



February 4, 2020

Jay M. Jameson
Executive Vice President, Director of Design & Construction
Silverback Development
40 West 57th Street, 29th Floor
New York, NY 10019

**RE: 580 GERARD AVENUE, BRONX, NY
SOIL TESTING / WASTE CHARACTERIZATION FOR SITE DEVELOPMENT
DPV Project 2019160**

Dear Jay,

Below please find a summary work performed at your request on behalf of Silverback Development at 580 Gerard Avenue, Bronx NY which details our preliminary results and recommendations regarding soil testing, soil contamination and site development.

Introduction

DPV Consultants has been retained by Silverback Development to undertake provide waste classification assessment of soil type materials underlying 610-580 Gerald Street. The soil waste classification assessment was undertaken during December 2019 and preliminary findings are reported within the following letter report. DPV conducted soil assessments and prepared a soil collection scheme using all applicable environmental standards that satisfy regulatory requirements and due diligence in accordance with applicable local, state and federal regulations as directed by Silverback Development.

Report Limitations

This report has been prepared for the sole use of Silverback Development. DPV Consultants accepts no liability for any use of this document other than by the client. All reasonable skill, care and diligence have been applied in examining the information obtained, however DPV Consultants accepts no responsibility for inaccuracies in the data provided by others or for opinions based on any such inaccuracies.

Background

At the beginning of the sampling process DPV was contracted to perform sampling at 580 Gerard Ave only. After careful examination of historical data provided to DPV by Silverback Development (Phase 1 and Phase 2 Environmental Site Assessment performed by GEI Consulting Engineers & Scientists), it became clear that the subject property boundary also included the tax block and lot of 610 Gerard Ave as well. Additionally, the historical data provided in these documents revealed significant soil contamination had been identified at the site including heavy metals, volatile organic compounds, semi-volatile organic

compounds, and other hazardous compounds. As a result, DPV's sampling scheme was designed to comply with NYSDEC CP-51, NYSDEC-DER 10, as well as NYC OER requirements since the site has also been given an "E" Designation by NYC OER. This assessment included sampling and chemical analysis of the soil type materials for Hazardous Waste assessment purposes. New York State Department of Environmental Conservation DER-10, and the recommended guidelines for New York State Department of Environmental Protection Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375) were also followed in accordance with our sample collection scheme.

Site Description

The site consists of 92% urban land till substratum and 8% Minor components with 3-8% slopes. Historical data provided indicates the presence of an underground storage tank which appears to be located within the boundaries of the 610-580 Gerard Ave tax block and lot. This is based on a GPR (ground penetrating radar) survey performed and referenced in the GEI Phase 2 document.

Site History/Historical Data

Phase 1 and Phase 2 Environmental Site Assessments were conducted by GEI on August 8 and 10, 2018. Based on their findings, the site is contaminated with various heavy metals, VOCs, and SVOCs. The site has historically documented use as a Postal Bus Depot for a period of approximately 20 years. According to NYSDEC-DER 10 bus depots are considered "areas of concern" (AOC) and environmental sampling must be conducted in accordance with New York State Department of Environmental Protection Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375). The site has also been labelled as an E-designated parcel (E Number E-292) by New York City Department of Environmental Protection (NYCDEP).

Fieldwork

At the time of this investigation 25 soil sample sets (TAL/TCL + 30 and VOC grab samples) were collected from various soil borings throughout the 610-580 Gerard Ave site. Soil sampling was performed in concert with JMZ Engineering who were performing soil boring and testing to bedrock for structural purposes. Boring was conducted using a DDT borehole drill to a depth of up to 0 ~ 30 Ft from grade level. Soil samples were taken from various depths, 25-point sample composites (TAL/TCL +30) were taken at 13 different excavation pits and were combined based on the sample set (25 in total). Each sample set was distinguished based on random depth interval selection using the NYSDEC-DER 10-standard methodology. Volatile Organic compound (VOCs) grab samples were collected at different depths to assure the validity of the sample results. All samples were packaged and cooled at 4 degrees Celsius and were picked-upon the site by a courier for delivery to York Laboratories. Remnant soils and debris resulting from the boring and testing were placed in a hazardous waste drum for NYCOER review.

Laboratory:

Soil samples were collected and analyzed in accordance with EPA methods defined as "Target compound list plus 30" or "TCL + 30" and TAL or Target Analyte List. TCL + 30 includes analytical methods for the list of organic compounds designated for analysis (Target Compound List or TCL) and up to 30 non-targeted organic compounds (plus 30) as detected by gas chromatography/mass spectroscopy (GC/MS) analysis in accordance with the EPA "Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration" in effect as of the date on which the laboratory performed the analysis. Target Analyte list" or "TAL" means the list of inorganic compounds/elements

designated for analysis in accordance with the aforementioned EPA mandate. VOC random grab samples were collected using VOA 40 ml vials at random locations through the soil boring investigation. All samples were collected using proper laboratory bottle ware, were preserved on ice after collection, and were submitted via courier to York Analytical Laboratories, Inc. located at 120 Research Drive, Stratford, CT, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory. Field blanks were added as a precaution of possible contamination of the backhoe in use.

Conclusions/Recommendations:

A review of laboratory analytical results of soil samples collected and tested for VOCs, SVOCs Metals, PCB, Pesticides and other organic and inorganic compounds, certain parameter levels exceeded recommended guidelines and are summarized in Table 1.0 (attached). are considered above the recommended guidelines for New York State Department of Environmental Conservation Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375). Certain compounds exceeded some of Unrestricted Use Soil Cleanup Objectives guidelines.

As NYCOER governs all environmental E-designated sites within the City of New York, no soil excavation can occur without their explicit approval. DPV recommends scheduling a meeting with NYC OER personnel to review testing performed to date and to begin working towards NYCOER approval for site development. Since NYSDEC requirements have been fulfilled as regards soil testing, interfacing with NYCOER and obtaining NYCOER approval is the next logical step. It is likely that additional testing of soils may be mandated by NYCOER, and as the site has documented soil contamination some soil remediation may be required. Additionally, the tank identified in historical data provided shall require removal in accordance with NYCDEC-DER 10 prior to any major excavation in the vicinity of the tank.

A table summarizing laboratory results of soil testing to date (Table 2) as well as all laboratory analytical results performed to date have been attached for your records and review.

