB-1 - SB-5), four sub-slab soil gas (SV-1 – SP-4) and ambient indoor and outdoor air (IA-1 and OA) sampling locations documented for the Site can be reviewed in Figure 2, attached.

3.1 Private Underground Utility Mark-out

On January 24, 2020 DTCS and Underground Surveying, LLC (US) of Brookfield, CT performed the Geophysical Survey utilizing a Noggin Ground Penetrating Radar (GPR) Cart system unit, ferromagnetic metal detectors and electro-magnetic/Radio Frequency Pipe/Cable Locators.

DTCS/US conducted the Private Utility Locate by scanning the soil boring and sub-slab soil vapor sampling locations prior to advancing drilling equipment into the subsurface.

Findings

1. Utility Clearance

To obtain quantitative data on subsurface conditions, DTCS and US scanned and cleared a total of five soil boring locations and four soil gas monitoring points across the Site. Utilities were not discovered in the location of the of the proposed boring and sub-slab soil vapor sampling locations.

3.2 Soil Sampling Procedures

Prior to initiating the field work, DTCS obtained a Resource Evaluation Permit from the RCDOH to conduct the proposed drilling on-Site. A copy of the permit has been placed in Attachment A for your review. DTCS mobilized to the Site with Core Down Drilling (drilling services contractor) of Pawling, New York on January 24, 2020 to perform the subsurface investigation. Employing a Geoprobe trac-mounted drill rig, soil samples were collected from three exterior and two interior borehole locations continuously from grade to a maximum depth of 20 feet below grade surface or bgs (see Figure 2 for sampling locations). Evidence of the shallow groundwater table was not encountered to the termination depth of each boring. The exterior soil borings were advanced by the track mounted Geoprobe and soil samples were obtained with a 5-foot, 2.25-inch outer diameter macro core sample rod equipped with a disposable acetate liner into undisturbed soils. The interior borings were advanced using manual tooling (slide-weight) and soil samples were obtained with a 2-foot, 1.25-inch outer diameter macro core sample rod equipped with a disposable acetate liner into sub-slab soils. To prevent the potential for cross-contamination, all sampling equipment was decontaminated between each soil boring location.

An on-Site DTCS Geologist performed screening and classification immediately following collection of subsurface materials. The screening was conducted using a field calibrated MiniRae Photoionization

Detector or PID. PID screening can indicate the presence of volatile organics in a soil sample. Additionally, soil samples were screened by visual and olfactory means for staining and/or unusual odors.

3.3 Subsurface Soil Characterization

As detected during this investigation, the lithology of overburden materials encountered at the facility can be characterized as mixed fill (sandy loam), underlain by organics and sand. Refer to Attachment B for soil boring logs which detail subsurface materials encountered during this investigation. While performing this field survey, all soil cores were screened with a PID for VOCs upon removal from the subsurface. This screening was performed by placing the selected soil sample in a Ziploc® style freezer bag, sealing the bag, and after short pause, yielding stabilized readings with a PID calibrated to 100 parts-per million (ppm) isobutylene standard. The headspace screening yielded non-detect responses within each soil core on the day of the survey. Refer to Soil Boring Logs in Attachment B for specific field analytical readings as they relate to each soil core. Saturated soils (typically an indicator of groundwater) were not encountered in the soil borings advanced at the Subject Property. Based on the absence of shallow groundwater prior to boring termination, groundwater samples were not collected from the Site.

3.4 Subsurface Sampling and Laboratory Analysis

During investigative procedures, soil samples were collected from the bottom two feet of each soil core location as obvious impacts were not encountered (note that soil collection depths within each borehole are documented in Attachment B). All subsurface materials submitted for laboratory testing was identified as follows:

York Laboratory Number: 20A0916-01 – 20A0916-05

Sample No. 001 = Soil Boring SB-1

Sample No. 002 = Soil Boring SB-2

Sample No. 003 = Soil Boring SB-3

Sample No. 004 = Soil Boring SB-4

Sample No. 005 = Soil Boring SB-5

All soil samples collected during the investigation were packed on ice and prepared for transport to York upon collection and were carried under standard chain of custody protocol. Each sample was analyzed for the full list of VOCs via EPA test method 8260. The complete laboratory package may be found in Attachment C for review.

3.5 Soil Gas Sampling

Based upon the historical Site use, sub-slab soil vapor samples were also collected to characterize the soil gas quality beneath the slab of the Site structure. A total of three soil gas samples were collected during the Limited Phase II ESA field study (see Figure 2 for locations). The sub-slab soil vapor samples were collected as follows:

Sub-Slab Soil Gas Sample ID	Location
SV-1	Unit #224 (Vacant unit): Rear/ northern storage room
SV-2	NO SAMPLE COLLECTED[1] Unit #228 (UPS Store): Central portion of space near computer station and main counter area
SV-3	Unit #228 (UPS Store): Rear/ northern portion of space near storage shelf and packing area
SV-4	Unit #230 (Gamestop): Rear/ northern portion of space near video game storage shelf

A total of four sub-slab soil vapor points were installed at the Site. The soil vapor points were constructed by drilling a 5/8-inch hole through the slab and installing brass pins recessed in the slab, sealed with a silicon sleeve and covered with a protective flush mount stainless steel cover (approximately 1.5-inch diameter). The sub-slab soil vapor points were completed as permanent flush mount sample locations. Following the vapor point construction, a MiniRae (which registers airflow below 0.2 liters per minute) was attached to the polyethylene tubing and a minimum of three sample volumes were purged from each point. Soil vapor sample were collected for analysis with 6-liter SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration time. During both purging and sampling, the flow rate was restricted to less than (<) 0.2 liters per minute and connected directly to the dedicated tubing. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and

[1] *A sub-slab soil gas sample could not be collected from SV-2 based on a faulty SUMMA can regulator which would not allow soil vapor to enter the canister during the sample collection period.*

after sampling to document that the soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain. Following sampling, the pressure of the SUMMA canister was recorded, and each vapor point was covered and capped with the flush-mount stainless steel protective cover. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, and chain of custody protocols.

3.6 Soil Gas Laboratory Analysis

Samples collected in SUMMA canisters were transported to York by a laboratory provided courier and analyzed for VOCs via USEPA Method TO-15. Each sample submitted for laboratory testing was identified as follows:

York Laboratory Number: 20A0917-01, -03 and 20A0917-04

Sample No. 001 = Sub slab SV-1

Sample No. 003 = Sub slab SV-3

Sample No. 004 = Sub slab SV-4

3.7 Indoor and Outdoor Air Sampling

An indoor air sample, designated IA-1, was collected from the rear portion of the UPS Store (Unit #228) at a height of approximately 4-feet from the ground surface. An outdoor air sample, designated OA was collected from the rear exterior area of the UPS Store (Unit #228) at a height of approximately 3-feet from the ground surface. Both samples were collected for analysis with 6-liter SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration time.

3.8 Indoor and Outdoor Air Laboratory Analysis

Samples collected in SUMMA canisters were transported to York by a laboratory provided courier and analyzed for VOCs via USEPA Method TO-15. Each sample submitted for laboratory testing was identified as follows:

York Laboratory Number: 20A0917-05 – 20A0917-06

Sample No. 005 = Indoor Air IA-1

Sample No. 006 = Outdoor Air OA

The complete laboratory package may be found in Attachment C for your review.

