

PHASE II ENVIRONMENTAL SITE ASSESSMENT

584 Chestnut Ridge Road
Spring Valley, Rockland County, New York

NYSDEC Spill No. 17-08369



December 29, 2017

DT CONSULTING SERVICES, INC.

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Ulster Park, NY 12487
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December 29, 2017

Greater Hudson Bank

Attn: Mr. Jonathan Bender

360 Route 17M

Monroe, New York 10950

RE: PHASE II ENVIRONMENTAL SITE ASSESSMENT

US Polychemical Corporation

584 Chestnut Ridge Road

Spring Valley, Rockland County, New York

NYSDEC Spill No. 17-08369

Mr. Bender:

Attached please find the Phase II Environmental Site Assessment (ESA) as generated for the above referenced Site. Based upon the findings of this investigation, a copy of this report will be forwarded to the Rockland County Department of Health (RCDOH) and the New York State Department of Environmental Conservation (NYSDEC) for their review and comment. The necessity for further action is at the discretion of the RCDOH/NYSDEC.

If you should have any questions or require additional information please feel free to contact me at (845) 658-3484. DT Consulting Services, Inc. (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

Cc: RCDOH/NYSDEC Region III

DT CONSULTING SERVICES, INC.

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Pertaining to:

US Polychemical Corporation
584 Chestnut Ridge Road
Spring Valley, Rockland County, New York

Prepared for:

Mr. Jonathan Bender
Greater Hudson Bank
360 Route 17M
Monroe, New York 10950

Prepared by:

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

Date: December 29, 2017

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1.0 INTRODUCTION/SITE INFORMATION

DT Consulting Services, Inc. (DTCS) has been contracted by Greater Hudson Bank to perform a Phase II Environmental Site Assessment (ESA) on the property known as US Polychemical Corporation (PolyChem), 584 Chestnut Ridge Road, Spring Valley, Town of Ramapo, 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 regularly shaped +/- 7.98-acre property is improved with a single story, concrete block commercial structure that was constructed in 1965 with two additions thereafter. According to documentation reviewed, the structure has a gross floor area of approximately 18,870-ft² that includes office space, a warehouse section and operational areas. The PolyChem facility is also improved with asphalt parking areas, concrete walkways and green space. The building has been occupied by PolyChem since its construction in the mid-1960s. Based upon interviews with Site personnel, operations conducted at the facility have included the mixing of solvents to generate general industrial products and cleaning chemicals along with bowling lane care products. According to municipal records dated from 1977, PolyChem indicated that chemicals utilized on-Site included chlorinated solvents, glycol ethers, aromatic solvents, surface active agents and aliphatic naphthas. At present, PolyChem is concentrating its production on a line of environmentally friendly technology that is specifically designed as a solvent replacement.

The Site is situated within a moderately developed commercial or mixed use area. Surrounding property uses include commercial facilities to the north and south, residential Sites to the east, and a warehouse to the west. The Subject Property is accessed from Chestnut Ridge Road located to the west. Site topography is generally level and at grade with surrounding roadway. At present the Town of Ramapo provides potable water and sanitary sewer service

to the Subject Property and surrounding parcels. Note however, that based on interviews with Site representatives, a production well is present along the northern section of the lot and a historical septic system has been located within the western portion of the Site (see Figure 2 for locations). The production well was never utilized for drinking water, only to service the needs of the manufacturing facility (according to Site representatives). Neither utility has reportedly been utilized in many years.

2.0 SITE BACKGROUND/PREVIOUS ENVIRONMENTAL REPORTING

LCS, Inc. Environmental and Real Estate Consultants (LES) of Buffalo, New York performed a Phase I Environmental Assessment (ESA) on the Subject Property dated September 1, 2017 for Ulster Savings Bank. Based on the findings of LCS's Phase I ESA, the following issues of potential environmental concern and/or recognized environmental conditions (RECs) associated with the Subject Property were identified:

- Potential residual subsurface contamination issues associated with on-Site operations including mixing of solvents to generate general industrial products and cleaning chemicals along with bowling lane care products;
- Historical employment of a floor drains and septic system. The floor drains reportedly discharged to the ground surface prior to being sealed;
- The property was identified as a potential source of odors and poor tasting water in a local waterway in the 1970s; and
- Adjacent properties of potential environmental concern.

3.0 PHASE II ESA FIELD ACTIVITIES

The performance of a Phase II ESA was recommended due to the identified RECs. The purpose of the investigation is to provide information on current subsurface conditions at the facility to determine if impacted materials are present (to the extent possible) due to historic Site use.

To complete a Phase II ESA, DTCS recommended that tasks associated with this effort should include performance of a Geophysical Survey (e.g., ground-penetrating radar) and a follow-up Subsurface Sampling Investigation. DTCS was subsequently retained by Greater Hudson Bank to perform a due diligence survey to supply information on subsurface conditions at the facility prior to the potential purchase of the Subject Property. The investigation was concentrated in locations surrounding the warehouse/operational areas, identified floor drain and septic system(s) so as to quantify subsurface conditions within the area(s) of study. To complete this task, DTCS's Scope of Work included:

- Obtained appropriate work permits from the Rockland County Department of Health (RCDOH) 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 Geophysical Survey utilizing a magnetometer, void detector and ground penetrating radar (GPR) equipment. The purpose of this survey was to collect information on the construction of the concrete slab and closed floor drain system, identify buried anomalies of potential concern (e.g., out-of-service tanks, production wells and septic systems), and 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);

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- Provide quantitative data on targeted volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and heavy metals if detected within subsurface materials at the facility;
- Provide quantitative data on targeted VOCs within soil gas located beneath the slab of the operational/warehouse portion of the Site structure; and
- Prepare a Phase II ESA report summarizing the findings of the field investigation and/or to address any identified subsurface contamination.

The identified six boring (SB-1 - SB-6) and four sub slab soil gas (SG-1 – SG-4) monitoring locations documented for the Site can be reviewed in Figure 2, attached.

3.1 Geophysical Survey/Private Underground Utility Mark-out

On December 4, 2017 DTCS and Underground Survey Corporation (USC) of Washingtonville, New York 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/USC conducted the Geophysical Investigation by scanning accessible portions of the property; concentrating in the areas surrounding the closed floor drains, chemical mixing operations, and suspect septic areas. Upon completing the investigation of known Site artifacts, DTCS/USC cleared the six proposed soil boring and four proposed soil gas sampling locations in preparation of performing the subsurface investigation.

Findings

1. Out of Service Floor Drains

While performing the Phase II ESA, DTCS documented several floor drains throughout the operational and warehouse areas. As noted in previous reports, all of the floor drains had been permanently closed/sealed with concrete; although the closure date is unknown. DTCS/USC were able to trace the floor drain in an easterly direction for a short distance, but due to inventory stored in the work areas a definite discharge location could not be identified.

Geophysical scans performed along the eastern exterior wall of the Site structure revealed the presence of a discharge line originating from the mid-section of the facility, travelling in an easterly direction towards a wooded, undeveloped area (see Figure 2 for location). Additional scans confirmed that the piping traversed into the wooded area, but due to brush and debris additional information regarding this anomaly could not be gathered. A soil boring was cleared along the piping run for Site investigative purposes.

2. Historical Septic System

According to documentation reviewed, the Subject Facility presently employs the municipal sewer system for wastewater disposal, however a septic system was suspected to be utilized on Site. Preceding the Site inspection, DTCS/USC scanned the western parking area to identify the presence of the historic system. With the use of GPR and electro-magnetic/Radio Frequency Pipe/Cable Locators, the lid to the septic system was discovered approximately 1.3 – 1.7' bgs and associated piping at 2.5' bgs. A soil boring location was cleared in the center of the anomaly for Site investigative purposes.

3. Utility Clearance

To obtain quantitative data on subsurface conditions, DTCS and USC scanned and cleared a total of six soil boring locations and four soil gas monitoring points across the Site.

3.2 Soil Sampling Procedures

Prior to initiating the field work, DTCS obtained a 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 December 5, 2017 to perform the subsurface investigation. Employing a Geoprobe trac-mounted drill rig, soil samples were collected from six borehole locations continuously from grade to a maximum depth of eight feet below grade surface or bgs (see Figure 2 for sampling locations). Soil borings were shallow in nature due to the detection of the groundwater table at approximately six feet bgs. Each sample was obtained by advancing a forty-eight inch long, two inch outer diameter, stainless hollow spoon sampler equipped with a disposable acetate liner into undisturbed 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. As most petroleum products contain VOCs, 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 a short pause, yielding stabilized readings with a PID calibrated to 100 parts-per-million (ppm) isobutylene standard. The headspace screening yielded the following positive responses within each soil core on the day of the survey:

<i>Soil Boring</i>	<i>PID Reading (ppm) Soil Core 0-4' bgs</i>	<i>PID Reading (ppm) Soil Core 4-8' bgs</i>
<i>SB-1</i>	20 - 98.7	2.3
<i>SB-2</i>	280 – 1200	1 - 515
<i>SB-3</i>	0.2 – 2	0.0
<i>SB-4</i>	0.0	0.0
<i>SB-5</i>	0.0	0.0
<i>SB-6</i>	280	0 – 29

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 documented at approximately six feet bgs across the Site. To provide data on the local aquifer, two of the six soil borings (namely Soil Boring SB-2 & SB-6) were converted into temporary groundwater monitoring wells. Each temporary well was constructed of five feet of one-inch 0.10-slot well screen and five feet of solid riser casing. Prior to groundwater sampling, fluid levels in the monitoring wells were gauged using a sonic interface probe to

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determine the depth of free phase product (DTP) if any, depth to water (DTW) and depth to bottom (DTB) of each well. These measurements were recorded in a field log along with details of the sampling procedures. A summary of collected monitoring data is as follows:

MW ID	Depth To Product (ft.)	Depth To Water (ft.)	Depth To Bottom (ft.)	Color	Appearance	Odor	Sheen
SB-2 GW	--	4.50	7.50	Grey	Cloudy	Yes	Yes
SB-6 GW	--	4.78	7.50	Grey	Cloudy	Yes	Yes

3.4 Subsurface Sampling and Laboratory Analysis

During investigative procedures, soil samples were collected from approximately one foot above through one foot below the detected groundwater table or from the area of obvious impacts as recorded by field analysis (note that soil collection depths within each borehole are documented in Attachment B). Groundwater samples were also obtained to provide a more comprehensive analysis of subsurface conditions from with Soil Borings SB-2 and SB-6. Said borings were chosen for well conversion due to the obvious soil impacts encountered during this investigation. All subsurface materials submitted for laboratory testing was identified as follows:

York Laboratory Number: 17L0152

Sample No. 001 = Soil Boring SB-1

Sample No. 002 = Soil Boring SB-2

Sample No. 003 = Soil Boring SB-2/GW

Sample No. 004 = Soil Boring SB-3

Sample No. 005 = Soil Boring SB-4

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Sample No. 006 = Soil Boring SB-5

Sample No. 007 = Soil Boring SB-6

Sample No. 008 = Soil Boring SB-6/GW

All soil and groundwater 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 and SVOCs via EPA test methods 8260 and 8270 B/N, respectively. In addition to the above referenced analysis, collected soil samples were also tested for heavy metals via EPA method 3015A/7473. The complete laboratory package may be found in Attachment C for your 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 four soil gas samples were collected during the Phase II ESA field study (see Figure 2 for locations). Soil vapor cores were extended as follows:

Soil Gas Sampling Number	Location/Depth Below Grade (in.)
Soil Gas SG-1	Chemical Storage/15"
Soil Gas SG-2	Chemical Storage/5"
Soil Gas SG-3	Chemical Storage/9"
Soil Gas SG-4	Warehouse/12"

The vapor implants were installed through the concrete slab with the employment of rotary hammer drill equipped with a ½" drill bit. Once the bit pierced through the slab (note that the observed thickness of the concrete slab varied from 5 – 15 inches pending the section of the structure investigated), a temporary soil gas implant equipped with ¼" polyethylene tubing and a disposable soil vapor tip were installed in the bottom of the borehole. A filter pack of No. 2 sand was

poured around the vapor implant, the surface of the borehole backfilled and sealed using hydrated bentonite and modeling clay to prevent surface air infiltration. Following the vapor probe construction, a MiniRae (which registers airflow below 0.2 liters per minute) was attached to the Teflon tubing and a minimum of three sample volumes were purged. Soil vapor sampling was collected for analysis employing a six liter SUMMA canister 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 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 the temporary well point backfilled with cement slurry.