Best regards



Michael McMahon
President

580-610 GERARD AVENUE
SOIL BORING / SAMPLING LOCATIONS

1 BLOCK 2353
182362

205765
245301
280580
301140
LKK4058

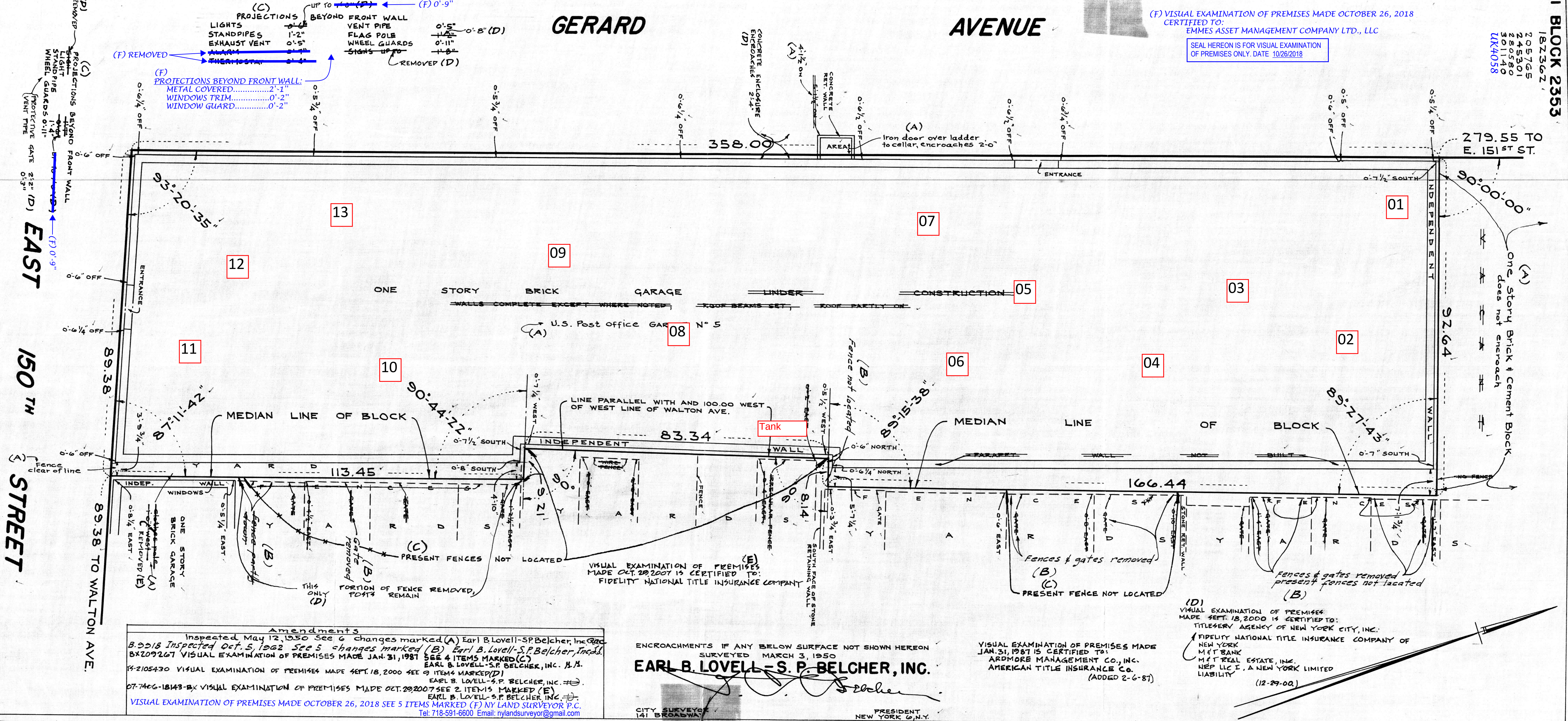
(F) VISUAL EXAMINATION OF PREMISES MADE OCTOBER 26, 2018

CERTIFIED TO:
EMMES ASSET MANAGEMENT COMPANY LTD., LLC

SEAL HEREON IS FOR VISUAL EXAMINATION
OF PREMISES ONLY. DATE 10/26/2018

GERARD

AVENUE



150 TH STREET
EAST
89.38 TO WALTON AVE.

279.55 TO E. 151 ST.
92.64
90:00:00
One story Brick & Cement Block does not encroach
(A)

Amendments
Inspected May 12, 1950 See 6 changes marked (A) Earl B. Lovell-S.P. Belcher, Inc. 89918
Inspected Oct. 5, 1962 See 5 changes marked (B) Earl B. Lovell-S.P. Belcher, Inc. 89918
BX209267 VISUAL EXAMINATION OF PREMISES MADE JAN. 31, 1981 SEE 4 ITEMS MARKED (C)
EARL B. LOVELL-S.P. BELCHER, INC. N.Y.
13-2105430 VISUAL EXAMINATION OF PREMISES MADE SEPT. 18, 2000 SEE 9 ITEMS MARKED (D)
07-7406-18143-BX VISUAL EXAMINATION OF PREMISES MADE OCT. 29, 2007 SEE 2 ITEMS MARKED (E)
EARL B. LOVELL-S.P. BELCHER, INC. N.Y.
VISUAL EXAMINATION OF PREMISES MADE OCTOBER 26, 2018 SEE 5 ITEMS MARKED (F) NY LAND SURVEYOR P.C.
Tel: 718-591-6600 Email: nylandsurveyor@gmail.com

ENCROACHMENTS IF ANY BELOW SURFACE NOT SHOWN HEREON
SURVEYED MARCH 3, 1950
EARL B. LOVELL - S. P. BELCHER, INC.
CITY SURVEYOR
141 BROADWAY
PRESIDENT
NEW YORK 6, N.Y.

VISUAL EXAMINATION OF PREMISES MADE
JAN. 31, 1987 IS CERTIFIED TO:
ARDMORE MANAGEMENT CO., INC.
AMERICAN TITLE INSURANCE CO.
(ADDED 2-6-87)

(D) VISUAL EXAMINATION OF PREMISES
MADE SEPT. 18, 2000 IS CERTIFIED TO:
TITLESERV AGENCY OF NEW YORK CITY, INC.
FIDELITY NATIONAL TITLE INSURANCE COMPANY OF
NEW YORK
MET BANK
MET REAL ESTATE, INC.
NEP LLC I, A NEW YORK LIMITED
LIABILITY
(12-29-00)

TABLE 2

ANALYTICAL SUMMARY

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - SOIL SAMPLES
Environmental Site Soil Assessment
580 Gerard Ave
Bronx, NY 10451