4.0 FINDINGS

Based upon the field and laboratory results of this investigation, DTCS presents the following findings concerning subsurface soil, soil gas and ambient indoor/ outdoor air quality:

4.1 Subsurface Soil Quality

To provide data on current subsurface conditions, a total of five soil borings were advanced at the Subject Property. Upon review of analytical testing, DTCS concludes that most all soil boring locations were returned with detectable concentrations of VOCs with the exception of Soil Boring SB-4. This monitoring point (SB-4; see Figure 2 for location) was placed adjacent to the assumed locations of the equipment utilized during the historic dry cleaning operations conducted on-Site. Technical data generated for Soil Boring SB-4 revealed the presence of chlorinated VOCs above unrestricted, but below commercial soil cleanup objectives (SCOs). Attached as Table 1 is a soil quality chart of laboratory documented compounds in comparison to their respective SCOs as defined in NYSDEC Part 375-6.8(a) Unrestricted Use and 375-6.8(b) Commercial Use SCOs, December 14, 2006.

4.2 Soil Vapor/ Gas Quality

The results of soil vapor sampling indicate concentrations of chlorinated VOCs are present in each of the three soil gas samples collected from the Site. A summary table comparing the target compounds for which NYSDOH provides guidance values is included as Table 2. Indoor and outdoor air concentrations are included in Table 2 for evaluation purposes. A data table for all soil vapor chemical analytical work is included in Table 3.

Significant concentrations VOCs including, but not limited to cis-1,2-Dichloroethylene (cis-1,2-DCE), PCE TCE and vinyl chloride were reported within each sub-slab soil gas sample collected on-Site. The highest concentrations were reported in SV-3 collected in the rear of the former dry cleaner tenant space #228 (present day UPS Store). When compared with indoor air concentrations, the sub-slab cis-1,2-DCE, PCE, TCE and vinyl chloride soil gas concentrations warrant "Mitigation" based on evaluation of the appropriate NYSDOH Final Guidance on Soil Vapor Intrusion matrices (See Table 2). As noted

in Table 3, additional chlorinated VOCs of concern detected in sub-slab soil gas include 1,1-dichloroethylene (1,1-DCE) and trans-1,2-dichloroethylene (trans-1,2-DCE).

4.3 Indoor and Outdoor Air Quality

The results of indoor air sampling indicated that twenty-eight VOCs are present within both indoor air and outdoor air samples collected on-Site. A data table for all indoor and outdoor air chemical analytical work is included in Table 4. For comparison purposes, the detected concentrations are compared to the EPA Target Indoor Air Concentrations for Industrial/ Commercial properties.

Chloroform and benzene were both detected in indoor air above the EPA Target Indoor Air Concentrations for Industrial/ Commercial properties. Neither compound was detected in sub-slab soil gas. Accordingly, the indoor air concentrations are unlikely associated with a vapor intrusion condition. The concentrations of cis-1,2-DCE, PCE, TCE and vinyl chloride were slightly higher in the indoor air sample as compared to the background outdoor air concentration. None of the indoor air concentrations were above the EPA Target Indoor Air Concentrations for Industrial/ Commercial properties.

5.0 CONCLUSIONS

The historic on-Site dry-cleaning operations have impacted sub-slab soil gas across the Site. Based upon the Limited Phase II Subsurface Investigation performed, there is evidence of a release of chlorinated solvents from the former on-Site dry cleaner.

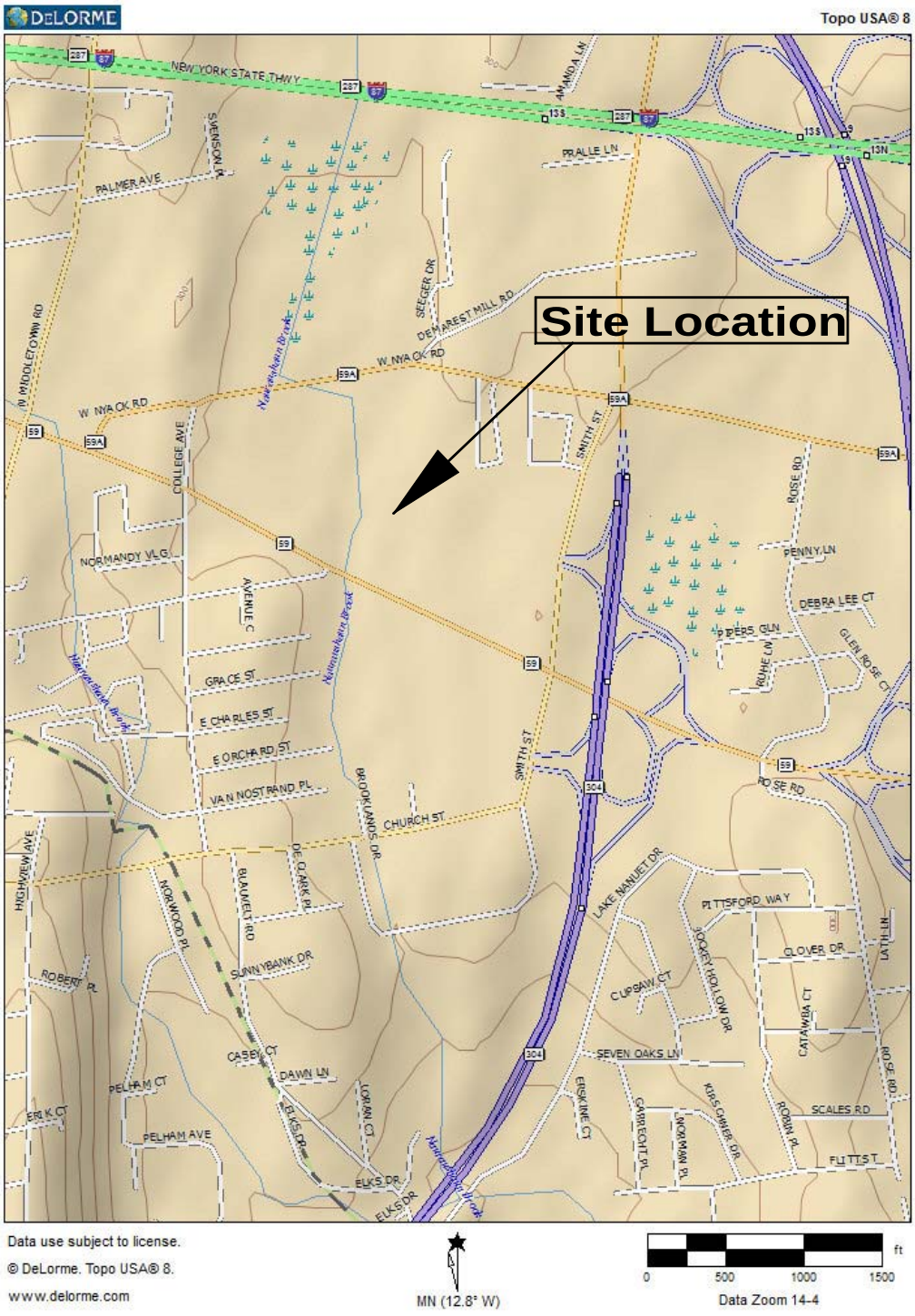
6.0 RECOMENDATIONS

Due to the elevated VOCs encountered in sub-slab and soil gas, DTCS recommends an inquiry to the NYSDEC to determine eligibility on entering into Brownfield Cleanup Program (BCP). Additional Site investigative activities will likely be required to define the complete nature and extent of subsurface impacts. Once this Limited Phase II ESA document is reviewed by the NYSDEC, an appropriate work plan should be developed describing field activities proposed to delineate the contamination identified and the need and/or methods of mitigation determined. At minimum, based on an evaluation of the sub-slab soil gas data, a Sub-slab Depressurization System should be installed at the Site to mitigate vapor intrusion.