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: 17L0145

Sample No. 001 = Sub slab SS-1

Sample No. 002 = Sub slab SS-2

Sample No. 003 = Sub slab SS-3

Sample No. 004 = Sub slab SS-4

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, groundwater and soil gas quality:

4.1 Subsurface Soil Quality

To provide data on current subsurface conditions, a total of six soil borings were advanced on the 584 Chestnut Ridge Road, Spring Valley, New York property. Upon review of analytical testing, DTCS concludes that most all soil boring locations were returned with detectable concentrations of VOCs, SVOCs and heavy metals. An obvious source of subsurface contamination was encountered within Soil Boring SB-2 as reported VOCs were above both unrestricted and commercial standards. Soil boring SB-6 also displayed VOCs above unrestricted, but below commercial soil cleanup objectives (SCOs). All other soil analysis performed met unrestricted Use SCOs for VOCs, SVOCs and RCRA Metals. 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 Groundwater Quality

Analysis of two temporary site wells installed during this investigation revealed concentrations of laboratory detectable dissolved phase VOCs and SVOCs. When compared to guidance, numerous chlorinated solvents and aromatic hydrocarbons were found to exceed their respective regulatory standard. Attached as Table 2 is a chart of Site monitoring well analytical reporting in comparison to the NYSDEC groundwater quality guidance values as described in Technical & Operations Guidance Series (TOGS) 1.1.1, June 1998.

4.3 Soil Vapor/Gas Quality

The results of soil vapor sampling indicate that thirty-three VOCs are present within the four soil gas samples collected on-Site. A summary table of data for all chemical analytical work is included in Table 3. The major on-Site vapor concentrations range from 4 microgram per cubic meter ($\mu\text{g}/\text{m}^3$) to 740,000 $\mu\text{g}/\text{m}^3$ in soil gas samples SG-1 - SG-4. VOCs including, but not limited to Carbon Tetrachloride, Methylene Chloride, Tetrachloroethylene (PCE) and Trichloroethylene (TCE) reported within each soil gas sample collected on-Site. Volatiles in air collected at each sub-slab vapor point were all found to contain contaminant concentrations above New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, October 2006 for PCE and TCE. In addition, sub-slab soil gas sample SG-2 was also reported to contain elevated levels of Carbon Tetrachloride and Methylene Chloride above NYSDOH soil vapor intrusion guidance.

5.0 CONCLUSIONS

After completing the review of all available Site data, DTCS has documented that the Subject Facility has been utilized for the mixing of solvents to generate general industrial products and cleaning chemicals along with bowling lane care products since the mid-1960s. The use of the Site for such activities has been identified as RECs during Phase I ESA reporting. Solvent mixing operations appear to have caused soil, groundwater as well as sub slab soil gas impacts across the Site. Based upon the Phase II Subsurface Investigation performed, there is evidence of a release of chlorinated solvents and aromatic hydrocarbons, likely from historical operations.

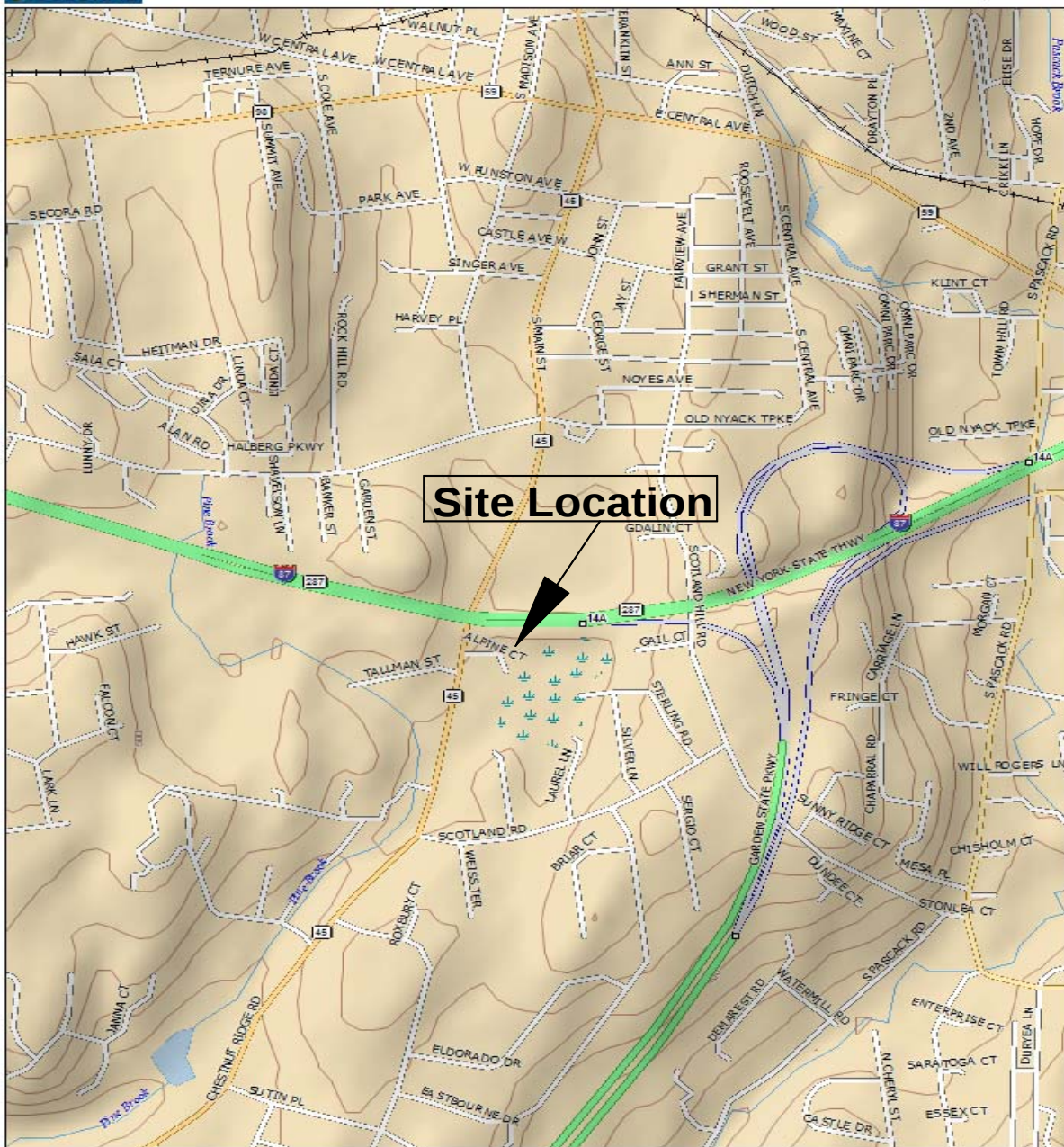
6.0 RECOMMENDATIONS

Due to the elevated VOCs and SVOCs encountered in soil, groundwater and soil gas, DTCS recommends that additional Site investigative activities be performed to define the complete nature and extent of subsurface impacts. Once this Phase II ESA document is reviewed by the RCDOH and NYSDEC an all appropriate work plan should be developed describing field activities proposed to delineate the contamination identified. Once additional data is collected, the need and/or methods of mitigation can be determined.

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.

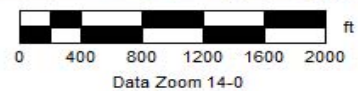
FIGURES



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Data Zoom 14-0

Client: Greater Hudson Bank

Site: 584 Chestnut Ridge Road, Spring Valley, NY

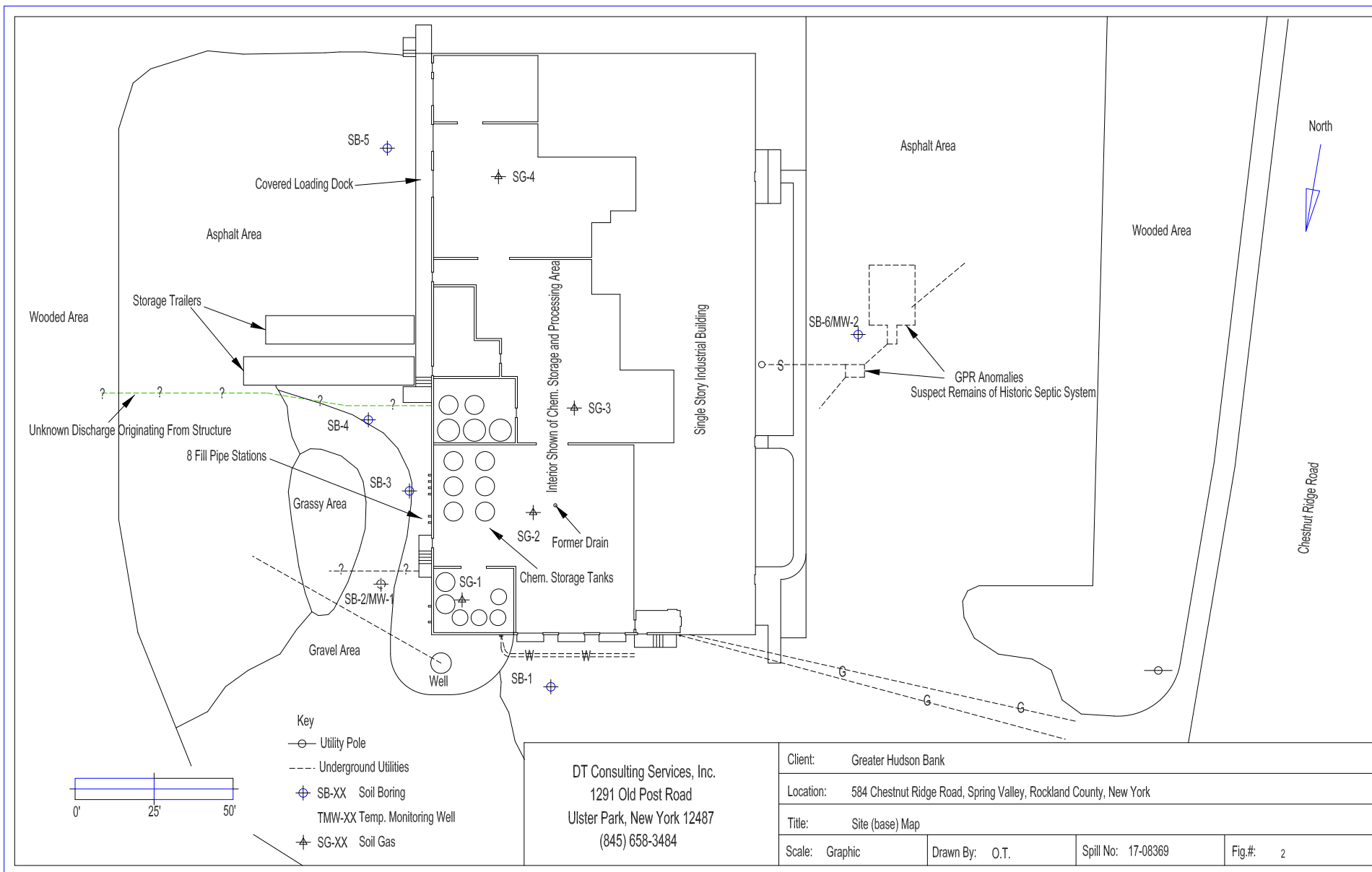
Spill #:
17-08369

Drawn by:
DJT

Scale:
Graphic

Site Location Plan

Figure No: 1



TABLES

Table 1:

Summary of Soil Laboratory Analysis - VOCs, SVOCs & RCRA Metals

Page 1 of 1

Site: PolyChem
584 Chestnut Ridge Road
Spring Valley, Rockland County, New York

Client: Greater Hudson Bank
360 Route 17M
Monroe, New York 10950
Contact Name: Mr. Jonathan Bender

NYSDEC Spill No. 17-08369

Sample Location			SB-1	SB-2	SB-3	SB-4	SB-5	SB-6
Sample Number			1	2	3	4	5	6
Date Collected			12/5/2017	12/5/2017	12/5/2017	12/5/2017	12/5/2017	12/5/2017
Matrix			Soil	Soil	Soil	Soil	Soil	Soil
Analytical Methods			8260/8270	8260/8270	8260/8270	8260/8270	8260/8270	8260/8270
			3050B/7473	3050B/7473	3050B/7473	3050B/7473	3050B/7473	3050B/7473
Compound	Soils Guidance ¹	Soils Guidance ²	Sample Con	Sample Con	Sample Con	Sample Con	Sample Con	Sample Con
VOCs								
1,1,1-Trichloroethane	680	500,000	ND	<u>130,000</u>	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	190,000	ND	<u>100,000</u>	ND	ND	ND	1,400
1,3,5-Trimethylbenzene	8,400	190,000	ND	<u>37,000</u>	ND	ND	ND	500
2-Butanone	NS	NS	ND	ND	ND	24	11	ND
Acetone	50	500,000	ND	ND	44	68	37	ND
Chloroethane	NS	NS	ND	ND	ND	ND	14	ND
cis-1,2-Dichloroethylene	250	500,000	ND	<u>73,000</u>	16	ND	ND	ND
Ethyl Benzene	1,000	390,000	ND	<u>180,000</u>	ND	ND	ND	950
Isopropylbenzene	NS	NS	ND	11,000J	ND	ND	ND	ND
Naphthalene	12,000	500,000	ND	12,000J	ND	ND	ND	ND
n-Butylbenzene	NS	NS	2,400	ND	ND	ND	ND	310
n-Propylbenzene	3,900	500,000	ND	<u>24,000</u>	ND	ND	ND	260
o-Xylene	260	500,000	ND	<u>210,000</u>	ND	ND	ND	<u>570</u>
p- & m- Xylenes	260	500,000	ND	<u>540,000</u>	ND	ND	ND	<u>2700</u>
p-Isopropyltoluene	NS	NS	1,100	ND	ND	ND	ND	ND
Tetrachloroethylene	1,300	150,000	ND	<u>1,400,000</u>	ND	ND	ND	ND
Toluene	700	500,000	ND	<u>68,000</u>	ND	ND	ND	ND
Trichloroethylene	470	200,000	ND	<u>22,000</u>	7	ND	ND	ND
SVOCs								
Anthracene	100,000	500,000	ND	72.4J	ND	ND	ND	ND
Benzo(a)anthracene	1,000	5,600	ND	226	ND	ND	ND	ND
Benzo(a)pyrene	1,000	1,000	ND	203	ND	ND	ND	ND
Benzo(b)fluoranthene	1,000	5,600	ND	189	ND	ND	ND	ND
Benzo(g,h,i)perylene	100,000	500,000	ND	135	ND	ND	ND	ND
Benzo(k)fluoranthene	800	56,000	ND	182	ND	ND	ND	ND
Chrysene	1,000	56,000	ND	245	ND	ND	ND	ND
Dibenzo(a,h)anthracene	330	560	ND	49J	ND	ND	ND	ND
Di-n-butyl phthalate	NS	NS	ND	ND	ND	ND	ND	113
Fluoranthene	100,000	500,000	ND	472	ND	ND	ND	ND
Fluorene	30,000	500,000	ND	56.3J	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	500	5,600	ND	117	ND	ND	ND	ND
Naphthalene	12,000	500,000	ND	171	ND	ND	ND	62.9
Phenanthrene	100,000	500,000	ND	363	ND	ND	ND	ND
Pyrene	100,000	500,000	ND	377	ND	ND	ND	ND
RCRA8								
Arsenic	13	16	ND	1.99	2.23	2.95	1.88	1.37
Barium	350	400	22.3	40.1	52.5	42.7	39.7	39.6
Cadmium	2.5	9.3	ND	ND	ND	ND	ND	ND
Chromium	30	400	6.82	12.2	13.7	11.7	10.7	11.5
Lead	63	1,000	4.64	8.07	9.45	7.73	14.8	6.34
Selenium	3.9	1,500	2.86	3.47	3.06	3.35	1.63	2.5
Silver	2	1,500	ND	ND	ND	ND	ND	ND
Mercury	0.18	2.8	ND	ND	ND	ND	ND	ND

Notes:

- VOC and SVOC soil results are recorded in micrograms-per-kilogram (µg/Kg) or ppb. RCRA8 metal soil results are recorded in milligrams-per-kilogram (mg/kg) or ppm.
- ND = Undetected. NS = No standard.
- Soil Guidance¹ was adopted from the NYSDEC 6 NYCRR Part 375-6.8(a) Unrestricted Use SCOs, December 14, 2006.
- Soil Guidance² was adopted from the NYSDEC 6 NYCRR Part 375-6.8(b) Commercial Use SCOs, December 14, 2006.
- Sample concentrations exceeding Unrestricted SCOs are printed in bold and underlined; those exceeding commercial SCOs are printed in bold, underlined and highlighted.
- Only laboratory reported compounds are presented in this table.

TABLE 2

Groundwater Volatile Organic Compound Analysis vs. NYSDEC Guidance Values

Sampling Performed: December 5, 2017

Page 1 of 2

Site:

PolyChem
584 Chestnut Ridge Road
Spring Valley, Rockland County, New York

Client Name: Greater Hudson Bank

Address: 360 Route 17M

Monroe, New York 10950

Contact Name: Mr. Jonathan Bender

NYSDEC Spill No. 17-08369

Consultant: DT Consulting Services, Inc.

Compound	Guidance Value		SB-2/GW	SB-6/GW	
Units	ug/L		ug/L	ug/L	
1,1,1-Trichloroethane	5		<u>400</u>	<u>53</u>	
1,1-Dichloroethane	5		<u>100</u>	<u>160</u>	
1,1-Dichloroethylene	5		<u>16</u>	<u>18</u>	
1,2,4,5-Tetramethylbenzene	5		14	41	
1,2,4-Trimethylbenzene	5		<u>140</u>	<u>780</u>	
1,2-Dichloroethane	0.6		<u>1.3</u>	0.53	
1,3,5-Trimethylbenzene	5		<u>49</u>	<u>210</u>	
1,4-Dichlorobenzene	5			1.3	
4-Methyl-2-pentanone	NS		16	1	
Acetone	50		<u>120</u>	3.1	
Benzene	1		<u>1.2</u>	0.91	
Carbon Disulfide	NS		0.78	0.20J	
Chlorobenzene	5		0.22J	0.82	
Chloroethane	5		<u>74</u>		
Chloroform	7			2.1	
cis-1,2-Dichloroethylene	5		<u>900</u>	<u>1800</u>	
Ethyl Benzene	5		<u>400</u>	<u>1900</u>	
Isopropylbenzene	5		<u>19</u>	<u>65</u>	
Methylene chloride	5		<u>9.6</u>		
Naphthalene	10		<u>21</u>	<u>87</u>	
n-Butylbenzene	5		<u>8.8</u>	<u>16</u>	
n-Propylbenzene	5		<u>29</u>	<u>110</u>	
o-Xylene	5		<u>560</u>	<u>1600</u>	
p-&m- Xylenes	5		<u>1300</u>	<u>4300</u>	
p-Diethylbenzene	NS		20	45	
p-Ethyltoluene	NS		49	210	
p-Isopropyltoluene			5.2	14	
sec-Butylbenzene	5		<u>6</u>	<u>14</u>	
tert-Butylbenzene	5		0.98	3.4	
Tetrachloroethene	5		<u>1900</u>	<u>13</u>	
Toluene	5		<u>230</u>	<u>130</u>	
trans-1,2-Dichloroethylene	5		<u>26</u>	<u>110</u>	
Trichloroethylene	5		<u>110</u>	<u>60</u>	
Vinyl Chloride	2		<u>18</u>	<u>650</u>	

Notes:

1. All measurements recorded in micrograms per liter (ug/L) or parts per billion (ppb).
2. Samples analyzed in accordance with EPA Test Method 8260.
3. ND = Undetected (Detection limits may vary). NS = Not specified.
4. J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration.
5. The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.
6. Those compounds with laboratory detectable concentrations are shown on this Table.

TABLE 2**Groundwater Semi-Volatile Organic Compound Analysis vs. NYSDEC Guidance Values****Sampling Performed:** December 5, 2017**Page 2 of 2****Site:**

PolyChem
 584 Chestnut Ridge Road
 Spring Valley, Rockland County, New York

Client Name: Greater Hudson Bank**Address:** 360 Route 17M

Monroe, New York 10950

Contact Name: Mr. Jonathan Bender**NYSDEC Spill No. 17-08369****Consultant:** DT Consulting Services, Inc.

Compound	Guidance Value		SB-2/GW	SB-6/GW	
Units	(ug/L)		ug/L	ug/L	
2,4-Dimethylphenol	50		3.20J	5.11	
2-Methylnaphthalene	4.7		ND	3.28J	
Acenaphthlene	20		0.545	0.18	
Acenaphthylene	NS		ND	ND	
Anthracene	50		0.194	0.6	
Benzo(a)anthracene	0.002		<u>0.0727</u>	ND	
Chrysene	0.002		<u>0.0727</u>	ND	
Di-n-butyl phthalate	NS		ND	3.96J	
Fluoranthene	50		0.63	0.50J	
Fluorene	50		0.824	0.24	
Naphthalene	10		8.5	<u>137</u>	
Phenanthrene	50		1.75	0.3	
Pyrene	50		0.327	ND	

Notes:

1. All measurements recorded in micrograms per liter (ug/L) or parts per billion (ppb).
2. Samples analyzed in accordance with EPA Test Method 8270 B/N.
3. ND = Undetected (Detection limits may vary). NS = Not specified.
4. J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration.
5. The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.
6. Those compounds with laboratory detectable concentrations are shown on this Table.