Sample ID:	SB-1 (1)	SB-2 (2)	SB-2 (3)	SB-3 (4)	SB-3 (5)	NYSDEC Soil Cleanup Objectives ¹		
						Unrestricted Use	Restricted Use	
Sample Depth:	2-3 Ft	4-5 Ft	6-7Ft	7-8 Ft	9-10 Ft		Residential- Restricted	Commerical
VOC via EPA Method 8260								
Methylene chloride	ND	16 ug/kg	10 ug/kg	ND	8.5 ug/kg	500 ug/kg	500 ug/kg	500 ug/kg
Acetone	43 ug/kg	8.9 ug/kg	13 ug/kg	14 ug/kg	14 ug/kg	500,000 ug/kg	100,000 ug/kg	500,000 ug/kg
Volatile Organics, Tentatively Identified Cmpds EPA Method 5035A								
SVOCs via EPA Method 8270								
Fluoranthene	ND	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
2-Methylnaphthalene	ND	ND	ND	86.3 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Pyrene	ND	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Acenaphthene	ND	ND	ND	211 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Anthracene	ND	ND	ND	672 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(a)anthracene	ND	ND	ND	913 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Bis(2-ethylhexyl)phthalate	ND	134 ug/kg	128 ug/kg	71.8 ug/kg	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(a)pyrene	ND	ND	ND	753 ug/kg	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(b)fluoranthene	ND	ND	ND	627 ug/kg	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(g,h,i)perylene	ND	ND	ND	439 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(k)fluoranthene	ND	ND	ND	601 ug/kg	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzyl butyl phthalate	ND	ND	50 ug/kg	ND	ND	NS	NS	NS
Carbazole	ND	ND	ND	237 ug/kg	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Chrysene	ND	ND	ND	877 ug/kg	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Fluoranthene	ND	ND	ND	2390 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Fluorene	ND	ND	ND	262 ug/kg	ND	30,000 ug/kg	30,000 ug/kg	30,000 ug/kg
Dibenzo(a,h)anthracene	ND	ND	ND	108 ug/kg	ND	3,300 ug/kg	3,300 ug/kg	3,300 ug/kg
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	12000 ug/kg	12000 ug/kg	12000 ug/kg
Dibenzofuran	ND	ND	ND	195 ug/kg	ND	3,300 ug/kg	3,300 ug/kg	3,300 ug/kg
Naphthalene	ND	ND	ND	110 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Indeno(1,2,3-cd)pyrene	ND	ND	ND	468 ug/kg	ND	NS	NS	NS
Phenanthrene	ND	ND	ND	2490 ug/kg	ND	12000 ug/kg	12000 ug/kg	12000 ug/kg
Pyrene(1)	ND	ND	ND	1850 ug/kg	ND	12000 ug/kg	12000 ug/kg	12000 ug/kg
Polychlorinated Biphenyls (PCB)								
Pesticides, 8081 target list								
4,4'-DDD	ND	ND	ND	5.82 ug/kg	ND	3.3 ug/kg	1,800 ug/kg	8,900 ug/kg
4,4'-DDT	ND	ND	ND	29.3 ug/kg	ND	3.3 ug/kg	1,800 ug/kg	8,900 ug/kg
Metals, Target Analyte								
Aluminum	4060 mg/kg	6300 mg/kg	4500 mg/kg	7010 mg/kg	8150 mg/kg	350 mg/kg	400 mg/kg	400 mg/kg
Arsenic	ND	ND	ND	6.63 mg/kg	2.13 mg/kg	30 mg/kg	180 mg/kg	1,500 mg/kg
Barium	20.4 mg/kg	29.6 mg/kg	38.0 mg/kg	101 mg/kg	48 mg/kg	63 mg/kg	400 mg/kg	1,000 mg/kg
Cadmium	ND	ND	ND	0.467 mg/kg	ND	2.5 mg/kg	4.5 mg/kg	4.5 mg/kg
Calcium	66200 mg/kg	56000 mg/kg	63500 mg/kg	45500 mg/kg	2790 mg/kg	NS	NS	NS
Chromium	17.3 mg/kg	22.0 mg/kg	15.0 mg/kg	21.7 mg/kg	16.3 mg/kg	30 mg/kg	36 mg/kg	180 mg/kg
Cobalt	4.72 mg/kg	5.91 mg/kg	8.66 mg/kg	7.82 mg/kg	6.20 mg/kg	30 mg/kg	NS	NS
Copper	30.1 mg/kg	21.6 mg/kg	19.4 mg/kg	114 mg/kg	8.40 mg/kg	50 mg/kg	270 mg/kg	270 mg/kg

Sample ID:	SB-1 (1)	SB-2 (2)	SB-2 (3)	SB-3 (4)	SB-3 (5)	NYSDEC Soil Cleanup Objectives ¹		
						Unrestricted Use	Restricted Use	
Sample Depth:	2-3 Ft	4-5 Ft	6-7Ft	7-8 Ft	9-10 Ft		Residential- Restricted	Commerical
Iron	10400 mg/kg	12900 mg/kg	9570 mg/kg	16300 mg/kg	13,500 mg/kg	2,000 mg/kg	NS	NS
Lead	4.61 mg/kg	5.14 mg/kg	4.56 mg/kg	232 mg/kg	6.69 mg/kg	63 mg/kg	400 mg/kg	400 mg/kg
Magnesium	41,100 mg/kg	35200 mg/kg	40300 mg/kg	25400 mg/kg	3340 mg/kg	NS	NS	NS
Manganese	169 mg/kg	228 mg/kg	510 mg/kg	319 mg/kg	317 mg/kg	1,600 mg/kg	2,000 mg/kg	2,000 mg/kg
Nickel	9.56 mg/kg	17.0 mg/kg	11.7 mg/kg	20 mg/kg	15 mg/kg	30 mg/kg	130 mg/kg	130 mg/kg
Selenium	ND	ND	3.10 mg/kg	5.70 mg/kg	ND	3.9 mg/kg	4 mg/kg	4 mg/kg
Potassium	920 mg/kg	987 mg/kg	931 mg/kg	1340 mg/kg	2130 mg/kg	NS	NS	NS
Sodium	477 mg/kg	396 mg/kg	290 mg/kg	183 mg/kg	97.2 mg/kg	NS	NS	NS
Vanadium	17 mg/kg	17.7 mg/kg	15.6 mg/kg	27.8 mg/kg	17.5 mg/kg	100 mg/kg	NS	NS
Zinc	29.0 mg/kg	88.7 mg/kg	47.4 mg/kg	166 mg/kg	28.2 mg/kg	109 mg/kg	2480 mg/kg	2,480 mg/kg
Mercury	ND	ND	ND	0.0978 mg/kg	ND	0.18 mg/kg	0.73 mg/kg	0.73 mg/kg

NS= Not specified

All results are in mg/kg(PPM) and ug/kg(PPB)

ND = None Detected

¹=16 NYCRR PART 375

Notes:

All results are in mg/kg(PPM) and ug/kg(PPB)

ND = None Detected

NS= Not specified

¹=16 NYCRR PART 375 Environmental Remediation ProgramsSubparts 375-1 to 375- 4 & 375-6 (December 14, 2006)

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - SOIL SAMPLES
Environmental Site Soil Assessment
580 Gerard Ave
Bronx, NY 10451

						NYSDEC Soil Cleanup Objectives ¹		
Sample ID:	SB-3 (6)	SB-4 (7)	SB-4 (8)	SB-5 (9)	SB-5 (10)	Unrestricted Use	Restricted Use	
Sample Depth:	11-12 Ft	13-14 Ft	15-16Ft	2-3 Ft	9-10 Ft		Residential- Restricted	Commerical
VOC via EPA Method 8260								
Methylene chloride	ND	ND	11 ug/kg	15 ug/kg	10 ug/kg	500 ug/kg	500 ug/kg	500 ug/kg
Acetone	9.4 ug/kg	15.0 ug/kg	12 ug/kg	5.3 ug/kg	7.3 ug/kg	500,000 ug/kg	100,000 ug/kg	500,000 ug/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	5000 ug/kg	5000 ug/kg	5000 ug/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	84000 ug/kg	84000 ug/kg	84000 ug/kg
Chloroform	ND	ND	ND	ND	ND	3,700 ug/kg	3,700 ug/kg	3,700 ug/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	NS
Volatile Organics, Tentatively Identified Cmpds EPA Method 5035A								
SVOCs via EPA Method 8270								
Acenaphthene	ND	ND	279 ug/kg	ND	152 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Anthracene	ND	ND	1120 ug/kg	ND	263 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(a)anthracene	61.7 ug/kg	ND	2270 ug/kg	ND	1830 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Bis(2-ethylhexyl)phthalate	ND	ND	134 ug/kg	ND	157 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(a)pyrene	49.8 ug/kg	ND	2070 ug/kg	ND	1880 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(b)fluoranthene	ND	ND	1650 ug/kg	ND	1470 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(g,h,i)perylene	ND	ND	1300 ug/kg	ND	1160 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(k)fluoranthene	ND	ND	1640 ug/kg	ND	1460 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzyl butyl phthalate	ND	ND	ND	ND	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Carbazole	ND	ND	314 ug/kg	ND	151 ug/kg	NS	NS	NS
Chrysene	52.8 ug/kg	ND	2280 ug/kg	ND	1960 ug/kg	30,000 ug/kg	30,000 ug/kg	30,000 ug/kg
Fluoranthene	132 ug/kg	ND	5010 ug/kg	ND	3330 ug/kg	30,000 ug/kg	30,000 ug/kg	30,000 ug/kg
Fluorene	ND	ND	361 ug/kg	ND	144 ug/kg	3,300 ug/kg	3,300 ug/kg	3,300 ug/kg
Dibenzo(a,h)anthracene	ND	ND	459 ug/kg	ND	459 ug/kg	12000 ug/kg	12000 ug/kg	12000 ug/kg
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	500 ug/kg	500 ug/kg	500 ug/kg
Dibenzofuran	ND	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Naphthalene	ND	ND	ND	ND	ND	12000 ug/kg	12000 ug/kg	12000 ug/kg
Indeno(1,2,3-cd)pyrene	ND	ND	1320 ug/kg	ND	1190 ug/kg	500 ug/kg	500 ug/kg	500 ug/kg
Phenanthrene	144 ug/kg	ND	4140 ug/kg	ND	1840 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Pyrene	98.1 ug/kg	ND	4610 ug/kg	ND	3030 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Polychlorinated Biphenyls (PCB)								
Aroclor 1260	0.0184 mg/kg	0.0215 mg/kg	ND	ND	ND	NS	NS	NS
Pesticides, 8081 target list								
Metals, Target Analyte								
Aluminum	8340 mg/kg	10,600 mg/kg	9240 mg/kg	7040 mg/kg	8150 mg/kg	350 mg/kg	400 mg/kg	400 mg/kg
Arsenic	1.73 mg/kg	2.09 mg/kg	7.99 mg/kg	ND	ND	30 mg/kg	180 mg/kg	1,500 mg/kg
Barium	54.2 mg/kg	64.1 mg/kg	97.3 mg/kg	30.9 mg/kg	162 mg/kg	63 mg/kg	400 mg/kg	1,000 mg/kg
Cadmium	ND	ND	0.614 mg/kg	ND	0.510 mg/kg	2.5 mg/kg	4.5 mg/kg	4.5 mg/kg
Calcium	1170 mg/kg	1260 mg/kg	22,400 mg/kg	5070 mg/kg	19700 mg/kg	NS	NS	NS
Chromium	17.1 mg/kg	15.0 mg/kg	21.3 mg/kg	12.3 mg/kg	33.6 mg/kg	30 mg/kg	36 mg/kg	180 mg/kg
Cobalt	6.65 mg/kg	5.91 mg/kg	8.5 mg/kg	5.28 mg/kg	10.1 mg/kg	30 mg/kg	NS	NS