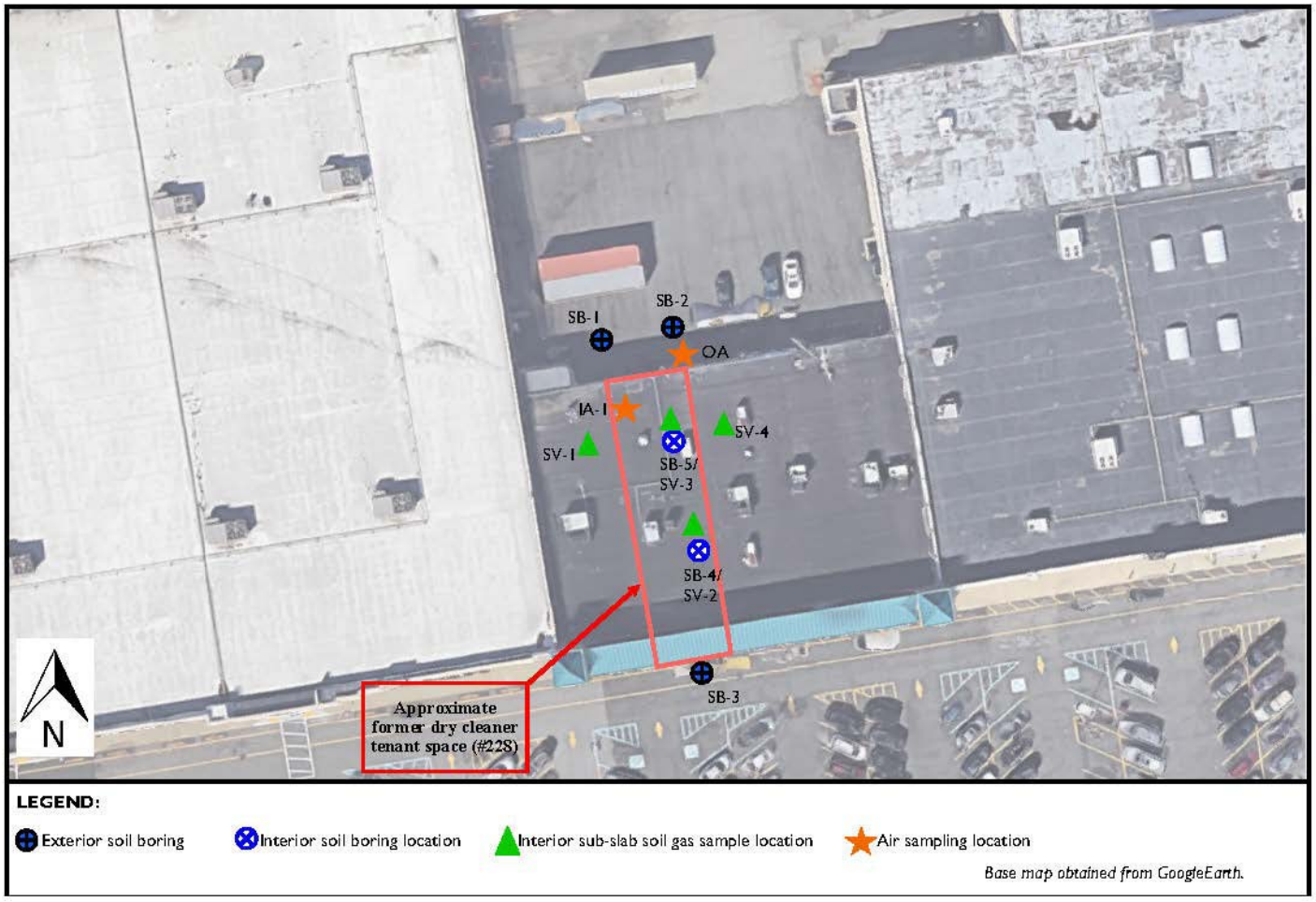
7.0 LIMITATIONS

DTCS has prepared this report using reasonable efforts in each phase of its work to determine the extent of subsurface contamination (if any) within the locations of potential environmental concern. This report is not definitive, and should not be assumed to be a complete or specific definition of all conditions above or below grade. The conclusions/recommendations set forth herein are applicable only to the facts and conditions described at the time of this report.

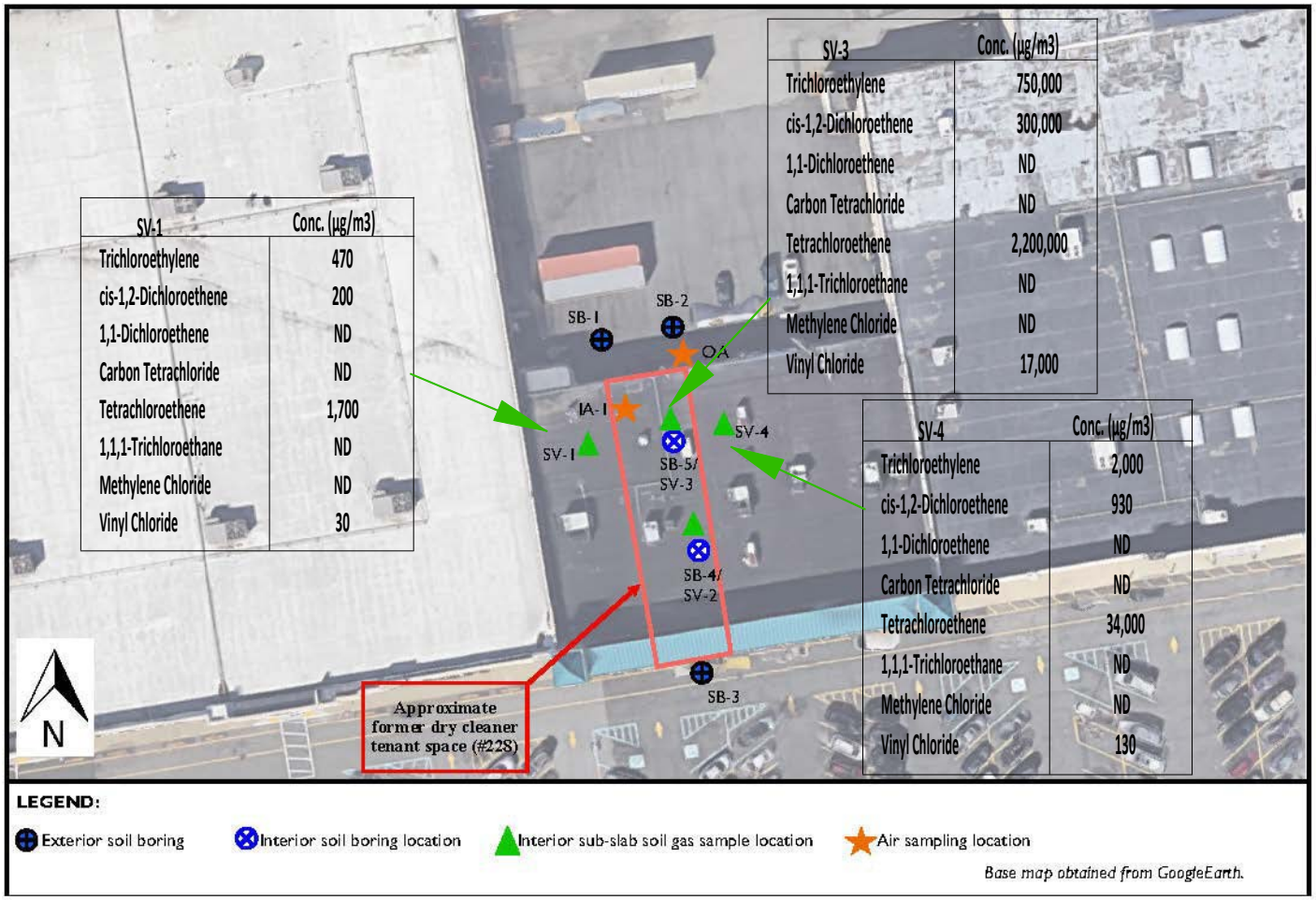
FIGURES



Client: 230 Plaza, LLC		**Site Location Plan**
Site: 214-250 and 256 East Route 59, Nanuet, NY		
	Drawn by: DJT / **Scale:** Graphic	**Figure No:** 1



DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	Client: 230 Plaza, LLC			
	Location: 214 - 250 & 256 East Route 59, Nanuet, Rockland County, New York			
	Title: Site (base) Map - Sampling Locations			
	Scale: Graphic	Drawn By: O.T.		Fig.#: 2



DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	Client: 230 Plaza, LLC			
	Location: 214 - 250 & 256 East Route 59, Nanuet, Rockland County, New York			
	Title: Sub-Slab Soil Vapor Technical Results Map			
	Scale: Graphic	Drawn By: O.T.		Fig.#: 3

TABLES

Table 1:

Summary of Soil Laboratory Analysis - Volatile Organic Compounds (VOCs)

Site: 230 Plaza, LLC
214-250 & 256 East Route 59
Nanuet, Rockland County, New York

Client: 230 Plaza, LLC
Post Office Box 54
Stony Point, New York 10980

Contact: Mr. Patrick Magee Jr.

Sample Location			**SB-1**	**SB-2**	**SB-3**	**SB-4**	**SB-5**
Date Collected			1/24/2020	1/24/2020	1/24/2020	1/24/2020	1/24/2020
Matrix			Soil	Soil	Soil	Soil	Soil
Analytical Method			8260	8260	8260	8260	8260
Compound	**Soils Guidance¹**	**Soils Guidance²**	**Sample Con**	**Sample Con**	**Sample Con**	**Sample Con**	**Sample Con**
Acetone	50	500,000	ND	ND	4.8J	6.6J	24
cis-1,2-Dichloroethylene	250	500,000	ND	ND	ND	100	ND
Tetrachloroethylene	1,300	150,000	ND	ND	ND	**3800**	ND
Trichloroethylene	470	200,000	ND	ND	ND	100	ND
Vinyl Chloride	20	13,000	ND	ND	ND	3.6J	ND

Notes:

1. Soil results are recorded in micrograms-per-kilogram (µg/Kg) or ppb.
2. ND = Undetected. J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration.
3. Soil Guidance¹ was adopted from the NYSDEC 6 NYCRR Part 375-6.8(a) Unrestricted Use SCOs, December 14, 2006.
4. Soil Guidance² was adopted from the NYSDEC 6 NYCRR Part 375-6.8(b) Commercial Use SCOs, December 14, 2006.
5. Sample concentrations exceeding Unrestricted SCOs are printed in bold and underlined; those exceeding commercial SCOs are printed in bold, underlined and highlighted.
6. Only those parameters with laboratory detectable concentrations are shown on this Table.

Table 2
Phase II Environmental Site Assessment
Soil Vapor/Ambient Air Detections Summary
NYSDOH Matrix A
214-250 & 256 East Route 59, Nanuet, Rockland County, New York

Compound	Soil Vapor, Indoor and Outdoor Air Concentrations (µg/m^3)					NYSDOH Decision Matrix A: Trichloroethylene (TCE), cis-1,2-Dichloroethene, 1,1-Dichloroethene and Carbon Tetrachloride				
	SV-1	SV-3	SV-4	IA-1	OA			Indoor Air Concentration		
								<0.2 µg/m^3	0.2 to <1 µg/m^3	1 µg/m^3 and above
Trichloroethylene	470	750,000	2,000	0.84	0.50	Sub-Slab Vapor Concentration	<6 µg/m^3	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
cis-1,2-Dichloroethene	200	300,000	930	0.58	0.23		6 to 60 µg/m^3	4. No Further Action	5. Monitor	6. Mitigate
1,1-Dichloroethene	ND	ND	ND	ND	ND		60 µg/m^3 and above	7. Mitgate	8. Mitigate	9. Mitigate
Carbon Tetrachloride	ND	ND	ND	0.43	0.49					

NFA - No Further Action

µg/m^3 - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix A

ND - Compound not detected above laboratory detection limits

Table 2

Phase II Environmental Site Assessment

Soil Vapor/Ambient Air Detections Summary

NYSDOH Matrix B

214-250 & 256 East Route 59, Nanuet, Rockland County, New York

Compound	Soil Vapor, Indoor and Outdoor Air Concentrations ($\mu g/m^3$)					NYSDOH Decision Matrix B: Tetrachloroethene (PCE), 1,1,1-Trichloroethane (1,1,1-TCA) and Methylene Chloride				
	SV-1	SV-3	SV-4	IA-1	OA			Indoor Air		
								<3 $\mu g/m^3$	3 to <10 $\mu g/m^3$	10 $\mu g/m^3$ and above
Tetrachloroethene	1,700	2,200,000	34,000	6.1	3.7	Sub-Slab Vapor Concentration	<100 $\mu g/m^3$	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
1,1,1-Trichloroethane	ND	ND	ND	ND	ND		100 to 1,000 $\mu g/m^3$	4. No Further Action	5. Monitor	6. Mitgate
Methylene Chloride	ND	ND	ND	34	41		1,000 $\mu g/m^3$ and above	7. Mitgate	8. Mitgate	9. Mitgate

NFA - No Further Action

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

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix B

ND - Compound not detected above laboratory detection limits

Table 2

Phase II Environmental Site Assessment

Soil Vapor/Ambient Air Detections Summary

NYSDOH Matrix C

214-250 & 256 East Route 59, Nanuet, Rockland County, New York

Compound	Soil Vapor, Indoor and Outdoor Air Concentrations (µg/m^3)					NYSDOH Decision Matrix C: Vinyl Chloride			
	SV-1	SV-3	SV-4	IA-1	OA			Indoor Air Concentration	
								<0.2 µg/m^3	0.2 µg/m^3 a and above
Vinyl Chloride	30	17,000	130	0.1	ND	Sub-Slab Vapor Concentration	<6 µg/m^3	1. No Further Action	2. Identify Source(s) and Resample or Mitigate
							6 to 60 µg/m^3	3. Monitor	4. Mitgate
							60 µg/m^3 and above	5. Mitgate	6. Mitgate

NFA - No Further Action

µg/m^3 - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix C

ND - Compound not detected above laboratory detection limits

Table 3 - Soil Vapor Data

214-250 256 East Route 59,
Nanuet, Rockland County, New York

SAMPLE ID **LOCATION** **DATE** **UNITS**	**SV-1** **Sub-Slab** **1/24/2020** **µg/m^3**	**SV-3** **Sub-Slab** **1/24/2020** **µg/m^3**	**SV-4** **Sub-Slab** **1/24/2020** **µg/m^3**
1,1-Dichloroethylene	1.5	680	6.8
1,2,4-Trimethylbenzene	13	ND	15
1,3,5-Trimethylbenzene	3.3	ND	ND
2-Butanone	13	ND	31
Acetone	140	69	440
Carbon disulfide	ND	ND	8.9
cis-1,2-Dichloroethylene	**200**	**300,000**	**930**
Ethyl Benzene	30	81	66
Isopropanol	9.4	ND	ND
n-Heptane	11	ND	ND
n-Hexane	ND	ND	12
o-Xylene	8.9	160	21
p- & m- Xylenes	21	130	36
p-Ethyltoluene	20	ND	31
Tetrahydrofuran	6.6	ND	ND
Toluene	8.2	ND	13
trans-1,2-Dichloroethylene	4.9	2200	24
Trichloroethylene	**470**	**750,000**	**2000**
Vinyl Chloride	*30*	**17,000**	**130**
Tetrachloroethylene	**1700**	**2,200,000**	**34000**