TABLE 3:

SUMMARY OF TO-15 VOLATILE DETECTIONS IN AIR SUMMARY

Page 1 of 1

Address: PolyChem, 584 Chestnut Ridge Road, Spring Valley, New York
NYSDEC Spill Number: 17-08369

Client Name: Greater Hudson Bank
Address: 360 Route 17M
 Monroe, New York 10950
Contact Name: Mr. Jonathan Bender

Contractor: DT Consulting Services, Inc.
Laboratory: York Analytical Laboratories, Inc.
 Stratford, CT 06615

Sample ID: Location: Depth (ft.): Date: Lab Sample ID: Units:	NYSDOH Vapor Decision Matrices	Sub-slab SS-1 Sub-slab 12/5/2017 17L0145-01 µg/m ³	Sub-slab SS-2 Sub-slab 12/5/2017 17L0145-02 µg/m ³	Sub-slab SS-3 Sub-slab 12/5/2017 17L0145-03 µg/m ³	Subslab SS-4 Sub-slab 12/5/2017 17L0145-04 µg/m ³	
Analysis: EPA Method TO-15 Volatiles in Air						
1,1,1,2-Tetrachloroethane	NS	ND	330	ND	ND	
1,1,1-Trichloroethane	NS	4,100	65,000	150	13	
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	ND	11	ND	ND	
1,1,2-Trichloroethane	NS	ND	91	ND	ND	
1,1-Dichloroethane	NS	9,100	23,000	7.9	ND	
1,1-Dichloroethylene	NS	120	2,600	ND	ND	
1,2,4-Trimethylbenzene	NS	53	ND	12	23	
1,3,5-Trimethylbenzene	NS	21	ND	ND	ND	
2-Butanone	NS	51	19	ND	11	
2-Hexanone	NS	25	ND	ND	ND	
4-Methyl-2-pentanone	NS	18	ND	ND	ND	
Acetone	NS	1,200	130	15	39	
Benzene	NS	10	35	ND	5.1	
Chloroethane	NS	34	140	ND	ND	
Carbon Tetrachloride	6	ND	6	ND	ND	
Chloroform	NS	94	2,000	ND	ND	
Chloromethane	NS	ND	4	ND	ND	
cis-1,2-Dichloroethylene	NS	10,000	42,000	14	ND	
Cyclohexane	NS	12	91	ND	ND	
Ethyl Benzene	NS	24	17	11	15	
Isopropanol	NS	820	48	8.3	ND	
Methylene chloride	100	ND	370	ND	ND	
n-Heptane	NS	9.3	39	ND	ND	
n-Hexane	NS	15	60	ND	ND	
o-Xylene	NS	31	9.5	8.5	15	
p-&m- Xylenes	NS	60	24	24	39.0	
p-Ethyltoluene	NS	46	ND	10	19	
Propylene	NS	100	15	ND	4	
Tetrachloroethylene	100	17,000	740,000	850	6,800	
Toluene	NS	53	130	27	40	
trans-1,2-Dichloroethylene	NS	92	130	ND	ND	
Trichloroethylene	6	13,000	59,000	23	84	
Trichlorofluoromethane	NS	ND	10	ND	ND	
Vinyl Chloride	NS	ND	350	ND	ND	

Notes:

- Soil vapor sample analytical results are compared to the values listed in Matrices A, B, and C of the New York State Department of Health (NYSDOH) Department of Environmental Conservation Guidance for Evaluating Soil Vapor Intrusion in the State of New York. The criteria is the lowest soil vapor concentration at which monitoring to mitigation is recommended.
- ND = Non-detect
- NS = No Matrix Standard has been established for this compound.
- Only compounds with detections are shown on this table.

DT CONSULTING SERVICES, INC.

ATTACHMENTS

DT CONSULTING SERVICES, INC.

ATTACHMENT A

RE-17-042

Permit #:

Actual Drilling Date:

Actual Drilling Time:

RCDOH Notification Confirmation #:

Location of Well

63.06-1-1

Section/Block/Lot:

584 CHESTNUT RIDGE RD

Well Address:

CHESTNUT RIDG RAMAPO

Well Village/City:

Well Town:

US Polychemical Corp.

Subdivision Name:

Lot Number:

Wells Installed:

Drilling Contractor

Core Down Drilling, LLC

RCDOH Registration

RWC-0075

NYSDEC Registration

NYRD 10960

Phone: 845-625-3401

RCDOH Expiration Date

11/30/2018

NYSDEC Expiration Date

3/31/2018

Property Owner

Spring Valley Industrial Park

Name:

584 Chestnut Ridge Rd

Mailing Address:

Chestnut Ridge NY

10977

Bruce Gebhardt

Authorized Representative:

(845) 356-5530

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) 364-2604; give date, time of maintenance; 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.

11/30/2017

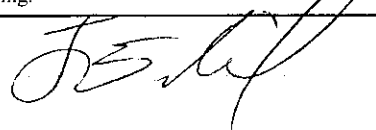
Issuance Date:

5/30/2018

Expiration Date:

Jeremy Erlich

Permit Issuing Official



DT CONSULTING SERVICES, INC.

ATTACHMENT B

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 653-6484

Soil Boring Log
SB-2

Hole No: SB-2

Date Started: 12/5/17

Sheet 1 of 1

Date Finished: 12/5/17

Client: Greater Hudson Bank

Method of investigation: 2" Hollow Stem Samplers

Location: 584 Chestnut Ridge Road, Spring Valley, Rockland County, New York

Spill Number: 17-08369

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

P. Manager:

D. Helper: O. Tanner

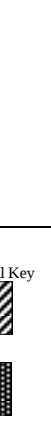
Cloudy

Deborah Thompson

Geologist: Deborah Thompson

Drill Rig: Geoprobe

50° F @ 0800

Depth (ft.)	Sample					Sample Description	Field Analytical Readings	Boring Details		Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)					
4		1				Asphalt/stone.	PID (ppm)			Sampled subsurface soils (4 - 6' bgs, SB-2)
		2				Light brown, mixed fill/sandy loam, damp, solvent odor.	280.0			
		3								
					25"	Light brown, silty clay, damp, film of product surrounding s	1200.0			
8		5				core, solvent odor.	515.0			Groundwater encountered at 6.0' bgs. Temporary well set at 10' bgs. GW sample obtained SB-2/GW
		6				5.5 - 6' bgs Black organics, damp, solvent odor.	284.0			
		7				Grey, sand, saturated at 6' bgs, no odor.	1.0			
					48"					
12		9								
		10								
		11								
16		13								
		14								
		15								
		17								
		18								
		19								
20										

Sample Types:

S=Hollow Spoon: X R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface



Cement



Borehole

Backfill Well Key



Native Fill



Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 653-6484

Soil Boring Log
SB-3

Hole No: SB-3

Date Started: 12/5/17

Sheet 1 of 1

Date Finished: 12/5/17

Client: Greater Hudson Bank

Method of investigation: 2" Hollow Stem Samplers

Location: 584 Chestnut Ridge Road, Spring Valley, Rockland County, New York

Spill Number: 17-08369

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

P. Manager:

D. Helper: O. Tanner

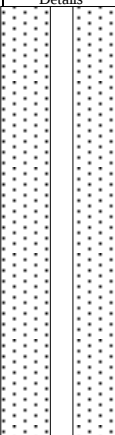
Cloudy

Deborah Thompson

Geologist: Deborah Thompson

Drill Rig: Geoprobe

50° F @ 0800

Depth	Sample					Sample	Field	Boring		Groundwater	
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery		Analytical			and Other	
(ft.)	No.	Depth (ft.)	per 6"	"N"	(in.)	Description	Readings	Details		Observations	
4		1				Stone, mixed fill.	PID (ppm)		Sampled subsurface soils (3 - 5' bgs, SB-3)		
		2				Light brown, mixed fill/sandy loam, damp, slight odor.	2.2				
		3									
					24"	Brown, sand, saturated at 4' bgs, no odor.	0.2				
8		5				5.5 - 6' bgs Black organics, damp, no odor.	0.0				Groundwater encountered at 4' bgs.
		6				Grey, sand, saturated at 6' bgs, no odor.	0.0				
		7									
					38"						
12		9									
		10									
		11									
16		13									
		14									
		15									
		17									
		18									
		19									
20											

Sample Types:

S=Hollow Spoon: X R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface



Cement



Borehole

Backfill Well Key



Native Fill



Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-5484

Soil Boring Log
SB-4

Hole No: SB-4

Date Started: 12/5/17

Sheet 1 of 1

Date Finished: 12/5/17

Client: Greater Hudson Bank

Method of investigation: 2" Hollow Stem Samplers

Location: 584 Chestnut Ridge Road, Spring Valley, Rockland County, New York

Spill Number: 17-08369

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

P. Manager:

D. Helper: O. Tanner

Cloudy

Deborah Thompson

Geologist: Deborah Thompson

Drill Rig: Geoprobe

50° F @ 0800

Depth (ft.)	Sample					Sample Description	Field Analytical Readings	Boring Details		Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)					
4		1				Stone, mixed fill.	PID (ppm) 0.0			Sampled subsurface soils (5 - 7' bgs, SB-4)
		2				Light brown, mixed fill/sandy loam, damp, no odor.				
		3								
					36"					
8		5				5.5 - 6' bgs Black organics, damp, no odor.	0.0			Groundwater encountered at 6' bgs.
		6				Grey, sand, saturated at 6' bgs, no odor.				
		7								
					40"					
12		9								
		10								
		11								
16		13								
		14								
		15								
		17								
		18								
		19								

Sample Types:

S=Hollow Spoon: X R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface



Cement



Borehole

Backfill Well Key



Native Fill



Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-5484

Soil Boring Log
SB-5

Hole No: SB-5

Date Started: 12/5/17

Sheet 1 of 1

Date Finished: 12/5/17

Client: Greater Hudson Bank

Method of investigation: 2" Hollow Stem Samplers

Location: 584 Chestnut Ridge Road, Spring Valley, Rockland County, New York

Spill Number: 17-08369

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

P. Manager:

D. Helper: O. Tanner

Cloudy

Deborah Thompson

Geologist: Deborah Thompson

Drill Rig: Geoprobe

50° F @ 0800

Depth (ft.)	Sample					Sample Description	Field Analytical Readings	Boring Details		Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)					
4		1				Stone, mixed fill.	PID (ppm) 0.0			Sampled subsurface soils (5 - 7' bgs, SB-5)
		2				Light brown, mixed fill/sandy loam, damp, no odor.				
		3								
					28"					
8		5				5.5 - 6' bgs Black organics, damp, no odor.	0.0			Groundwater encountered at 6' bgs.
		6				Grey, sand, saturated at 6' bgs, no odor.				
		7								
					40"					
12		9								
		10								
		11								
16		13								
		14								
		15								
		17								
		18								
		19								

Sample Types:

S=Hollow Spoon: X R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface



Cement



Borehole

Backfill Well Key



Native Fill



Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-5484

Soil Boring Log
SB-6

Hole No: SB-6

Date Started: 12/5/17

Sheet 1 of 1

Date Finished: 12/5/17

Client: Greater Hudson Bank

Method of investigation: 2" Hollow Stem Samplers

Location: 584 Chestnut Ridge Road, Spring Valley, Rockland County, New York

Spill Number: 17-08369

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

P. Manager:

D. Helper: O. Tanner

Cloudy

Deborah Thompson

Geologist: Deborah Thompson

Drill Rig: Geoprobe

50° F @ 0800

Depth	Sample					Sample	Field			Groundwater
			Blows		Recovery		Analytical			Boring
	(ft.)	No.	Depth (ft.)	per 6"	"N"		(in.)	Description	Readings	Details
4		1				Asphalt/stone. Light brown, mixed fill/sandy loam, damp, solvent odor.	PID (ppm) 280.0			Sampled subsurface soils (4 - 6' bgs, SB-6)
		2								
		3								
					12"					
8		5				Same. Saturated soils encountered at 5' bgs.	29.0			Groundwater encountered at 5.0' bgs. Temporary well set at 10' bgs.
		6								
		7								
					26"					
12		9					0.0			GW sample obtained SB-6/GW
		10								
		11								
16		13								
		14								
		15								
20		17								
		18								
		19								

Sample Types:

S=Hollow Spoon: X R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface



Cement



Borehole

Backfill Well Key



Native Fill



Bentonite

DT CONSULTING SERVICES, INC.

ATTACHMENT C

DT CONSULTING SERVICES, INC.