Sample ID:	SB-3 (6)	SB-4 (7)	SB-4 (8)	SB-5 (9)	SB-5 (10)	NYSDEC Soil Cleanup Objectives ¹		
						Unrestricted Use	Restricted Use	
Sample Depth:	11-12 Ft	13-14 Ft	15-16Ft	2-3 Ft	9-10 Ft		Residential- Restricted	Commerical
Copper	9.10 mg/kg	6.02 mg/kg	70.4 mg/kg	11.5 mg/kg	279 mg/kg	50 mg/kg	270 mg/kg	270 mg/kg
Iron	13700 mg/kg	12400 mg/kg	1670 mg/kg	11900 mg/kg	19,200 mg/kg	2,000 mg/kg	NS	NS
Lead	8.44 mg/kg	165 mg/kg	268 mg/kg	12.4 mg/kg	242 mg/kg	63 mg/kg	400 mg/kg	400 mg/kg
Magnesium	3210 mg/kg	3110 mg/kg	11500 mg/kg	3190 mg/kg	4970 mg/kg	NS	NS	NS
Manganese	332 mg/kg	270 mg/kg	385 mg/kg	342 mg/kg	302 mg/kg	1,600 mg/kg	2,000 mg/kg	2,000 mg/kg
Nickel	15.4 mg/kg	16.0 mg/kg	20.6 mg/kg	12.4 mg/kg	25.9 mg/kg	30 mg/kg	130 mg/kg	130 mg/kg
Selenium	ND	ND	ND	5.70 mg/kg	ND	3.9 mg/kg	4 mg/kg	4 mg/kg
Potassium	1910 mg/kg	946 mg/kg	1770 mg/kg	1110 mg/kg	1660 mg/kg	NS	NS	NS
Sodium	101 mg/kg	327 mg/kg	290 mg/kg	222 mg/kg	415 mg/kg	NS	NS	NS
Vanadium	18.8 mg/kg	28.7 mg/kg	15.6 mg/kg	14.7 mg/kg	31.6 mg/kg	100 mg/kg	NS	NS
Zinc	33.6 mg/kg	252 mg/kg	47.4 mg/kg	31.3 mg/kg	329 mg/kg	109 mg/kg	2480 mg/kg	2,480 mg/kg
Mercury	ND	ND	0.249 mg/kg	ND	0.498 mg/kg	0.18 mg/kg	0.73 mg/kg	0.73 mg/kg

Notes:

All results are in mg/kg(PPM) and ug/kg(PPB)

ND = None Detected

NS= Not specified

1=16 NYCRR PART 375 Env ironmental Remediation ProgramsSubparts 375 - 1 to 375 - 4 & 375 - 6 (December 14, 2006)

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - SOIL SAMPLES
Environmental Site Soil Assessment
580 Gerard Ave
Bronx, NY 10451

						NYSDEC Soil Cleanup Objectives ¹		
Sample ID:	SB-6 (11)	SB-6 (12)	SB-7 (13)	SB-7 (14)	SB-8 (15)	Unrestricted Use	Restricted Use	
Sample Depth:	6-7 Ft	7-8 Ft	9-10Ft	10-11 Ft	11-12 Ft		Residential- Restricted	Commerical
VOC via EPA Method 8260								
Methylene chloride	8.5 ug/kg	11.8 ug/kg	9.4 ug/kg	10 ug/kg	ND	500 ug/kg	500 ug/kg	500 ug/kg
Acetone	9.3 ug/kg	11 ug/kg	9.7 ug/kg	14 ug/kg	16	500 ug/kg	500 ug/kg	500 ug/kg
Bromomethane	ND	ND	ND	ND	ND	NS	NS	NS
SVOCs via EPA Method 8270								
Fluoranthene	65.8 ug/kg	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Pyrene	51.2 ug/kg	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Polychlorinated Biphenyls (PCB)								
Pesticides, 8081 target list								
Metals, Target Analyte								
Aluminum	6330 mg/kg	5960 mg/kg	9340 mg/kg	5080 mg/kg	8590 mg/kg	350 mg/kg	400 mg/kg	400 mg/kg
Arsenic	1.82 mg/kg	1.93 mg/kg	ND	ND mg/kg	ND mg/kg	30 mg/kg	180 mg/kg	1,500 mg/kg
Barium	42.1 mg/kg	43.2 mg/kg	37.6	127 mg/kg	90.8 mg/kg	63 mg/kg	400 mg/kg	1,000 mg/kg
Cadmium	ND	ND	ND	ND	0.379 mg/kg	2.5 mg/kg	4.5 mg/kg	4.5 mg/kg
Calcium	40700 mg/kg	1440 mg/kg	49000 mg/kg	15,000 mg/kg	51,500 mg/kg	NS	NS	NS
Chromium	32.5 mg/kg	11.7 mg/kg	14.7 mg/kg	10.7 mg/kg	27.6 mg/kg	30 mg/kg	36 mg/kg	180 mg/kg
Cobalt	42.1 mg/kg	5.37 mg/kg	6.19 mg/kg	4.04 mg/kg	8.87 mg/kg	30 mg/kg	NS	NS
Copper	28.2 mg/kg	19.1 mg/kg	11.9 mg/kg	1190 mg/kg	19 mg/kg	50 mg/kg	270 mg/kg	270 mg/kg
Iron	11900 mg/kg	10900 mg/kg	11,100 mg/kg	8620 mg/kg	15,000 mg/kg	2,000 mg/kg	NS	NS
Lead	111 mg/kg	5.13 mg/kg	1.49 mg/kg	44.8 mg/kg	0.607 mg/kg	63 mg/kg	400 mg/kg	400 mg/kg
Magnesium	25500 mg/kg	2590 mg/kg	11,800 mg/kg	2630 mg/kg	34,600 mg/kg	NS	NS	NS
Manganese	169 mg/kg	256 mg/kg	267 mg/kg	124 mg/kg	249 mg/kg	1,600 mg/kg	2,000 mg/kg	2,000 mg/kg
Nickel	11.0 mg/kg	10.7 mg/kg	12.8 mg/kg	8.81 mg/kg	18 mg/kg	30 mg/kg	130 mg/kg	130 mg/kg
Potassium	1460 mg/kg	1320 mg/kg	1360 mg/kg	1420 mg/kg	4460 mg/kg	NS	NS	NS
Sodium	323 mg/kg	133 mg/kg	344 mg/kg	166 mg/kg	247 mg/kg	NS	NS	NS
Vanadium	27.7 mg/kg	17.3 mg/kg	18.2 mg/kg	12.3 mg/kg	33.9 mg/kg	100 mg/kg	NS	NS
Zinc	78.4 mg/kg	24.9 mg/kg	26.1 mg/kg	97.3 mg/kg	64.7 mg/kg	109 mg/kg	2480 mg/kg	2,480 mg/kg
Mercury	ND	ND	ND	0.0899 mg/kg	.314 mg/kg	0.18 mg/kg	0.73 mg/kg	0.73 mg/kg