1. µg/m^3 - micrograms per cubic meter
2. VOCs - Volatile Organic Compounds by EPA TO-15
3. **BOLD** values warrant mitigation based on comparison with NYS DOH matricies
4. *Italics* values warrant monitoring based on comparison with NYS DOH matricies

Table 4 - Ambient Air Quality Data

214-250 256 East Route 59, Nanuet
Rockland County
New York

SAMPLE ID	EPA Target Indoor Air Concentrations Industrial/ Commercial	IA-1	OA
LOCATION		Indoor Air	Outdoor Air
DATE		1/24/2020	1/24/2020
UNITS		µg/m^3	µg/m^3
VOCs EPA Method TO-15			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	130000	ND	0.54
1,2,4-Trimethylbenzene	31	2.8	1.5
1,3,5-Trimethylbenzene	~	0.82	0.49
2-Butanone	22000	3.2	1.3
4-Methyl-2-pentanone	13000	1.1	1.2
Benzene	1.6	**2.0**	1.0
Carbon tetrachloride	2	0.43	0.49
Chloroform	0.53	**0.53**	ND
Chloromethane	390	1.2	1.2
cis-1,2-Dichloroethylene	~	0.58	0.23
Cyclohexane	26000	0.91	0.49
Dichlorodifluoromethane	440	1.4	1.3
Ethyl acetate	310	53	2.4
Ethyl Benzene	~	1.5	0.77
Isopropanol	880	52	5.6
Methyl Methacrylate	3100	130	19
Methylene chloride	1200	34	41
n-Heptane	~	1.7	1.6
n-Hexane	3100	5.8	13
o-Xylene	440	2.0	0.80
p- & m- Xylenes	440	4.8	2.5
p-Ethyltoluene	~	2.4	1.2
Styrene	4400	2.3	1.3
Tetrachloroethylene	47	6.1	3.7
Toluene	22000	12	9.6
Trichloroethylene	3	0.84	0.50
Trichlorofluoromethane (Freon 11)	~	1.3	1.4
Vinyl Chloride	3	0.10	ND
Acetone	140000	1400	33

1. µg/m^3 - micrograms per cubic meter

2. VOCs - Volatile Organic Compounds by EPA TO-15

3. EPA OSWER Final Guidance For Assessing and Mitigating the Vapor Intrusion Pathway From Subsurface Sources to Indoor Air, June 2015

4. **BOLD** vlaues exceed EPA indoor air standard

ATTACHMENTS

DT CONSULTING SERVICES, INC.

ATTACHMENT A

Rockland County HEALTH

PERMIT TO CONSTRUCT A RESOURCE EVALUATION WELL

Phone (845) 364-3682 Fax (845) 364-2025

RE-20-001			
Permit #:	Actual Drilling Date:	Actual Drilling Time:	RCDOH Notification Confirmation #:

Location of Well

64.06-1-12	214-256 E. Route 59	Nanuet	Clarkstown
Section/Block/Lot:	Well Address:	Well Village/City:	Well Town:

Subdivision Name: Lot Number:

Wells Installed:

Drilling Contractor

Core Down Drilling, LLC	RCDOH Registration	RWC-0075	NYSDEC Registration	NYRD 10960
Phone: 845-803-4347	RCDOH Expiration Date	11/30/2020	NYSDEC Expiration Date	3/31/2020

Property Owner

230 Plaza, LLC	PO Box 54	Stony Point	NY	10980
Name:	Mailing Address:			
Pat Magee	(845) 429-8231	(845) 429-8231		
Authorized Representative:	Phone:	Fax:		

Conditions of Permit

General Conditions (apply to all parties named on the application)

- Permit is automatically rendered null and void if the application is not true and accurate.
- All work shall be conducted in compliance with applicable federal, state and local laws, rules and regulations.
- There shall be no deviations from the plans submitted on and with the application without prior approval by the Commissioner (or his/her designee).

Drilling Contractor

- **Minimum two (2) business days notice required prior to drilling well.** Call (845) 364-3682 or email erlichj@co.rockland.ny.us; record the notification confirmation number provided by RCDOH. No subsequent deviation in date and time allowed without prior notification
- Install, develop and secure the well(s) in accordance with the plans submitted with the application or in accordance with any conditions listed below.
- Submit a signed copy of the boring log(s) and well completion report(s), to RCDOH within 60 days of drillings the well(s).

Property Owner

- Submit documentation of appropriate waste disposal pursuant to all federal, state, local laws and regulations to RCDOH within 30 days of drilling.

Other Conditions

- All boreholes must be decommissioned within 48 hours (see Paragraph 2.8.4.10.1 of the Rockland County Sanitary Code). Only boreholes less than 25 ft. that do not intercept groundwater may be decommissioned by backfilling with uncontaminated cuttings and tamping. Otherwise, grout used to seal the borings shall be mixed pursuant to Paragraph 2.8.3.5.1. Ensure that all wastes generated during the drilling operations are properly managed and disposed of in accordance with federal, state and local laws and regulations.
- All monitoring wells must be protected from damage during any construction activities, and must be decommissioned upon completion of the investigation pursuant to Article II of the Rockland County Sanitary Code. Such decommissioning will require removal of the casing and filter pack prior to pressure grouting from the base to ground surface. In the event these wells are damaged or covered prior to being properly decommissioned, the owner will be responsible for any action required to expose the entire depth of the borehole to allow decommissioning.

1 /8 /2020	7 /8 /2020	
Issuance Date:	Expiration Date:	Permit Issuing Official

DT CONSULTING SERVICES, INC.

ATTACHMENT B

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

Soil Boring Log
SB-1

Hole No: SB-1
Sheet 1 of 1

Date Started: 1-22-20
Date Finished: 1-22-20

Client: 230 Plaza, LLC

Method of investigation: 2" Hollow Stem Samplers

Location: 214-250 & 256 East Route 59, Nanuet, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: D. Bellucci
Drill Rig: Geoprobe

Weather: Partly Cloudy 34° F @ 0830

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Asphalt, stone			
		2				Light brown, mixed fill, damp, no odor.			Sampled subsurface soils
		3							(18-20' bgs, SB-1)
		4							
5					36"		0.0		Groundwater not
		6							encountered.
		7							
		8							
		9				Light brown, fine sand/silt, moist, no odor.			
10					36"		0.0		
		11							
		12							
		13							
		14							
15					42"	Same.	0.0		
		16							
		17							
		18							
		19							
20					36"	Same.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key


Cement Grout


Native Fill


Borehole


Bentonite

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

Soil Boring Log
SB-2

Hole No: SB-2
Sheet 1 of 1

Date Started: 11-21-19
Date Finished: 11-21-19

Client: 230 Plaza, LLC

Method of investigation: 2" Hollow Stem Samplers

Location: 214-250 & 256 East Route 59, Nanuet, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: D. Bellucci
Drill Rig: Geoprobe

Weather: Partly Cloudy 34° F @ 0830

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Asphalt, stone			
		2				Light brown, mixed fill, damp, no odor.			Sampled subsurface soils
		3							(18-20' bgs, SB-1)
		4							
5					38"	Light brown, fine sand/silt, moist, no odor.	0.0		Groundwater not
		6							encountered.
		7							
		8							
		9							
10					50"	Same.	0.0		
		11							
		12							
		13							
		14							
15					49"	Same.	0.0		
		16							
		17							
		18							
		19							
20					52"	Same.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement | Native Fill | Borehole | Bentonite