Soil & Groundwater



Technical Report

prepared for:

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

Report Date: 12/14/2017
Client Project ID: 584 Chestnut Ridge Rd Spring Valley, NY
York Project (SDG) No.: 17L0152

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/14/2017
Client Project ID: 584 Chestnut Ridge Rd Spring Valley, NY
York Project (SDG) No.: 17L0152

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 December 06, 2017 and listed below. The project was identified as your project: **584 Chestnut Ridge Rd Spring Valley, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17L0152-01	Soil boring SB-1	Soil	12/05/2017	12/06/2017
17L0152-02	Soil boring SB-2	Soil	12/05/2017	12/06/2017
17L0152-03	Soil boring SB-2/GW	Water	12/05/2017	12/06/2017
17L0152-04	Soil boring SB-3	Soil	12/05/2017	12/06/2017
17L0152-05	Soil boring SB-4	Soil	12/05/2017	12/06/2017
17L0152-06	Soil boring SB-5	Soil	12/05/2017	12/06/2017
17L0152-07	Soil boring SB-6	Soil	12/05/2017	12/06/2017
17L0152-08	Soil boring SB-6/GW	Water	12/05/2017	12/06/2017

General Notes for York Project (SDG) No.: 17L0152

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/14/2017





Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0152

584 Chestnut Ridge Rd Spring Valley, NY

Soil

December 5, 2017 3:00 pm

12/06/2017

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	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 07:52	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 07:52	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR



Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

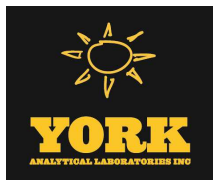
Volatile Organics, 8260 List

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	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	4800	9500	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 07:52	SR
78-93-3	2-Butanone	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
67-64-1	Acetone	ND		ug/kg dry	480	950	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
71-43-2	Benzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
108-86-1	Bromobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-25-2	Bromoform	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
74-83-9	Bromomethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-00-3	Chloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
67-66-3	Chloroform	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
74-87-3	Chloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR



Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-09-2	Methylene chloride	ND		ug/kg dry	480	950	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
91-20-3	Naphthalene	ND		ug/kg dry	240	950	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
104-51-8	n-Butylbenzene	2400		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
95-47-6	o-Xylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	480	950	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
99-87-6	p-Isopropyltoluene	1100		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
100-42-5	Styrene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
108-88-3	Toluene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR



Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
108-05-4	Vinyl acetate	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 07:52	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	710	1400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 07:52	SR
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.9 %			77-125						
2037-26-5	Surrogate: Toluene-d8	109 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	84.4 %			76-130						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR



Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

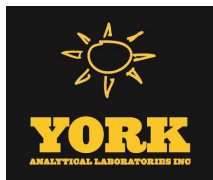
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
62-53-3	Aniline	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
120-12-7	Anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR



Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

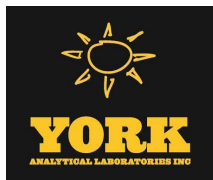
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
218-01-9	Chrysene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
86-73-7	Fluorene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR



Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
78-59-1	Isophorone	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
108-95-2	Phenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
129-00-0	Pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
110-86-1	Pyridine	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 19:44	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	86.0 %	20-108								
4165-62-2	Surrogate: Phenol-d5	92.1 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	99.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	77.3 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	89.8 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	59.3 %	24-116								

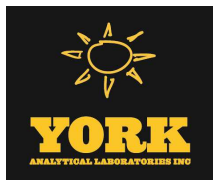
Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:54	BML
7440-39-3	Barium	22.3		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:54	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:54	BML



Sample Information

Client Sample ID: Soil boring SB-1

York Sample ID: 17L0152-01

York Project (SDG) No.
17L0152

Client Project ID
584 Chestnut Ridge Rd Spring Valley, NY

Matrix
Soil

Collection Date/Time
December 5, 2017 3:00 pm

Date Received
12/06/2017

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	6.82		mg/kg dry	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:54	BML
7439-92-1	Lead	4.64		mg/kg dry	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:54	BML
7782-49-2	Selenium	2.86		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:54	BML
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:54	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/13/2017 09:17	12/13/2017 10:12	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.4		%	0.100	1	SM 2540G Certifications: CTDOH	12/07/2017 14:41	12/07/2017 17:35	TJM

Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.
17L0152

Client Project ID
584 Chestnut Ridge Rd Spring Valley, NY

Matrix
Soil

Collection Date/Time
December 5, 2017 3:00 pm

Date Received
12/06/2017

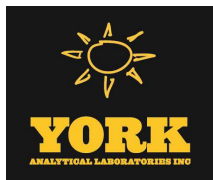
Volatile Organics, 8260 List

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	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
71-55-6	1,1,1-Trichloroethane	130000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:46	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:46	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
95-63-6	1,2,4-Trimethylbenzene	100000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
108-67-8	1,3,5-Trimethylbenzene	37000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	210000	430000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:46	SR
78-93-3	2-Butanone	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
67-64-1	Acetone	ND		ug/kg dry	21000	43000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
71-43-2	Benzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
108-86-1	Bromobenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-25-2	Bromoform	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
74-83-9	Bromomethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-00-3	Chloroethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
67-66-3	Chloroform	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
74-87-3	Chloromethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
156-59-2	cis-1,2-Dichloroethylene	73000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
74-95-3	Dibromomethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
100-41-4	Ethyl Benzene	180000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
98-82-8	Isopropylbenzene	11000	J	ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
75-09-2	Methylene chloride	ND		ug/kg dry	21000	43000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
91-20-3	Naphthalene	12000	J	ug/kg dry	11000	43000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
103-65-1	n-Propylbenzene	24000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
95-47-6	o-Xylene	210000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
179601-23-1	p- & m- Xylenes	540000		ug/kg dry	21000	43000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
100-42-5	Styrene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
127-18-4	Tetrachloroethylene	1400000		ug/kg dry	21000	43000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 10:21	SR
108-88-3	Toluene	68000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
79-01-6	Trichloroethylene	22000		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	11000	21000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:46	SR
1330-20-7	Xylenes, Total	740000		ug/kg dry	32000	64000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:46	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.8 %	77-125								
2037-26-5	Surrogate: Toluene-d8	112 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %	76-130								



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

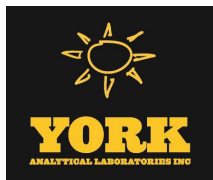
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

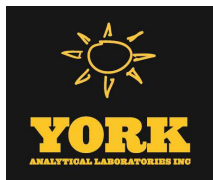
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
83-32-9	Acenaphthene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
120-12-7	Anthracene	72.4	J	ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
56-55-3	Benzo(a)anthracene	226		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
50-32-8	Benzo(a)pyrene	203		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
205-99-2	Benzo(b)fluoranthene	189		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
191-24-2	Benzo(g,h,i)perylene	135		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
207-08-9	Benzo(k)fluoranthene	182		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
218-01-9	Chrysene	245		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	49.0	J	ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
206-44-0	Fluoranthene	472		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
86-73-7	Fluorene	56.3	J	ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	117		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
78-59-1	Isophorone	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
91-20-3	Naphthalene	171		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
85-01-8	Phenanthrene	363		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
108-95-2	Phenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.
17L0152

Client Project ID
584 Chestnut Ridge Rd Spring Valley, NY

Matrix
Soil

Collection Date/Time
December 5, 2017 3:00 pm

Date Received
12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	377		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
110-86-1	Pyridine	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:14	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	79.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	66.7 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	71.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	70.7 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	81.7 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	55.7 %			24-116						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.99		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:59	BML
7440-39-3	Barium	40.1		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:59	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:59	BML
7440-47-3	Chromium	12.2		mg/kg dry	0.561	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:59	BML
7439-92-1	Lead	8.07		mg/kg dry	0.561	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:59	BML
7782-49-2	Selenium	3.47		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:59	BML
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 19:59	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/13/2017 09:17	12/13/2017 12:05	SY



Sample Information

Client Sample ID: Soil boring SB-2

York Sample ID: 17L0152-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0152

584 Chestnut Ridge Rd Spring Valley, NY

Soil

December 5, 2017 3:00 pm

12/06/2017

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/07/2017 14:41	12/07/2017 17:35	TJM

Sample Information

Client Sample ID: Soil boring SB-2/GW

York Sample ID: 17L0152-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0152

584 Chestnut Ridge Rd Spring Valley, NY

Water

December 5, 2017 3:00 pm

12/06/2017

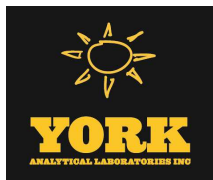
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
71-55-6	1,1,1-Trichloroethane	400		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
75-34-3	1,1-Dichloroethane	100		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
75-35-4	1,1-Dichloroethylene	16		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 12:12	12/13/2017 09:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	14	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
95-63-6	1,2,4-Trimethylbenzene	140		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS



Sample Information

Client Sample ID: Soil boring SB-2/GW

York Sample ID: 17L0152-03

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
107-06-2	1,2-Dichloroethane	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
108-67-8	1,3,5-Trimethylbenzene	49		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
108-10-1	4-Methyl-2-pentanone	16		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
67-64-1	Acetone	120	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
71-43-2	Benzene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS



Sample Information

Client Sample ID: Soil boring SB-2/GW

York Sample ID: 17L0152-03

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	0.78		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
108-90-7	Chlorobenzene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
75-00-3	Chloroethane	74		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
156-59-2	cis-1,2-Dichloroethylene	900		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
100-41-4	Ethyl Benzene	400		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
98-82-8	Isopropylbenzene	19		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
75-09-2	Methylene chloride	9.6		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
91-20-3	Naphthalene	21	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
104-51-8	n-Butylbenzene	8.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
103-65-1	n-Propylbenzene	29		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 09:44	SS
95-47-6	o-Xylene	560		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:07	SS
179601-23-1	p- & m- Xylenes	1300		ug/L	10	20	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:07	SS
105-05-5	* p-Diethylbenzene	20		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS



Sample Information

Client Sample ID: Soil boring SB-2/GW

York Sample ID: 17L0152-03

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	49		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
99-87-6	p-Isopropyltoluene	5.2		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
135-98-8	sec-Butylbenzene	6.0		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
98-06-6	tert-Butylbenzene	0.98		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
127-18-4	Tetrachloroethylene	1900		ug/L	4.0	10	20	EPA 8260C Certifications:	12/13/2017 07:30	12/13/2017 16:07	SS
108-88-3	Toluene	230		ug/L	4.0	10	20	EPA 8260C Certifications:	12/13/2017 07:30	12/13/2017 16:07	SS
156-60-5	trans-1,2-Dichloroethylene	26		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
79-01-6	Trichloroethylene	110		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
75-01-4	Vinyl Chloride	18		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 09:44	SS
1330-20-7	Xylenes, Total	1900		ug/L	12	30	20	EPA 8260C Certifications:	12/13/2017 07:30	12/13/2017 16:07	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.3 %	69-130								
2037-26-5	Surrogate: Toluene-d8	94.3 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %	79-122								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	12/07/2017 08:06	12/07/2017 19:28	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	12/07/2017 08:06	12/07/2017 19:28	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	12/07/2017 08:06	12/07/2017 19:28	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	12/07/2017 08:06	12/07/2017 19:28	KH



Sample Information

Client Sample ID: Soil boring SB-2/GW

York Sample ID: 17L0152-03

York Project (SDG) No.