Notes:

All results are in mg/kg(PPM) and ug/kg(PPB)

ND = None Detected

NS= Not specified

¹=16 NYCRR PART 375 Environmental Remediation ProgramsSubparts 375-1 to 375- 4 & 375-6 (December 14, 2006)

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - SOIL SAMPLES
Environmental Site Soil Assessment
580 Gerard Ave
Bronx, NY 10451

Sample ID:	SB-8 (16)	SB-9 (17)	SB-9 (18)	SB-10 (19)	SB-10 (20)	NYSDEC Soil Cleanup Objectives ¹		
						Unrestricted Use	Restricted Use	
Sample Depth:	13-14 Ft	15-16 Ft	2-3Ft	4-5 Ft	6-7 Ft		Residential- Restricted	Commerical
VOC via EPA Method 8260								
Methylene chloride	8.5 ug/kg	11.8 ug/kg	5.7 ug/kg	22 ug/kg	24 ug/kg	500 ug/kg	500 ug/kg	500 ug/kg
Acetone	13.0 ug/kg	11 ug/kg	21 ug/kg	29 ug/kg	23 ug/kg	500 ug/kg	500 ug/kg	500 ug/kg
sec-Butylbenzene	4.8 ug/kg	ND	ND	ND	ND	5000 ug/kg	5000 ug/kg	5000 ug/kg
1,3,5-Trimethylbenzene	9.9 ug/kg	ND	ND	ND	ND	84000 ug/kg	84000 ug/kg	84000 ug/kg
Chloroform	ND	3.8 ug/kg	ND	ND	ND	3,700 ug/kg	3,700 ug/kg	3,700 ug/kg
1,2,4-Trimethylbenzene	7.2 ug/kg	ND	ND	ND	ND	NS	NS	NS
Volatile Organics, Tentatively Identified Cmpds EPA Method 5035A								
1h-indene ISOMERS	34 ug/kg	ND	ND	ND	ND	NS	NS	NS
dimethyl benzene isomers	37 ug/kg	ND	ND	ND	ND	NS	NS	NS
dimethyl Undecane isomer	11 ug/kg	ND	ND	ND	ND	NS	NS	NS
dimethyl Benzene isomer	ND	ND	7.6 ug/kg	ND	ND	NS	NS	NS
Methyl Hexane isomer	ND	ND	7.0 ug/kg	ND	ND	NS	NS	NS
methyl Benzene isomer	16 ug/kg	ND	ND	ND	ND	NS	NS	NS
methylpropyl benzene isomers	48 ug/kg	ND	ND	ND	ND	NS	NS	NS
cyclohexanone isomer	ND	7 ug/kg	ND	ND	ND	NS	NS	NS
dimethyl naphthalene isomers	ND	15 ug/kg	ND	ND	ND	NS	NS	NS
Tetramethyl Benzene isomer	26 ug/kg	ND	ND	ND	ND	NS	NS	NS
SVOCs via EPA Method 8270								
Fluoranthene	65.8 ug/kg	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Pyrene	51.2 ug/kg	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Anthracene	73.1 ug/kg	ND	ND	ND	55.3 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(a)anthracene	233 ug/kg	ND	ND	80.1 ug/kg	133 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(a)pyrene	236 ug/kg	ND	ND	81.7 ug/kg	125 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(b)fluoranthene	202 ug/kg	ND	ND	66.7 ug/kg	100 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(g,h,i)perylene	150 ug/kg	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(k)fluoranthene	196 ug/kg	ND	ND	63.4 ug/kg	105 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Chrysene	226 ug/kg	ND	ND	82.6 ug/kg	159 ug/kg	NS	NS	NS
Fluoranthene	521 ug/kg	ND	ND	173 ug/kg	388 ug/kg	30,000 ug/kg	30,000 ug/kg	30,000 ug/kg
Dibenzo(a,h)anthracene	46.1 ug/kg	ND	ND	ND	ND	3,300 ug/kg	3,300 ug/kg	3,300 ug/kg
Benzo(g,h,i)perylene	ND	ND	ND	ND	68.3 ug/kg	12000 ug/kg	12000 ug/kg	12000 ug/kg
Indeno(1,2,3-cd)pyrene	160 ug/kg	ND	ND	57.5 ug/kg	73.2 ug/kg	500 ug/kg	500 ug/kg	500 ug/kg
Phenanthrene	290 ug/kg	ND	ND	125 ug/kg	382 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Pyrene(1)	417 ug/kg	ND	ND	155 ug/kg	316 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Polychlorinated Biphenyls (PCB)								
Aroclor 1260	0.0215 mg/kg	ND	ND	ND	ND	NS	NS	NS
Pesticides, 8081 target list								
4,4'-DDD	ND	ND	ND	5.82 ug/kg	ND	3.3 ug/kg	1,800 ug/kg	8,900 ug/kg
4,4'-DDT	ND	ND	ND	29.3 ug/kg	ND	3.3 ug/kg	1,800 ug/kg	8,900 ug/kg
Metals, Target Analyte								
Aluminum	8950 mg/kg	9600 mg/kg	9900 mg/kg	8350 mg/kg	15100 mg/kg	350 mg/kg	400 mg/kg	400 mg/kg