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

Soil Boring Log
SB-3

Hole No: SB-3
Sheet 1 of 1

Date Started: 11-21-19
Date Finished: 11-21-19

Client: 230 Plaza, LLC

Method of investigation: 2" Hollow Stem Samplers

Location: 214-250 & 256 East Route 59, Nanuet, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: D. Bellucci
Drill Rig: Geoprobe

Weather: Partly Cloudy 34° F @ 0830

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Asphalt, stone			
		2				Light brown, mixed fill, damp, no odor.			Sampled subsurface soils
		3							(15-17' bgs, SB-3)
		4							
5					10"		0.0		Groundwater not
		6							encountered.
		7							
		8							
		9				Light brown, fine sand/silt, moist, no odor.			
10					26"		0.0		
		11							
		12							
		13							
		14							
15					50"	Same.	0.0		
		16							
		17			18"	Same. Resistance @ 17' bgs.			
		18							
		19							
20									

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement
Native Fill
Borehole
Bentonite

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

Soil Boring Log
SB-4

Hole No: SB-4

Sheet 1 of 1

Date Started: 11-21-19

Date Finished: 11-21-19

Client: 230 Plaza, LLC

Method of investigation: 2" Hollow Stem Samplers

Location: 214-250 & 256 East Route 59, Nanuet, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling

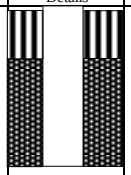
Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: D. Bellucci

Drill Rig: Geoprobe

Weather: Partly Cloudy 34° F @ 0830

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Concrete, stone			
		2				Light brown, mixed fill, damp, no odor.			Sampled subsurface soils
		3				Resistance @ 3' bgs.			(2-3' bgs, SB-4)
		4							
5									Groundwater not
		6							encountered.
		7							
		8							
		9							
10									
		11							
		12							
		13							
		14							
15									
		16							
		17							
		18							
		19							
20									

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

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

Soil Boring Log
SB-5

Hole No: SB-5
Sheet 1 of 1

Date Started: 11-21-19
Date Finished: 11-21-19

Client: 230 Plaza, LLC

Method of investigation: 2" Hollow Stem Samplers

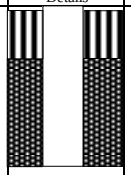
Location: 214-250 & 256 East Route 59, Nanuet, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: D. Bellucci
Drill Rig: Geoprobe

Weather: Partly Cloudy 34° F @ 0830

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
		1				Concrete, stone			
		2				Light brown, mixed fill, damp, no odor.			Sampled subsurface soils
		3			19"	Resistance @ 3' bgs.			(2-3' bgs, SB-5)
		4							
5									Groundwater not
		6							encountered.
		7							
		8							
		9							
10									
		11							
		12							
		13							
		14							
15									
		16							
		17							
		18							
		19							
20									

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement
Native Fill
Borehole
Bentonite

DT CONSULTING SERVICES, INC.

ATTACHMENT C

DT CONSULTING SERVICES, INC.

Soil Technical Reporting

Technical Report

prepared for:

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

Report Date: 02/03/2020
Client Project ID: 214-256 East Route 59 Nanuet, New York
York Project (SDG) No.: 20A0916

Report Date: 02/03/2020
Client Project ID: 214-256 East Route 59 Nanuet, New York
York Project (SDG) No.: 20A0916

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 27, 2020 with a temperature of 1.4 C. The project was identified as your project: **214-256 East Route 59 Nanuet, New York**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20A0916-01	SB-1	Soil	01/24/2020	01/27/2020
20A0916-02	SB-2	Soil	01/24/2020	01/27/2020
20A0916-03	SB-3	Soil	01/24/2020	01/27/2020
20A0916-04	SB-4	Soil	01/24/2020	01/27/2020
20A0916-05	SB-5	Soil	01/24/2020	01/27/2020

General Notes for York Project (SDG) No.: 20A0916

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

Approved By: 

Date: 02/03/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB-1 **York Sample ID:** 20A0916-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 9:30 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		

Sample Information

Client Sample ID: SB-1 **York Sample ID:** 20A0916-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 9:30 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	85	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-64-1	Acetone	ND		ug/kg dry	4.2	8.5	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		

Sample Information

Client Sample ID: SB-1 **York Sample ID:** 20A0916-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 9:30 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.5	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.5	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.5	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-1 **York Sample ID:** 20A0916-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 9:30 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C	01/29/2020 17:19	01/30/2020 07:45	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	02/03/2020 16:43	02/03/2020 16:44	WL
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-2 **York Sample ID:** 20A0916-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 10:02 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

Sample Information

Client Sample ID: SB-2 **York Sample ID:** 20A0916-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 10:02 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	84	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-2 **York Sample ID:** 20A0916-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 10:02 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-64-1	Acetone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-2 **York Sample ID:** 20A0916-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 10:02 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.4	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.3	13	1	EPA 8260C	01/31/2020 09:32	01/31/2020 13:55	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*

Sample Information

Client Sample ID: SB-2 **York Sample ID:** 20A0916-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 10:02 am	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	1	SM 2540G Certifications: CTDOH	02/03/2020 16:43	02/03/2020 16:44	WL

Sample Information

Client Sample ID: SB-3 **York Sample ID:** 20A0916-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 12:35 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/29/2020 17:19	01/30/2020 08:38	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/29/2020 17:19	01/30/2020 08:38	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/29/2020 17:19	01/30/2020 08:38	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/29/2020 17:19	01/30/2020 08:38	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/29/2020 17:19	01/30/2020 08:38	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/29/2020 17:19	01/30/2020 08:38	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/29/2020 17:19	01/30/2020 08:38	LLJ
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI	01/29/2020 17:19	01/30/2020 08:38	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI	01/29/2020 17:19	01/30/2020 08:38	LLJ

Sample Information

Client Sample ID: SB-3 **York Sample ID:** 20A0916-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 12:35 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/30/2020 08:38	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 NELAC-NY10854,NELAC-NY12058,PADEP,NJI	01/30/2020 08:38	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 NELAC-NY10854,NELAC-NY12058,PADEP,NJI	01/30/2020 08:38	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	79	1	EPA 8260C Certifications:	01/29/2020 17:19 NELAC-NY10854,NELAC-NY12058,PADEP,NJI	01/30/2020 08:38	LLJ
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 NELAC-NY10854,NELAC-NY12058,NJDEP	01/30/2020 08:38	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
67-64-1	**Acetone**	**4.8**	J	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/30/2020 08:38	LLJ
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 NELAC-NY10854,NELAC-NY12058,PADEP,NJI	01/30/2020 08:38	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	01/29/2020 17:19 NELAC-NY10854,NELAC-NY12058,PADEP,NJI	01/30/2020 08:38	LLJ

Sample Information

Client Sample ID: SB-3 **York Sample ID:** 20A0916-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 12:35 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	7.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
91-20-3	Naphthalene	ND		ug/kg dry	2.0	7.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-3 **York Sample ID:** 20A0916-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 12:35 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	7.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.9	12	1	EPA 8260C	01/29/2020 17:19	01/30/2020 08:38	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	02/03/2020 16:43	02/03/2020 16:44	WL
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB-3 **York Sample ID:** 20A0916-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 12:35 pm	01/27/2020