17L0152

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584 Chestnut Ridge Rd Spring Valley, NY

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Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
105-67-9	2,4-Dimethylphenol	3.20	J	ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
95-57-8	2-Chlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
95-48-7	2-Methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
88-75-5	2-Nitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH



Sample Information

Client Sample ID: Soil boring SB-2/GW

York Sample ID: 17L0152-03

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

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Water

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12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
100-02-7	4-Nitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
83-32-9	Acenaphthene	0.545		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
62-53-3	Aniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
120-12-7	Anthracene	0.194		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
56-55-3	Benzo(a)anthracene	0.0727		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
100-51-6	Benzyl alcohol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
218-01-9	Chrysene	0.0727		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
132-64-9	Dibenzofuran	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH



Sample Information

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17L0152

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584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

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12/06/2017

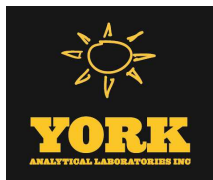
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
206-44-0	Fluoranthene	0.630		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
86-73-7	Fluorene	0.824		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0242	0.0242	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
67-72-1	Hexachloroethane	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
78-59-1	Isophorone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
91-20-3	Naphthalene	8.50		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
98-95-3	Nitrobenzene	ND		ug/L	0.303	0.303	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.303	0.303	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
85-01-8	Phenanthrene	1.75		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
108-95-2	Phenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
129-00-0	Pyrene	0.327		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:04	SR
110-86-1	Pyridine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:28	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	33.4 %	19.7-63.1								
4165-62-2	Surrogate: Phenol-d5	24.5 %	10.1-41.7								



Sample Information

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12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	77.3 %			50.2-113						
321-60-8	Surrogate: 2-Fluorobiphenyl	59.0 %			39.9-105						
118-79-6	Surrogate: 2,4,6-Tribromophenol	100 %			39.3-151						
1718-51-0	Surrogate: Terphenyl-d14	56.8 %			30.7-106						

Sample Information

Client Sample ID: Soil boring SB-3

York Sample ID: 17L0152-04

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

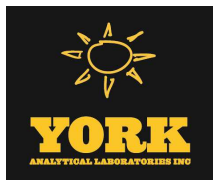
Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:12	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR



Sample Information

Client Sample ID: Soil boring SB-3

York Sample ID: 17L0152-04

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

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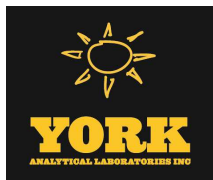
Volatile Organics, 8260 List

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:12	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
67-64-1	Acetone	44		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR



Sample Information

Client Sample ID: Soil boring SB-3

York Sample ID: 17L0152-04

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
156-59-2	cis-1,2-Dichloroethylene	16		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.5	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR



Sample Information

Client Sample ID: Soil boring SB-3

York Sample ID: 17L0152-04

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

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Soil

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December 5, 2017 3:00 pm

Date Received

12/06/2017

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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
79-01-6	Trichloroethylene	7.0		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:12	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:12	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.5 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	76-130								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR



Sample Information

Client Sample ID: Soil boring SB-3

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York Project (SDG) No.

17L0152

Client Project ID

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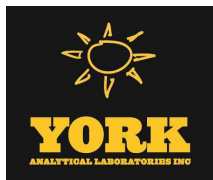
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR



Sample Information

Client Sample ID: Soil boring SB-3

York Sample ID: 17L0152-04

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

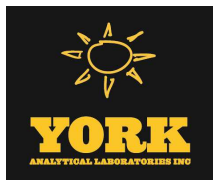
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
83-32-9	Acenaphthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
62-53-3	Aniline	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
120-12-7	Anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
218-01-9	Chrysene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR



Sample Information

Client Sample ID: Soil boring SB-3

York Sample ID: 17L0152-04

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
206-44-0	Fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
86-73-7	Fluorene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
78-59-1	Isophorone	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
85-01-8	Phenanthrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
108-95-2	Phenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
129-00-0	Pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR
110-86-1	Pyridine	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 20:44	SR

Surrogate Recoveries

Result

Acceptance Range

120 RESEARCH DRIVE

www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@yorklab.com



Sample Information

Client Sample ID: Soil boring SB-3

York Sample ID: 17L0152-04

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: 2-Fluorophenol	73.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	79.9 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	63.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	70.4 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	83.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	56.5 %			24-116						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.23		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:04	BML
7440-39-3	Barium	52.5		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:04	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:04	BML
7440-47-3	Chromium	13.7		mg/kg dry	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:04	BML
7439-92-1	Lead	9.45		mg/kg dry	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:04	BML
7782-49-2	Selenium	3.06		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:04	BML
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:04	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/13/2017 09:17	12/13/2017 12:12	SY

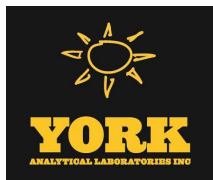
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/07/2017 14:41	12/07/2017 17:35	TJM



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

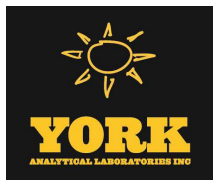
Volatile Organics, 8260 List

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	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:43	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:43	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:43	SR
78-93-3	2-Butanone	24		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
67-64-1	Acetone	68		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 07:43	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 07:43	SR
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %									
2037-26-5	Surrogate: Toluene-d8	117 %									
460-00-4	Surrogate: p-Bromofluorobenzene	112 %									

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.6	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

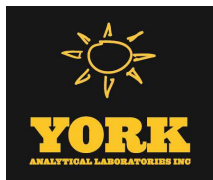
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.6	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.6	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.6	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.6	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.6	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
83-32-9	Acenaphthene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
62-53-3	Aniline	ND		ug/kg dry	187	375	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
120-12-7	Anthracene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

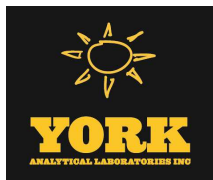
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
218-01-9	Chrysene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
206-44-0	Fluoranthene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
86-73-7	Fluorene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.
17L0152

Client Project ID
584 Chestnut Ridge Rd Spring Valley, NY

Matrix
Soil

Collection Date/Time
December 5, 2017 3:00 pm

Date Received
12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
85-01-8	Phenanthrene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
108-95-2	Phenol	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
129-00-0	Pyrene	ND		ug/kg dry	46.9	93.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
110-86-1	Pyridine	ND		ug/kg dry	187	375	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:14	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	60.6 %			20-108						
4165-62-2	Surrogate: Phenol-d5	64.5 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	58.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	62.7 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	79.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	56.8 %			24-116						

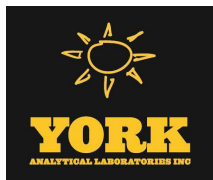
Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.95		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:08	BML
7440-39-3	Barium	42.7		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:08	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:08	BML
7440-47-3	Chromium	11.7		mg/kg dry	0.561	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:08	BML



Sample Information

Client Sample ID: Soil boring SB-4

York Sample ID: 17L0152-05

York Project (SDG) No.
17L0152

Client Project ID
584 Chestnut Ridge Rd Spring Valley, NY

Matrix
Soil

Collection Date/Time
December 5, 2017 3:00 pm

Date Received
12/06/2017

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	7.73		mg/kg dry	0.561	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:08	BML
7782-49-2	Selenium	3.35		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:08	BML
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:08	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/13/2017 09:17	12/13/2017 12:20	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/07/2017 14:41	12/07/2017 17:35	TJM

Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.
17L0152

Client Project ID
584 Chestnut Ridge Rd Spring Valley, NY

Matrix
Soil

Collection Date/Time
December 5, 2017 3:00 pm

Date Received
12/06/2017

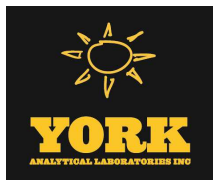
Volatile Organics, 8260 List

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	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:15	SR



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:15	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:15	SR
78-93-3	2-Butanone	11		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

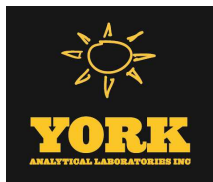
Volatile Organics, 8260 List

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	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
67-64-1	Acetone	37		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-00-3	Chloroethane	14		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 13:40	12/13/2017 08:15	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 13:40	12/13/2017 08:15	SR
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %				77-125					
2037-26-5	Surrogate: Toluene-d8	121 %	S-08			85-120					
460-00-4	Surrogate: p-Bromofluorobenzene	113 %				76-130					



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

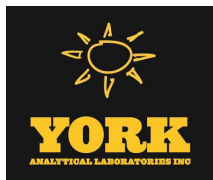
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

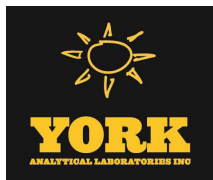
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
83-32-9	Acenaphthene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
62-53-3	Aniline	ND		ug/kg dry	196	392	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
120-12-7	Anthracene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

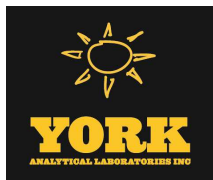
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
206-44-0	Fluoranthene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
86-73-7	Fluorene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
78-59-1	Isophorone	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
108-95-2	Phenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
129-00-0	Pyrene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
110-86-1	Pyridine	ND		ug/kg dry	196	392	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 21:46	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	91.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	97.5 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	83.3 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	81.2 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	95.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	61.8 %			24-116						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.88		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:13	BML
7440-39-3	Barium	39.7		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:13	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.352	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:13	BML
7440-47-3	Chromium	10.7		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:13	BML
7439-92-1	Lead	14.8		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:13	BML
7782-49-2	Selenium	1.63		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:13	BML
7440-22-4	Silver	ND		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:13	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0352	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/13/2017 09:17	12/13/2017 12:29	SY



Sample Information

Client Sample ID: Soil boring SB-5

York Sample ID: 17L0152-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0152

584 Chestnut Ridge Rd Spring Valley, NY

Soil

December 5, 2017 3:00 pm

12/06/2017

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	85.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/07/2017 14:41	12/07/2017 17:35	TJM

Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0152

584 Chestnut Ridge Rd Spring Valley, NY

Soil

December 5, 2017 3:00 pm

12/06/2017

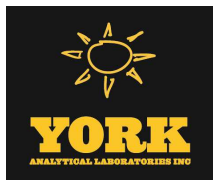
Volatile Organics, 8260 List

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	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 10:27	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 10:27	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
95-63-6	1,2,4-Trimethylbenzene	1400		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR



Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

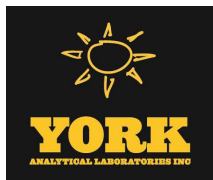
Volatile Organics, 8260 List

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
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
108-67-8	1,3,5-Trimethylbenzene	500		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	4200	8300	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 10:27	SR
78-93-3	2-Butanone	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
67-64-1	Acetone	ND		ug/kg dry	420	830	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
71-43-2	Benzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
108-86-1	Bromobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-25-2	Bromoform	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
74-83-9	Bromomethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR



Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

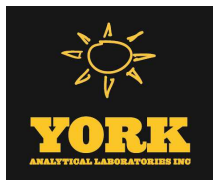
Volatile Organics, 8260 List

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
108-90-7	Chlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-00-3	Chloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
67-66-3	Chloroform	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
74-87-3	Chloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
74-95-3	Dibromomethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
100-41-4	Ethyl Benzene	950		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-09-2	Methylene chloride	ND		ug/kg dry	420	830	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
91-20-3	Naphthalene	ND		ug/kg dry	210	830	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
104-51-8	n-Butylbenzene	310	J	ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
103-65-1	n-Propylbenzene	260	J	ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
95-47-6	o-Xylene	570		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
179601-23-1	p- & m- Xylenes	2700		ug/kg dry	420	830	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
100-42-5	Styrene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR



Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
108-88-3	Toluene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
108-05-4	Vinyl acetate	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/11/2017 13:24	12/12/2017 10:27	SR
1330-20-7	Xylenes, Total	3300		ug/kg dry	630	1300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/11/2017 13:24	12/12/2017 10:27	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.6 %	77-125								
2037-26-5	Surrogate: Toluene-d8	108 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	90.3 %	76-130								

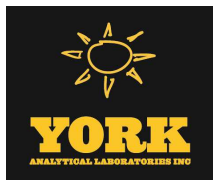
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR



Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

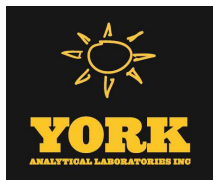
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR



Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

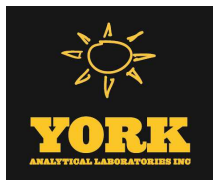
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
62-53-3	Aniline	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
120-12-7	Anthracene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
218-01-9	Chrysene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
84-74-2	Di-n-butyl phthalate	113		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR



Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

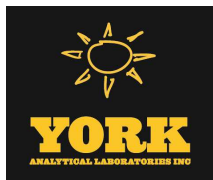
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
206-44-0	Fluoranthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
86-73-7	Fluorene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
91-20-3	Naphthalene	62.9	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
85-01-8	Phenanthrene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
108-95-2	Phenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
129-00-0	Pyrene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
110-86-1	Pyridine	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2017 07:10	12/12/2017 22:17	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	78.2 %	20-108								
4165-62-2	Surrogate: Phenol-d5	81.7 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	73.2 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	73.6 %	21-113								