Sample ID:	SB-8 (16)	SB-9 (17)	SB-9 (18)	SB-10 (19)	SB-10 (20)	NYSDEC Soil Cleanup Objectives ¹		
						Unrestricted Use	Restricted Use	
Sample Depth:	13-14 Ft	15-16 Ft	2-3Ft	4-5 Ft	6-7 Ft		Residential- Restricted	Commerical
Arsenic	3.43 mg/kg	ND	2.65 mg/kg	3.15 mg/kg	5.10 mg/kg	30 mg/kg	180 mg/kg	1,500 mg/kg
Barium	70.1 mg/kg	82.5 mg/kg	55.0 mg/kg	133 mg/kg	308 mg/kg	63 mg/kg	400 mg/kg	1,000 mg/kg
Cadmium					0.431 mg/kg	2.5 mg/kg	4.5 mg/kg	4.5 mg/kg
Calcium	5170 mg/kg	6750 mg/kg	1160 mg/kg	8030 mg/kg	7480 mg/kg	NS	NS	NS
Chromium	16.3 mg/kg	23.4 mg/kg	15.8 mg/kg	16.0 mg/kg	28.5 mg/kg	30 mg/kg	36 mg/kg	180 mg/kg
Cobalt	6.62 mg/kg	6.18 mg/kg	5.65 mg/kg	6.84 mg/kg	11.3 mg/kg	30 mg/kg	NS	NS
Copper	27.2 mg/kg	10.8 mg/kg	9.21 mg/kg	25.8 mg/kg	91.9 mg/kg	50 mg/kg	270 mg/kg	270 mg/kg
Iron	12300 mg/kg	12600 mg/kg	11,900 mg/kg	12800 mg/kg	20,800 mg/kg	2,000 mg/kg	NS	NS
Lead	67.9 mg/kg	5.27 mg/kg	7.13 mg/kg	85.8 mg/kg	67 mg/kg	63 mg/kg	400 mg/kg	400 mg/kg
Magnesium	3450 mg/kg	5060 mg/kg	2650 mg/kg	4120 mg/kg	9530 mg/kg	NS	NS	NS
Manganese	264 mg/kg	225 mg/kg	282 mg/kg	239 mg/kg	519 mg/kg	1,600 mg/kg	2,000 mg/kg	2,000 mg/kg
Nickel	15.0 mg/kg	15.7 mg/kg	12.7 mg/kg	16.1 mg/kg	22 mg/kg	30 mg/kg	130 mg/kg	130 mg/kg
Potassium	1490 mg/kg	2620 mg/kg	1330 mg/kg	2100 mg/kg	4760 mg/kg	NS	NS	NS
Sodium	180 mg/kg	170 mg/kg	156 mg/kg	183 mg/kg	302 mg/kg	NS	NS	NS
Vanadium	20.2 mg/kg	21.8 mg/kg	18.1 mg/kg	20.3 mg/kg	35.6 mg/kg	100 mg/kg	NS	NS
Zinc	76.8 mg/kg	35.5 mg/kg	28.7 mg/kg	73.2 mg/kg	98.8 mg/kg	109 mg/kg	2480 mg/kg	2,480 mg/kg
Mercury	0.424 mg/kg	ND	0.0466 mg/kg	0.266 mg/kg	0.0516 mg/kg	0.18 mg/kg	0.73 mg/kg	0.73 mg/kg

Notes:

All results are in mg/kg(PPM) and ug/kg(PPB)

ND = None Detected

NS= Not specified

¹=16 NYCRR PART 375 Environmental Remediation ProgramsSubparts 375-1 to 375- 4 & 375-6 (December 14, 2006)

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - SOIL SAMPLES
Environmental Site Soil Assessment
580 Gerard Ave
Bronx, NY 10451

Sample ID:	SB-11 (21)	SB-11 (22)	SB-12 (23)	SB-12 (24)	SB-13 (25)	NYSDEC Soil Cleanup Objectives ¹		
						Unrestricted Use	Restricted Use	
Sample Depth:	8-9 Ft	10-11 Ft	12-13Ft	14-15 Ft	3-4 Ft		Residential- Restricted	Commerical
VOC via EPA Method 8260								
Methylene chloride	ND	ND	9 ug/kg	ND	8.5 ug/kg	500 ug/kg	500 ug/kg	500 ug/kg
Acetone	35 ug/kg	60 ug/kg	86 ug/kg	31 ug/kg	25 ug/kg	5000 ug/kg	5,000 ug/kg	5000 ug/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	5000 ug/kg	5000 ug/kg	5000 ug/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8400 ug/kg	8400 ug/kg	8400 ug/kg
Chloroform	ND	ND	ND	ND	3.5 ug/kg	3,700 ug/kg	3,700 ug/kg	3,700 ug/kg
1,2,4-Trimethylbenzene	ND	ND	ND	8.1 ug/kg	ND	NS	NS	NS
Volatile Organics, Tentatively Identified Cmpds EPA Method 5035A								
1h-indene ISOMERS	ND	ND	ND	ND	ND	NS	NS	NS
dimethyl benzene isomers	ND	ND	ND	ND	ND	NS	NS	NS
dimethyl Undecane isomer	ND	ND	ND	ND	ND	NS	NS	NS
methylethyl benzene isomer	ND	ND	ND	ND	8.1 ug/kg	NS	NS	NS
dimethyl Benzene isomer	ND	ND	ND	ND	ND	NS	NS	NS
Methyl Hexane isomer	ND	ND	ND	ND	ND	NS	NS	NS
methyl Benzene isomer	ND	ND	ND	ND	ND	NS	NS	NS
methylpropyl benzene isomers	ND	ND	ND	ND	22 ug/kg	NS	NS	NS
cyclohexanone isomer	ND	ND	ND	ND	ND	NS	NS	NS
dimethyl naphthalene isomers	ND	ND	ND	ND	ND	NS	NS	NS
Tetramethyl Benzene isomer	ND	ND	ND	ND	15 ug/kg	NS	NS	NS
butyltoluene isomer	ND	ND	ND	ND	10 ug/kg	NS	NS	NS
SVOCs via EPA Method 8270								
Fluoranthene	ND	ND	ND	ND	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
1,1-Biphenyl	ND	ND	336 ug/kg	ND	ND	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
2-Methylnaphthalene	ND	ND	1200 ug/kg	86.3 ug/kg	ND	NS	NS	NS
Pyrene	ND	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Acenaphthylene	ND	46.8 ug/kg	3440 ug/kg	81.3 ug/kg	81.3 ug/kg	20000 ug/kg	20000 ug/kg	20000 ug/kg
Acenaphthene	ND	60.2 ug/kg	195 ug/kg	51.4 ug/kg	51.4 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Anthracene	ND	185 ug/kg	10,300 ug/kg	263 ug/kg	263 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(a)anthracene	90.2 ug/kg	422 ug/kg	14,800 ug/kg	965 ug/kg	965 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Bis(2-ethylhexyl)phthalate	71.8 ug/kg	134 ug/kg	110 ug/kg	ND	ND	50000 ug/kg	50000 ug/kg	50000 ug/kg
Benzo(a)pyrene	78.8 ug/kg	381 ug/kg	12,100 ug/kg	941 ug/kg	941 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(b)fluoranthene	71.5 ug/kg	311 ug/kg	9,650 ug/kg	105 ug/kg	105 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzo(g,h,i)perylene	55.2 ug/kg	381 ug/kg	5830 ug/kg	523 ug/kg	523 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Benzo(k)fluoranthene	59.3 ug/kg	281 ug/kg	9460 ug/kg	694 ug/kg	694 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Benzyl butyl phthalate	ND	ND	ND	ND	ND	NS	NS	NS
Carbazole	ND	50.2 ug/kg	2940 ug/kg	85.2 ug/kg	85.2 ug/kg	NS	NS	NS
Chrysene	89.3 ug/kg	389 ug/kg	12,800 ug/kg	876 ug/kg	876 ug/kg	1,000 ug/kg	1,000 ug/kg	1,000 ug/kg
Fluoranthene	204 ug/kg	1030 ug/kg	38300 ug/kg	2050 ug/kg	2050 ug/kg	100000 ug/kg	100000 ug/kg	100000 ug/kg
Dimethyl phthalate	136 ug/kg	126 ug/kg	119 ug/kg	92.8 ug/kg	92.8 ug/kg	NS	NS	NS
Fluorene	ND	69.8 ug/kg	4040 ug/kg	76.0 ug/kg	76.0 ug/kg	30,000 ug/kg	30,000 ug/kg	30,000 ug/kg
Dibenzo(a,h)anthracene	ND	78.8 ug/kg	2690 ug/kg	200 ug/kg	200 ug/kg	3,300 ug/kg	3,300 ug/kg	3,300 ug/kg
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg

						NYSDEC Soil Cleanup Objectives ¹		
Sample ID:	SB-11 (21)	SB-11 (22)	SB-12 (23)	SB-12 (24)	SB-13 (25)	Unrestricted Use	Restricted Use	
Sample Depth:	8-9 Ft	10-11 Ft	12-13Ft	14-15 Ft	3-4 Ft		Residential- Restricted	Commerical
Dibenzofuran	ND	56.5 ug/kg	3360 ug/kg	ND	ND	NS	NS	NS
Naphthalene	ND	ND	1710 ug/kg	ND	ND	12000 ug/kg	12000 ug/kg	12000 ug/kg
Indeno(1,2,3-cd)pyrene		186 ug/kg	5910 ug/kg	524 ug/kg	ND	500 ug/kg	500 ug/kg	500 ug/kg
Phenanthrene	146 ug/kg	783 ug/kg	38300 ug/kg	1160 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Pyrene(1)	166 ug/kg	892 ug/kg	26700 ug/kg	2020 ug/kg	ND	100000 ug/kg	100000 ug/kg	100000 ug/kg
Polychlorinated Biphenyls (PCB)								
Aroclor 1260	ND	ND	ND	ND	ND	NS	NS	NS
Pesticides, 8081 target list								
4,4'-DDE	ND	ND	ND	ND	29.3 ug/kg	3.3 ug/kg	1,800 ug/kg	8,900 ug/kg
4,4'-DDT	ND	ND	ND	ND	39.1 ug/kg	3.3 ug/kg	1,800 ug/kg	8,900 ug/kg
Metals, Target Analyte								
Aluminum	21100 mg/kg	9460 mg/kg	7090 mg/kg	7440 mg/kg	9820 mg/kg	NS	NS	NS
Antimony	ND	ND	ND	6.54 mg/kg	ND	NS	NS	NS
Arsenic	2.56 mg/kg	2.64 mg/kg	11.8 mg/kg	3.28 mg/kg	12.0 mg/kg	13 mg/kg	16 mg/kg	16 mg/kg
Barium	125 mg/kg	87.9 mg/kg	171 mg/kg	62.4 mg/kg	284 mg/kg	350 mg/kg	350 mg/kg	400 mg/kg
Cadmium	0.504 mg/kg	ND	0.839 mg/kg	ND	1.06 mg/kg	2.5 mg/kg	4.5 mg/kg	4.5 mg/kg
Calcium	24300 mg/kg	44,900 mg/kg	51,400 mg/kg	1930 mg/kg	12900 mg/kg	NS	NS	NS
Chromium	16.7 mg/kg	32.4 mg/kg	23.8 mg/kg	15.5 mg/kg	27.9 mg/kg	30 mg/kg	36 mg/kg	180 mg/kg
Cobalt	22.1 mg/kg	9.57 mg/kg	8.39 mg/kg	6.40 mg/kg	12.2 mg/kg	30 mg/kg	NS	NS
Copper	14.3 mg/kg	18.2 mg/kg	198 mg/kg	32.3 mg/kg	359 mg/kg	50 mg/kg	270 mg/kg	270 mg/kg
Iron	26,500 mg/kg	17,900 mg/kg	16,700 mg/kg	17400 mg/kg	17,400 mg/kg	2,000 mg/kg	NS	NS
Lead	37.4 mg/kg	24.3 mg/kg	521 mg/kg	663 mg/kg	492 mg/kg	63 mg/kg	400 mg/kg	400 mg/kg
Magnesium	16,000 mg/kg	28,800 mg/kg	3850 mg/kg	2970 mg/kg	4350 mg/kg	NS	NS	NS
Manganese	370 mg/kg	302 mg/kg	209 mg/kg	355 mg/kg	334 mg/kg	1,600 mg/kg	2,000 mg/kg	2,000 mg/kg
Nickel	25.7 mg/kg	24.4 mg/kg	24 mg/kg	14.9 mg/kg	31.3 mg/kg	30 mg/kg	130 mg/kg	130 mg/kg
Selenium						3.9 mg/kg	4 mg/kg	4 mg/kg
Potassium	3830 mg/kg	3250 mg/kg	1070 mg/kg	1600 mg/kg	1380 mg/kg	NS	NS	NS
Sodium	1390 mg/kg	251 mg/kg	412 mg/kg	170 mg/kg	399 mg/kg	NS	NS	NS
Vanadium	71.1 mg/kg	34.6 mg/kg	28.2 mg/kg	17.8 mg/kg	30.2 mg/kg	100 mg/kg	NS	NS
Zinc	74.8 mg/kg	74.3 mg/kg	352 mg/kg	60.2 mg/kg	493 mg/kg	109 mg/kg	2480 mg/kg	2,480 mg/kg
Mercury	0.0416 mg/kg	0.182 mg/kg	1.71 mg/kg	0.0561 mg/kg	2.29 mg/kg	0.18 mg/kg	0.73 mg/kg	0.73 mg/kg

Notes:
All results are in mg/kg(PPM) and ug/kg(PPB)
ND = None Detected
NS= Not specified

¹=16 NYCRR PART 375 Environmental Remediation ProgramsSubparts 375-1 to 375- 4 & 375-6 (December 14, 2006)

LABORATORY RESULTS



Technical Report

prepared for:

DPV Consultants Inc

19 West 36th St. 9th Floor

New York NY, 10018

Attention: Anthony Rizvi

Report Date: 01/16/2020

Client Project ID: 580 Gerard Ave.

York Project (SDG) No.: 20A0318

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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ClientServices@yorklab.com

Report Date: 01/16/2020
Client Project ID: 580 Gerard Ave.
York Project (SDG) No.: 20A0318

DPV Consultants Inc
19 West 36th St. 9th Floor
New York NY, 10018
Attention: Anthony Rizvi

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 09, 2020 with a temperature of 3.7 C. The project was identified as your project: **580 Gerard Ave.**