Sample Information

Client Sample ID: SB-4 **York Sample ID:** 20A0916-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 2:20 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-4 **York Sample ID:** 20A0916-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 2:20 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-64-1	**Acetone**	**6.6**	J	ug/kg dry	3.9	7.8	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-86-1	Bromobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-59-2	**cis-1,2-Dichloroethylene**	**100**		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-4 **York Sample ID:** 20A0916-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 2:20 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
91-20-3	Naphthalene	ND		ug/kg dry	1.9	7.8	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
127-18-4	**Tetrachloroethylene**	**3800**		ug/kg dry	190	390	100	EPA 8260C	01/29/2020 17:19	02/03/2020 16:18	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-4 **York Sample ID:** 20A0916-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 2:20 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
79-01-6	**Trichloroethylene**	**100**		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-05-4	Vinyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
75-01-4	**Vinyl Chloride**	**3.6**	J	ug/kg dry	1.9	3.9	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:04	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.6 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.5**		%	0.100	1	SM 2540G	02/03/2020 16:43	02/03/2020 16:44	WL
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-5 **York Sample ID:** 20A0916-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 3:15 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			

Sample Information

Client Sample ID: SB-5 **York Sample ID:** 20A0916-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 3:15 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI			
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: SB-5 **York Sample ID:** 20A0916-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 3:15 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-64-1	**Acetone**	**24**		ug/kg dry	6.4	13	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-86-1	Bromobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-5 **York Sample ID:** 20A0916-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 3:15 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-09-2	Methylene chloride	ND		ug/kg dry	6.4	13	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-05-4	Vinyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		

Sample Information

Client Sample ID: SB-5 **York Sample ID:** 20A0916-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0916	214-256 East Route 59 Nanuet, New York	Soil	January 24, 2020 3:15 pm	01/27/2020

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.7	19	1	EPA 8260C	01/29/2020 17:19	01/30/2020 09:30	LLJ
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	02/03/2020 16:43	02/03/2020 16:44	WL
							Certifications: CTDOH			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20A0916-01	SB-1	40mL Vial with Stir Bar-Cool 4° C
20A0916-02	SB-2	40mL Vial with Stir Bar-Cool 4° C
20A0916-03	SB-3	40mL Vial with Stir Bar-Cool 4° C
20A0916-04	SB-4	40mL Vial with Stir Bar-Cool 4° C
20A0916-05	SB-5	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record

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

YORK Project No. 20A0916

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services Inc	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: 214-256 East Route 59 Nanuet, New York	RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Deborah Thompson

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

Deborah Thompson

Matrix Codes

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

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-1	S	1/24/20 9:38am	8260 (Full)	(4) 40ml
SB-2		10:02		
SB-3		12:37pm		
SB-4		2:26pm		
SB-5		3:15pm		

Comments:

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

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	1/27/20	Client	1-27-20 1120	Client	1-27-20 1528
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				KBlocker	1/27/20 1528

Temp. Received at Lab
1.4 Degrees C

DT CONSULTING SERVICES, INC.

Soil Vapor/Ambient Air Technical Reporting

Technical Report

prepared for:

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

Report Date: 02/05/2020
Client Project ID: 214-256 East Route 59 Nanuet, NY
York Project (SDG) No.: 20A0917

Report Date: 02/05/2020
Client Project ID: 214-256 East Route 59 Nanuet, NY
York Project (SDG) No.: 20A0917

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 28, 2020 with a temperature of C. The project was identified as your project: **214-256 East Route 59 Nanuet, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20A0917-01	SV-1	Soil Vapor	01/24/2020	01/28/2020
20A0917-03	SV-3	Soil Vapor	01/24/2020	01/28/2020
20A0917-04	SV-4	Soil Vapor	01/24/2020	01/28/2020
20A0917-05	IA-1	Indoor Ambient Air	01/24/2020	01/28/2020
20A0917-06	OA	Outdoor Ambient Ai	01/24/2020	01/28/2020

General Notes for York Project (SDG) No.: 20A0917

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

Approved By: 

Date: 02/05/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 20A0917-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:05 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	4.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.4	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.4	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**1.5**		ug/m³	0.61	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.6	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**13**		ug/m³	3.0	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.8	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.9	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**3.3**		ug/m³	3.0	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	4.1	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.9	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	4.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**13**		ug/m³	1.8	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 20A0917-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:05 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	5.1	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	9.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**140**		ug/m³	2.9	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	1.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	2.0	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	3.2	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	4.1	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	6.4	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	2.4	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	1.9	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.97	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	2.9	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	1.6	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	3.0	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	1.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**200**		ug/m³	0.61	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.8	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	2.1	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	5.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.1	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	4.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:			

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 20A0917-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:05 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**30**		ug/m³	2.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	6.6	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**9.4**		ug/m³	3.0	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	2.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.2	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	4.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**11**		ug/m³	2.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	2.2	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**8.9**		ug/m³	2.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**21**		ug/m³	5.4	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**20**		ug/m³	3.0	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	1.1	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	2.6	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**1700**		ug/m³	10	15.48	EPA TO-15	01/31/2020 09:00	01/31/2020 22:27	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**6.6**		ug/m³	3.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:			
108-88-3	**Toluene**	**8.2**		ug/m³	2.3	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**4.9**		ug/m³	2.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.8	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**470**		ug/m³	0.83	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	3.5	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	2.2	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	2.7	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **20A0917-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:05 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**30**		ug/m³	0.40	6.192	EPA TO-15	01/31/2020 09:00	02/01/2020 06:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*70-130*

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **20A0917-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:15 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	99	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	79	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	99	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	110	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	79	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	58	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**680**		ug/m³	14	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	110	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	71	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	110	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	87	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	58	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 20A0917-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:15 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m³	67	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	100	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	71	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	96	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	87	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	67	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	87	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	100	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	2-Butanone	ND		ug/m³	43	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	120	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	230	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	59	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**69**		ug/m³	69	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	31	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	46	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	75	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	97	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	150	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	56	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	45	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	23	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 20A0917-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:15 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	66	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	38	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	70	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	30	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**300000**		ug/m³	170	1730	EPA TO-15	02/03/2020 09:00	02/04/2020 11:20	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	66	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	50	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	120	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	71	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	100	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**81**		ug/m³	63	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	150	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	Isopropanol	ND		ug/m³	71	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	59	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	52	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	100	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	59	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	51	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**160**		ug/m³	63	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**130**		ug/m³	130	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	71	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	25	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:			

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 20A0917-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:15 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	61	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**2200000**	B	ug/m³	23000	33194	EPA TO-15	02/04/2020 09:00	02/05/2020 11:42	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	85	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications:			
108-88-3	Toluene	ND		ug/m³	54	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**2200**		ug/m³	57	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	66	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**750000**		ug/m³	1700	12403	EPA TO-15	02/03/2020 09:00	02/04/2020 12:17	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	81	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	51	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	63	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	**Vinyl Chloride**	**17000**		ug/m³	9.2	144.32	EPA TO-15	01/31/2020 09:00	02/01/2020 15:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.0 %*	*70-130*

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 20A0917-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:52 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	20	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	16	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	20	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 20A0917-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:52 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	22	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	16	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	12	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
75-35-4	**1,1-Dichloroethylene**	**6.8**		ug/m³	2.8	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	21	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
95-63-6	**1,2,4-Trimethylbenzene**	**15**		ug/m³	14	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	22	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	17	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	12	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	13	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	20	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	14	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
106-99-0	1,3-Butadiene	ND		ug/m³	19	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	17	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	13	28.66	EPA TO-15 Certifications:	01/31/2020 09:00	01/31/2020 23:59	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	17	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
123-91-1	1,4-Dioxane	ND		ug/m³	21	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
78-93-3	**2-Butanone**	**31**		ug/m³	8.5	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
591-78-6	* 2-Hexanone	ND		ug/m³	23	28.66	EPA TO-15 Certifications:	01/31/2020 09:00	01/31/2020 23:59	AS
107-05-1	3-Chloropropene	ND		ug/m³	45	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	12	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS
67-64-1	**Acetone**	**440**		ug/m³	14	28.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 23:59	AS