Sample Information

Client Sample ID: Soil boring SB-6

York Sample ID: 17L0152-07

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Soil

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: 2,4,6-Tribromophenol	84.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	55.9 %			24-116						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.37		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:18	BML
7440-39-3	Barium	39.6		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:18	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:18	BML
7440-47-3	Chromium	11.5		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:18	BML
7439-92-1	Lead	6.34		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:18	BML
7782-49-2	Selenium	2.50		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:18	BML
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2017 10:16	12/11/2017 20:18	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/13/2017 09:17	12/13/2017 12:38	SY

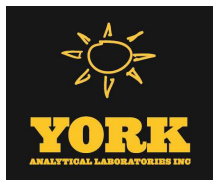
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/07/2017 14:41	12/07/2017 17:35	TJM



Sample Information

Client Sample ID: Soil boring SB-6/GW

York Sample ID: 17L0152-08

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
71-55-6	1,1,1-Trichloroethane	53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-34-3	1,1-Dichloroethane	160		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-35-4	1,1-Dichloroethylene	18		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	12/12/2017 12:12	12/13/2017 10:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	41	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 10:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
95-63-6	1,2,4-Trimethylbenzene	780		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
107-06-2	1,2-Dichloroethane	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
108-67-8	1,3,5-Trimethylbenzene	210		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS



Sample Information

Client Sample ID: Soil boring SB-6/GW

York Sample ID: 17L0152-08

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

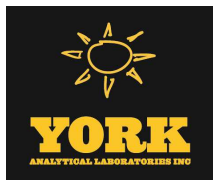
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
108-10-1	4-Methyl-2-pentanone	1.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
67-64-1	Acetone	3.1	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
71-43-2	Benzene	0.91		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-15-0	Carbon disulfide	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
108-90-7	Chlorobenzene	0.72		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
67-66-3	Chloroform	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
156-59-2	cis-1,2-Dichloroethylene	1800		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 07:30	12/14/2017 15:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS



Sample Information

Client Sample ID: Soil boring SB-6/GW

York Sample ID: 17L0152-08

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

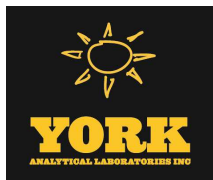
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
100-41-4	Ethyl Benzene	1900		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
98-82-8	Isopropylbenzene	65		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
91-20-3	Naphthalene	87	CCV-E	ug/L	20	40	20	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:39	SS
104-51-8	n-Butylbenzene	16		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
103-65-1	n-Propylbenzene	110		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
95-47-6	o-Xylene	1600		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:39	SS
179601-23-1	p- & m- Xylenes	4300		ug/L	10	20	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	12/13/2017 07:30	12/13/2017 16:39	SS
105-05-5	* p-Diethylbenzene	45		ug/L	0.20	0.50	1	EPA 8260C Certifications:	12/12/2017 12:12	12/13/2017 10:19	SS
622-96-8	* p-Ethyltoluene	210		ug/L	4.0	10	20	EPA 8260C Certifications:	12/13/2017 07:30	12/13/2017 16:39	SS
99-87-6	p-Isopropyltoluene	14		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
135-98-8	sec-Butylbenzene	14		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
98-06-6	tert-Butylbenzene	3.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
127-18-4	Tetrachloroethylene	13		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
108-88-3	Toluene	130		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
156-60-5	trans-1,2-Dichloroethylene	110		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS



Sample Information

Client Sample ID: Soil boring SB-6/GW

York Sample ID: 17L0152-08

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	60		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/12/2017 12:12	12/13/2017 10:19	SS
75-01-4	Vinyl Chloride	650		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	12/14/2017 07:30	12/14/2017 15:25	SS
1330-20-7	Xylenes, Total	5900		ug/L	12	30	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	12/13/2017 07:30	12/13/2017 16:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.7 %	69-130								
2037-26-5	Surrogate: Toluene-d8	95.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	94.9 %	79-122								

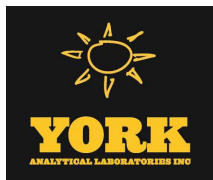
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
105-67-9	2,4-Dimethylphenol	5.11		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH



Sample Information

Client Sample ID: Soil boring SB-6/GW

York Sample ID: 17L0152-08

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	3.28	J	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
83-32-9	Acenaphthene	0.180		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
120-12-7	Anthracene	0.0600		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR



Sample Information

Client Sample ID: Soil boring SB-6/GW

York Sample ID: 17L0152-08

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
84-74-2	Di-n-butyl phthalate	3.96	J	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
206-44-0	Fluoranthene	0.0500	J	ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
86-73-7	Fluorene	0.240		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH



Sample Information

Client Sample ID: Soil boring SB-6/GW

York Sample ID: 17L0152-08

York Project (SDG) No.

17L0152

Client Project ID

584 Chestnut Ridge Rd Spring Valley, NY

Matrix

Water

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	137		ug/L	12.5	25.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:02	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
85-01-8	Phenanthrene	0.300		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/08/2017 14:36	SR
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2017 08:06	12/07/2017 19:58	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	28.9 %	19.7-63.1								
4165-62-2	Surrogate: Phenol-d5	19.6 %	10.1-41.7								
4165-60-0	Surrogate: Nitrobenzene-d5	73.9 %	50.2-113								
321-60-8	Surrogate: 2-Fluorobiphenyl	55.9 %	39.9-105								
118-79-6	Surrogate: 2,4,6-Tribromophenol	94.7 %	39.3-151								
1718-51-0	Surrogate: Terphenyl-d14	43.6 %	30.7-106								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17L0152-01	Soil boring SB-1	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17L0152-02	Soil boring SB-2	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17L0152-03	Soil boring SB-2/GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17L0152-04	Soil boring SB-3	40mL Vial with Stir Bar-Cool 4° C
17L0152-05	Soil boring SB-4	40mL Vial with Stir Bar-Cool 4° C
17L0152-06	Soil boring SB-5	40mL Vial with Stir Bar-Cool 4° C
17L0152-07	Soil boring SB-6	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17L0152-08	Soil boring SB-6/GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
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Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

Page 1 of 1

York Project No. 1720152

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>DT Consulting Services Inc</u>		Company: <u>Same</u>		Company: <u>Same</u>		584 Chestnut Ridge Rd Spring Valley, NY		RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CT RCP DOA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NIDEPR Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐	
Address: _____		Address: _____		Address: _____		Purchase Order No. _____		Samples from: CT ☐ NY ☒ NJ ☐		Simple Excel ☐ NYSDEC EQUS ☐ EQUS (std) ☐ EZ-EDD (EQUS) ☐ NIDEPR SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in): _____	
Phone No. _____		Phone No. _____		Phone No. _____		E-Mail Address: _____		Misc. Org. _____		Full Lists _____	
Attention: _____		Attention: _____		Attention: _____		E-Mail Address: _____		Volatiles _____		Misc. _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Semi-Vols. _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
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E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____		Full Lists _____	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		Metals _____			

Sub-Slab Soil Gas



Technical Report

prepared for:

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

Report Date: 12/14/2017
Client Project ID: 584 Chestnut Ridge Rd., Spring Valley, NY
York Project (SDG) No.: 17L0145

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/14/2017
Client Project ID: 584 Chestnut Ridge Rd., Spring Valley, NY
York Project (SDG) No.: 17L0145

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 December 06, 2017 and listed below. The project was identified as your project: **584 Chestnut Ridge Rd., Spring Valley, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17L0145-01	SG-1	Soil Vapor	12/05/2017	12/06/2017
17L0145-02	SG-2	Soil Vapor	12/05/2017	12/06/2017
17L0145-03	SG-3	Soil Vapor	12/05/2017	12/06/2017
17L0145-04	SG-4	Soil Vapor	12/05/2017	12/06/2017

General Notes for York Project (SDG) No.: 17L0145

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/14/2017





Sample Information

Client Sample ID: SG-1

York Sample ID: 17L0145-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

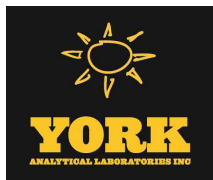
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	9.2	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
71-55-6	1,1,1-Trichloroethane	4100		ug/m ³	58	107	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 10:52	12/13/2017 10:52	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	9.2	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	10	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	7.3	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
75-34-3	1,1-Dichloroethane	9100	IS-LO	ug/m ³	22	53.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 21:49	12/12/2017 21:49	LDS
75-35-4	1,1-Dichloroethylene	120		ug/m ³	1.3	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	9.9	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
95-63-6	1,2,4-Trimethylbenzene	53		ug/m ³	6.6	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	10	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.1	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.4	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.2	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	9.4	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
108-67-8	1,3,5-Trimethylbenzene	21		ug/m ³	6.6	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	8.9	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.1	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.2	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.1	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	9.7	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
78-93-3	2-Butanone	51		ug/m ³	4.0	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS



Sample Information

Client Sample ID: SG-1

York Sample ID: 17L0145-01

York Project (SDG) No.

17L0145

Client Project ID

584 Chestnut Ridge Rd., Spring Valley, NY

Matrix

Soil Vapor

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	25		ug/m ³	11	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	21	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
108-10-1	4-Methyl-2-pentanone	18		ug/m ³	5.5	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
67-64-1	Acetone	1200		ug/m ³	6.4	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	2.9	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
71-43-2	Benzene	10		ug/m ³	4.3	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	6.9	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	9.0	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
75-25-2	Bromoform	ND		ug/m ³	14	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
74-83-9	Bromomethane	ND		ug/m ³	5.2	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	4.2	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.1	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
108-90-7	Chlorobenzene	ND	IS-LO	ug/m ³	6.2	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
75-00-3	Chloroethane	34		ug/m ³	3.5	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
67-66-3	Chloroform	94		ug/m ³	6.5	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
74-87-3	Chloromethane	ND		ug/m ³	2.8	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
156-59-2	cis-1,2-Dichloroethylene	10000	IS-LO	ug/m ³	5.3	53.6	EPA TO-15 Certifications:	12/12/2017 21:49	12/12/2017 21:49	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.1	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
110-82-7	Cyclohexane	12		ug/m ³	4.6	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	11	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	6.6	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	9.7	13.4	EPA TO-15 Certifications:	12/08/2017 12:43	12/08/2017 12:43	LDS



Sample Information

Client Sample ID: SG-1

York Sample ID: 17L0145-01

York Project (SDG) No.

17L0145

Client Project ID

584 Chestnut Ridge Rd., Spring Valley, NY

Matrix

Soil Vapor

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	24	IS-LO	ug/m ³	5.8	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m ³	14	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
67-63-0	Isopropanol	820		ug/m ³	6.6	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	5.5	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	4.8	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
75-09-2	Methylene chloride	ND		ug/m ³	9.3	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
142-82-5	n-Heptane	9.3		ug/m ³	5.5	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
110-54-3	n-Hexane	15		ug/m ³	4.7	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
95-47-6	o-Xylene	31	IS-LO	ug/m ³	5.8	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
179601-23-1	p- & m- Xylenes	60	IS-LO	ug/m ³	12	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
622-96-8	* p-Ethyltoluene	46	IS-LO	ug/m ³	6.6	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
115-07-1	* Propylene	100		ug/m ³	2.3	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
100-42-5	Styrene	ND	IS-LO	ug/m ³	5.7	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
127-18-4	Tetrachloroethylene	17000		ug/m ³	18	107	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 10:52	12/13/2017 10:52	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	7.9	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
108-88-3	Toluene	53		ug/m ³	5.0	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
156-60-5	trans-1,2-Dichloroethylene	92		ug/m ³	5.3	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.1	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
79-01-6	Trichloroethylene	13000	IS-LO	ug/m ³	7.2	53.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 21:49	12/12/2017 21:49	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	7.5	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	4.7	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	5.9	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS



Sample Information

Client Sample ID: SG-1

York Sample ID: 17L0145-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	40		ug/m ³	0.86	13.4	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/08/2017 12:43	12/08/2017 12:43	LDS

Sample Information

Client Sample ID: SG-2

York Sample ID: 17L0145-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	330		ug/m ³	9.4	13.72	EPA TO-15 Certifications:	12/11/2017 15:10	12/11/2017 15:10	LDS
71-55-6	1,1,1-Trichloroethane	65000		ug/m ³	750	1372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 11:15	12/13/2017 17:05	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	9.4	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		ug/m ³	11	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
79-00-5	1,1,2-Trichloroethane	91		ug/m ³	7.5	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-34-3	1,1-Dichloroethane	23000		ug/m ³	110	274	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 11:54	12/13/2017 11:54	LDS
75-35-4	1,1-Dichloroethylene	2600		ug/m ³	1.4	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	10	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	6.7	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.6	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.3	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	9.6	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS



Sample Information

Client Sample ID: SG-2

York Sample ID: 17L0145-02

York Project (SDG) No.