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 20A0917-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:52 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/m³	6.2	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	9.2	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	15	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	19	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	30	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	11	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**8.9**		ug/m³	8.9	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	4.5	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	13	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	7.6	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	14	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	5.9	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**930**		ug/m³	2.8	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	13	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	9.9	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	24	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	14	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	21	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**66**		ug/m³	12	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	31	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	Isopropanol	ND		ug/m³	14	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	12	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 20A0917-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Soil Vapor	January 24, 2020 1:52 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	10	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	20	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	12	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**12**		ug/m³	10	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**21**		ug/m³	12	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**36**		ug/m³	25	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**31**		ug/m³	14	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	4.9	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	12	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**34000**		ug/m³	97	143.3	EPA TO-15	02/03/2020 09:00	02/04/2020 05:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	17	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:			
108-88-3	**Toluene**	**13**		ug/m³	11	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**24**		ug/m³	11	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	13	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**2000**		ug/m³	3.9	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	16	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	10	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	13	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	**Vinyl Chloride**	**130**		ug/m³	1.8	28.66	EPA TO-15	01/31/2020 09:00	01/31/2020 23:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*	*70-130*

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 20A0917-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Indoor Ambient Air	January 24, 2020 1:20 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.67	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.53	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.67	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.75	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.53	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.097	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.73	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**2.8**		ug/m³	0.48	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.75	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.68	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.82**		ug/m³	0.48	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.65	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.59	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.71	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**3.2**		ug/m³	0.29	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.80	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:			

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 20A0917-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Indoor Ambient Air	January 24, 2020 1:20 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.1**		ug/m³	0.40	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**1400**		ug/m³	17	36.72	EPA TO-15	01/31/2020 09:00	02/01/2020 05:57	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.21	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.0**		ug/m³	0.31	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.66	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.0	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.38	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.43**		ug/m³	0.15	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.45	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.26	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.53**		ug/m³	0.48	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.20	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.58**		ug/m³	0.097	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.91**		ug/m³	0.34	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.83	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.4**		ug/m³	0.48	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**53**		ug/m³	0.71	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.5**		ug/m³	0.43	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 20A0917-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Indoor Ambient Air	January 24, 2020 1:20 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**52**		ug/m³	0.48	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**130**		ug/m³	0.40	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**34**		ug/m³	0.68	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**1.7**		ug/m³	0.40	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**5.8**		ug/m³	0.35	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**2.0**		ug/m³	0.43	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**4.8**		ug/m³	0.85	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**2.4**		ug/m³	0.48	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:			
100-42-5	**Styrene**	**2.3**		ug/m³	0.42	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**6.1**		ug/m³	0.66	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.58	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:			
108-88-3	**Toluene**	**12**		ug/m³	0.37	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.84**		ug/m³	0.13	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.55	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	**Vinyl Chloride**	**0.10**		ug/m³	0.063	0.979	EPA TO-15	01/31/2020 09:00	01/31/2020 20:44	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 20A0917-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Indoor Ambient Air	January 24, 2020 1:20 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: OA **York Sample ID:** 20A0917-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Outdoor Ambient Air	January 24, 2020 2:00 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.49	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.39	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.49	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.54**		ug/m³	0.54	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.39	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.29	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.070	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.53	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**1.5**		ug/m³	0.35	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.55	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.43	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.29	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.33	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.50	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OA

York Sample ID: 20A0917-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Outdoor Ambient Air	January 24, 2020 2:00 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**0.49**		ug/m³	0.35	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	0.47	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.43	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.33	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.43	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	0.51	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.21	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	0.58	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.1	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	**4-Methyl-2-pentanone**	**1.2**		ug/m³	0.29	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**33**		ug/m³	0.34	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.15	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**1.0**		ug/m³	0.23	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.37	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.48	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.73	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.28	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.22	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.49**		ug/m³	0.11	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.33	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.19	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.35	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: OA

York Sample ID: 20A0917-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Outdoor Ambient Air	January 24, 2020 2:00 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.15	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
156-59-2	**cis-1,2-Dichloroethylene**	**0.23**		ug/m³	0.070	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.32	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
110-82-7	**Cyclohexane**	**0.49**		ug/m³	0.24	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
124-48-1	Dibromochloromethane	ND		ug/m³	0.60	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
75-71-8	**Dichlorodifluoromethane**	**1.3**		ug/m³	0.35	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
141-78-6	* **Ethyl acetate**	**2.4**		ug/m³	0.51	0.71	EPA TO-15 Certifications:	01/31/2020 09:00	01/31/2020 19:45	AS
100-41-4	**Ethyl Benzene**	**0.77**		ug/m³	0.31	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.76	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
67-63-0	**Isopropanol**	**5.6**		ug/m³	0.35	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
80-62-6	**Methyl Methacrylate**	**19**		ug/m³	0.29	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.26	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
75-09-2	**Methylene chloride**	**41**		ug/m³	0.49	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
142-82-5	**n-Heptane**	**1.6**		ug/m³	0.29	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
110-54-3	**n-Hexane**	**13**		ug/m³	0.25	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
95-47-6	**o-Xylene**	**0.80**		ug/m³	0.31	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
179601-23-1	**p- & m- Xylenes**	**2.5**		ug/m³	0.62	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
622-96-8	* **p-Ethyltoluene**	**1.2**		ug/m³	0.35	0.71	EPA TO-15 Certifications:	01/31/2020 09:00	01/31/2020 19:45	AS
115-07-1	* Propylene	ND		ug/m³	0.12	0.71	EPA TO-15 Certifications:	01/31/2020 09:00	01/31/2020 19:45	AS
100-42-5	**Styrene**	**1.3**		ug/m³	0.30	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
127-18-4	**Tetrachloroethylene**	**3.7**		ug/m³	0.48	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.42	0.71	EPA TO-15 Certifications:	01/31/2020 09:00	01/31/2020 19:45	AS
108-88-3	**Toluene**	**9.6**		ug/m³	0.27	0.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/31/2020 09:00	01/31/2020 19:45	AS

Sample Information

Client Sample ID: OA

York Sample ID: 20A0917-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20A0917	214-256 East Route 59 Nanuet, NY	Outdoor Ambient Air	January 24, 2020 2:00 pm	01/28/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.28	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.32	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.50**		ug/m³	0.095	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.40	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.25	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.31	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.045	0.71	EPA TO-15	01/31/2020 09:00	01/31/2020 19:45	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*70-130*

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record - AIR

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

YORK Project No. 20A0917

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DI Consulting Services Inc.	Company: Same	Company: Same		RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: 214-256 East Route 59 Nanuet, NY	RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) ✓

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

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

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From
- New York ✗
- New Jersey
- Connecticut
- Pennsylvania
- Other

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

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-1	1/24/20 1305	AS	30	6	25311	7421	TO-15
SV-2	1312		26.5	26.5	22081	4306	
SV-3	1315		29	0	4166	5416	
SV-4	1352		29	19	23155	12011	
IA-1	1320	AI	27.5	7	23796	5611	
OA	1400	AO	27	3	16691	7273	

Comments: SV-2 canister malfunction in field.

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ✓
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompsen	1/27/20		1-27-20 1120		1-27-20
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
L. Sch York	1/27/20 1900	J. Hale / YORK	1-27-20 / 1900	1-27-20 1528	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
	1/28/20 7:5AM		1/28/20 745AM	Alene A Schuck	1/28/20 13:10

1.4°C