17L0145

Client Project ID

584 Chestnut Ridge Rd., Spring Valley, NY

Matrix

Soil Vapor

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	6.7	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	9.1	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.3	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	9.9	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
78-93-3	2-Butanone	19		ug/m ³	4.0	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	11	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	21	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	5.6	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
67-64-1	Acetone	130		ug/m ³	6.5	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.0	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
71-43-2	Benzene	35		ug/m ³	4.4	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	7.1	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	9.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-25-2	Bromoform	ND		ug/m ³	14	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
74-83-9	Bromomethane	ND		ug/m ³	5.3	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	4.3	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
56-23-5	Carbon tetrachloride	6.0		ug/m ³	2.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
108-90-7	Chlorobenzene	ND	IS-LO	ug/m ³	6.3	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-00-3	Chloroethane	140		ug/m ³	3.6	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
67-66-3	Chloroform	2000		ug/m ³	6.7	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS



Sample Information

Client Sample ID: SG-2

York Sample ID: 17L0145-02

York Project (SDG) No.

17L0145

Client Project ID

584 Chestnut Ridge Rd., Spring Valley, NY

Matrix

Soil Vapor

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	4.2		ug/m ³	2.8	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
156-59-2	cis-1,2-Dichloroethylene	42000		ug/m ³	27	274	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 11:54	12/13/2017 11:54	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
110-82-7	Cyclohexane	91		ug/m ³	4.7	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	12	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	6.8	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	9.9	13.72	EPA TO-15 Certifications:	12/11/2017 15:10	12/11/2017 15:10	LDS
100-41-4	Ethyl Benzene	17	IS-LO	ug/m ³	6.0	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m ³	15	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
67-63-0	Isopropanol	48		ug/m ³	6.7	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	5.6	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	4.9	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-09-2	Methylene chloride	370		ug/m ³	9.5	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
142-82-5	n-Heptane	39		ug/m ³	5.6	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
110-54-3	n-Hexane	60		ug/m ³	4.8	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
95-47-6	o-Xylene	9.5	IS-LO	ug/m ³	6.0	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
179601-23-1	p- & m- Xylenes	24	IS-LO	ug/m ³	12	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
622-96-8	* p-Ethyltoluene	ND	IS-LO	ug/m ³	6.7	13.72	EPA TO-15 Certifications:	12/11/2017 15:10	12/11/2017 15:10	LDS
115-07-1	* Propylene	15		ug/m ³	2.4	13.72	EPA TO-15 Certifications:	12/11/2017 15:10	12/11/2017 15:10	LDS
100-42-5	Styrene	ND	IS-LO	ug/m ³	5.8	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
127-18-4	Tetrachloroethylene	740000		ug/m ³	470	2744	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 11:15	12/14/2017 10:49	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.1	13.72	EPA TO-15 Certifications:	12/11/2017 15:10	12/11/2017 15:10	LDS



Sample Information

Client Sample ID: SG-2

York Sample ID: 17L0145-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	130		ug/m ³	5.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
156-60-5	trans-1,2-Dichloroethylene	130		ug/m ³	5.4	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.2	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
79-01-6	Trichloroethylene	59000		ug/m ³	37	274	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/13/2017 11:54	12/13/2017 11:54	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	10		ug/m ³	7.7	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	4.8	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	6.0	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
75-01-4	Vinyl Chloride	350		ug/m ³	0.88	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 15:10	12/11/2017 15:10	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	17.3 %	S-04				70-130			

Sample Information

Client Sample ID: SG-3

York Sample ID: 17L0145-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	9.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
71-55-6	1,1,1-Trichloroethane	150		ug/m ³	7.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	9.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	7.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-34-3	1,1-Dichloroethane	7.9		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS



Sample Information

Client Sample ID: SG-3

York Sample ID: 17L0145-03

York Project (SDG) No.

17L0145

Client Project ID

584 Chestnut Ridge Rd., Spring Valley, NY

Matrix

Soil Vapor

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

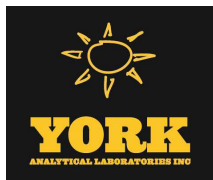
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	10	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
95-63-6	1,2,4-Trimethylbenzene	12		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.5	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	9.8	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	9.3	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.5	14.01	EPA TO-15 Certifications:	12/12/2017 20:48	12/12/2017 20:48	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	10	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
78-93-3	2-Butanone	ND		ug/m ³	4.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	11	14.01	EPA TO-15 Certifications:	12/12/2017 20:48	12/12/2017 20:48	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	22	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
67-64-1	Acetone	15		ug/m ³	6.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.0	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
71-43-2	Benzene	ND		ug/m ³	4.5	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	7.3	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS



Sample Information

Client Sample ID: SG-3

York Sample ID: 17L0145-03

York Project (SDG) No.

17L0145

Client Project ID

584 Chestnut Ridge Rd., Spring Valley, NY

Matrix

Soil Vapor

Collection Date/Time

December 5, 2017 3:00 pm

Date Received

12/06/2017

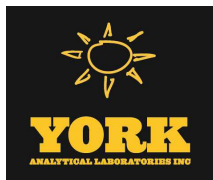
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m ³	9.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-25-2	Bromoform	ND		ug/m ³	14	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
74-83-9	Bromomethane	ND		ug/m ³	5.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	4.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.2	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
108-90-7	Chlorobenzene	ND	IS-LO	ug/m ³	6.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-00-3	Chloroethane	ND		ug/m ³	3.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
67-66-3	Chloroform	ND		ug/m ³	6.8	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
74-87-3	Chloromethane	ND		ug/m ³	2.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
156-59-2	cis-1,2-Dichloroethylene	14		ug/m ³	1.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
110-82-7	Cyclohexane	ND		ug/m ³	4.8	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	12	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	10	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
100-41-4	Ethyl Benzene	11	IS-LO	ug/m ³	6.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m ³	15	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
67-63-0	Isopropanol	8.3		ug/m ³	6.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-09-2	Methylene chloride	ND		ug/m ³	9.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
142-82-5	n-Heptane	ND		ug/m ³	5.7	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS



Sample Information

Client Sample ID: SG-3

York Sample ID: 17L0145-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	n-Hexane	ND		ug/m ³	4.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
95-47-6	o-Xylene	8.5	IS-LO	ug/m ³	6.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
179601-23-1	p- & m- Xylenes	24	IS-LO	ug/m ³	12	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
622-96-8	* p-Ethyltoluene	10	IS-LO	ug/m ³	6.9	14.01	EPA TO-15 Certifications:	12/12/2017 20:48	12/12/2017 20:48	LDS
115-07-1	* Propylene	ND		ug/m ³	2.4	14.01	EPA TO-15 Certifications:	12/12/2017 20:48	12/12/2017 20:48	LDS
100-42-5	Styrene	ND	IS-LO	ug/m ³	6.0	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
127-18-4	Tetrachloroethylene	850		ug/m ³	2.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.3	14.01	EPA TO-15 Certifications:	12/12/2017 20:48	12/12/2017 20:48	LDS
108-88-3	Toluene	27		ug/m ³	5.3	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.6	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.4	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
79-01-6	Trichloroethylene	23		ug/m ³	1.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	7.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	4.9	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	6.1	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.90	14.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 20:48	12/12/2017 20:48	LDS

Sample Information

Client Sample ID: SG-4

York Sample ID: 17L0145-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

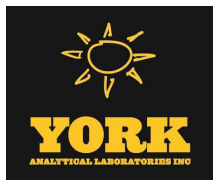
17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017



Sample Information

Client Sample ID: SG-4

York Sample ID: 17L0145-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	9.9	14.46	EPA TO-15 Certifications:	12/11/2017 17:13	12/11/2017 17:13	LDS
71-55-6	1,1,1-Trichloroethane	13		ug/m ³	7.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	9.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	7.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	5.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.4	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
95-63-6	1,2,4-Trimethylbenzene	23		ug/m ³	7.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.7	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.7	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	10	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	9.6	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.7	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.7	14.46	EPA TO-15 Certifications:	12/11/2017 17:13	12/11/2017 17:13	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.7	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	10	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
78-93-3	2-Butanone	11		ug/m ³	4.3	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	12	14.46	EPA TO-15 Certifications:	12/11/2017 17:13	12/11/2017 17:13	LDS



Sample Information

Client Sample ID: SG-4

York Sample ID: 17L0145-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

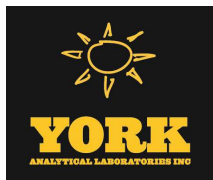
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	23	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	5.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
67-64-1	Acetone	39		ug/m ³	6.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
71-43-2	Benzene	5.1		ug/m ³	4.6	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	7.5	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	9.7	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-25-2	Bromoform	ND		ug/m ³	15	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
74-83-9	Bromomethane	ND		ug/m ³	5.6	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	4.5	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.3	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	6.7	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-00-3	Chloroethane	ND		ug/m ³	3.8	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
67-66-3	Chloroform	ND		ug/m ³	7.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
74-87-3	Chloromethane	ND		ug/m ³	3.0	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.4	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.6	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
110-82-7	Cyclohexane	ND		ug/m ³	5.0	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	12	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.2	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	10	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
100-41-4	Ethyl Benzene	15		ug/m ³	6.3	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS



Sample Information

Client Sample ID: SG-4

York Sample ID: 17L0145-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m ³	15	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
67-63-0	Isopropanol	ND		ug/m ³	7.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	5.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.2	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-09-2	Methylene chloride	ND		ug/m ³	10	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
142-82-5	n-Heptane	ND		ug/m ³	5.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
110-54-3	n-Hexane	ND		ug/m ³	5.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
95-47-6	o-Xylene	15		ug/m ³	6.3	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
179601-23-1	p- & m- Xylenes	39		ug/m ³	13	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
622-96-8	* p-Ethyltoluene	19		ug/m ³	7.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
115-07-1	* Propylene	4.0		ug/m ³	2.5	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
100-42-5	Styrene	ND		ug/m ³	6.2	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
127-18-4	Tetrachloroethylene	6800		ug/m ³	4.9	28.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/12/2017 19:47	12/12/2017 19:47	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.5	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
108-88-3	Toluene	40		ug/m ³	5.4	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.7	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.6	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
79-01-6	Trichloroethylene	84		ug/m ³	1.9	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	5.1	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	6.3	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.92	14.46	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/11/2017 17:13	12/11/2017 17:13	LDS



Sample Information

Client Sample ID: SG-4

York Sample ID: 17L0145-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17L0145

584 Chestnut Ridge Rd., Spring Valley, NY

Soil Vapor

December 5, 2017 3:00 pm

12/06/2017





Sample and Data Qualifiers Relating to This Work Order

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to detected analytes only.

Definitions and Other Explanations

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