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>
20A0318-01	Soil Boring 6 (6-7feet)-11	Soil	01/02/2020	01/09/2020
20A0318-02	Soil Boring 6 (6-7feet)-11 VOC	Soil	01/02/2020	01/09/2020
20A0318-03	Soil Boring 6 (7-8feet)-12	Soil	01/02/2020	01/09/2020
20A0318-04	Soil Boring 6 (7-8feet)-12 VOC	Soil	01/02/2020	01/09/2020
20A0318-05	Soil Boring 7 (9-10feet)-13	Soil	01/03/2020	01/09/2020
20A0318-06	Soil Boring 7 (9-10feet)-13 VOC	Soil	01/03/2020	01/09/2020
20A0318-07	Soil Boring 7 (10-11feet)-14	Soil	01/03/2020	01/09/2020
20A0318-08	Soil Boring 7 (10-11feet)-14 VOC	Soil	01/03/2020	01/09/2020
20A0318-09	Soil Boring 8 (11-12feet)-15	Soil	01/03/2020	01/09/2020
20A0318-10	Soil Boring 8 (11-12feet)-15 VOC	Soil	01/03/2020	01/09/2020
20A0318-11	Soil Boring 8 (13-14feet)-16	Soil	01/03/2020	01/09/2020
20A0318-12	Soil Boring 8 (13-14feet)-16 VOC	Soil	01/03/2020	01/09/2020
20A0318-13	Soil Boring 9 (15-16feet)-17	Soil	01/03/2020	01/09/2020
20A0318-14	Soil Boring 9 (15-16feet)-17 VOC	Soil	01/03/2020	01/09/2020
20A0318-15	Soil Boring 9 (2-3feet)-18	Soil	01/06/2020	01/09/2020
20A0318-16	Soil Boring 9 (2-3feet)-18 VOC	Soil	01/06/2020	01/09/2020
20A0318-17	Soil Boring 10 (4-5feet)-19	Soil	01/06/2020	01/09/2020
20A0318-18	Soil Boring 10 (4-5feet)-19 VOC	Soil	01/06/2020	01/09/2020
20A0318-19	Soil Boring 10 (6-7feet)-20	Soil	01/06/2020	01/09/2020
20A0318-20	Soil Boring 10 (6-7feet)-20 VOC	Soil	01/06/2020	01/09/2020
20A0318-21	Soil Boring 1 (2-3feet)-1	Soil	12/30/2019	01/09/2020
20A0318-22	Soil Boring 1 (2-3feet)-1 VOC	Soil	12/30/2019	01/09/2020

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20A0318-23	Soil Boring 2 (4-5feet)-2	Soil	12/30/2019	01/09/2020
20A0318-24	Soil Boring 2 (4-5feet)-2 VOC	Soil	12/30/2019	01/09/2020
20A0318-25	Soil Boring 2 (6-7feet)-3	Soil	12/30/2019	01/09/2020
20A0318-26	Soil Boring 2 (6-7feet)-3 VOC	Soil	12/30/2019	01/09/2020
20A0318-27	Soil Boring 3 (7-8feet)-4	Soil	12/31/2019	01/09/2020
20A0318-28	Soil Boring 3 (7-8feet)-4 VOC	Soil	12/31/2019	01/09/2020
20A0318-29	Soil Boring 3 (9-10feet)-5	Soil	12/31/2019	01/09/2020
20A0318-30	Soil Boring 3 (9-10feet)-5 VOC	Soil	12/31/2019	01/09/2020
20A0318-31	Soil Boring 3 (11-12feet)-6	Soil	01/02/2020	01/09/2020
20A0318-32	Soil Boring 3 (11-12feet)-6 VOC	Soil	01/02/2020	01/09/2020
20A0318-33	Soil Boring 4 (13-14feet)-7	Soil	01/02/2020	01/09/2020
20A0318-34	Soil Boring 4 (13-14feet)-7 VOC	Soil	01/02/2020	01/09/2020
20A0318-35	Soil Boring 4 (15-16feet)-8	Soil	01/02/2020	01/09/2020
20A0318-36	Soil Boring 4 (15-16feet)-8 VOC	Soil	01/02/2020	01/09/2020
20A0318-37	Soil Boring 5 (2-3feet)-9	Soil	01/02/2020	01/09/2020
20A0318-38	Soil Boring 5 (2-3feet)-9 VOC	Soil	01/02/2020	01/09/2020
20A0318-39	Soil Boring 5 (9-5feet)-10	Soil	01/02/2020	01/09/2020
20A0318-40	Soil Boring 5 (9-5feet)-10 VOC	Soil	01/02/2020	01/09/2020
20A0318-41	Soil Boring 11 (8-9feet)-21	Soil	01/06/2020	01/09/2020
20A0318-42	Soil Boring 11 (8-9feet)-21 VOC	Soil	01/06/2020	01/09/2020
20A0318-43	Soil Boring 11 (10-11feet)-22	Soil	01/06/2020	01/09/2020
20A0318-44	Soil Boring 11 (10-11feet)-22 VOC	Soil	01/06/2020	01/09/2020
20A0318-45	Soil Boring 12 (12-13feet)-23	Soil	01/06/2020	01/09/2020
20A0318-46	Soil Boring 12 (12-13feet)-23 VOC	Soil	01/06/2020	01/09/2020
20A0318-47	Soil Boring 12 (14-15feet)-24	Soil	01/06/2020	01/09/2020
20A0318-48	Soil Boring 12 (14-15feet)-24 VOC	Soil	01/06/2020	01/09/2020
20A0318-49	Soil Boring 13 (3-4feet)-25	Soil	01/06/2020	01/09/2020
20A0318-50	Soil Boring 13 (3-4feet)-25 VOC	Soil	01/06/2020	01/09/2020

General Notes for York Project (SDG) No.: 20A0318

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 01/16/2020





Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11

York Sample ID: 20A0318-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0318

580 Gerard Ave.

Soil

January 2, 2020 3:00 pm

01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11

York Sample ID: 20A0318-01

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
62-53-3	Aniline	ND		ug/kg dry	192	383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
120-12-7	Anthracene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	192	383	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11

York Sample ID: 20A0318-01

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
105-60-2	Caprolactam	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
86-74-8	Carbazole	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
218-01-9	Chrysene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
206-44-0	Fluoranthene	65.8	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
86-73-7	Fluorene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11

York Sample ID: 20A0318-01

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
108-95-2	Phenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
129-00-0	Pyrene	51.2	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 10:55	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	67.5 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	72.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	75.5 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	76.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	83.5 %	24-116								



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11

York Sample ID: 20A0318-01

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 10:55	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
309-00-2	Aldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 17:17	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/14/2020 17:17	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
72-20-8	Endrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11

York Sample ID: 20A0318-01

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 17:17	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.46	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
8001-35-2	Toxaphene	ND		ug/kg dry	95.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:17	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	55.7 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	66.2 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:51	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:51	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:51	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:51	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:51	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:51	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:51	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 14:51	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	72.5 %								



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Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Metals, Target Analyte

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
7429-90-5	Aluminum	6330		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-38-2	Arsenic	1.82		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-39-3	Barium	42.1		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.347	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-70-2	Calcium	40700		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-47-3	Chromium	32.5		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-48-4	Cobalt	5.21		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-50-8	Copper	28.2		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7439-89-6	Iron	11900		mg/kg dry	29.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7439-92-1	Lead	111		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7439-95-4	Magnesium	25500		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7439-96-5	Manganese	169		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-02-0	Nickel	11.0		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-09-7	Potassium	1460	B	mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-23-5	Sodium	323		mg/kg dry	57.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-62-2	Vanadium	27.7		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM
7440-66-6	Zinc	78.4		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:35	JAM



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11

York Sample ID: 20A0318-01

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

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	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 12:24	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.579	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG

Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11 VOC

York Sample ID: 20A0318-02

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11 VOC

York Sample ID: 20A0318-02

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 00:34	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
67-64-1	Acetone	9.3	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11 VOC

York Sample ID: 20A0318-02

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11 VOC

York Sample ID: 20A0318-02

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-09-2	Methylene chloride	8.5	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 00:34	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 00:34	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 00:34	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 00:34	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 00:34	LLJ

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Soil Boring 6 (6-7feet)-11 VOC

York Sample ID: 20A0318-02

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	96.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 00:34	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
83-32-9	Acenaphthene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
98-86-2	Acetophenone	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
62-53-3	Aniline	ND		ug/kg dry	200	401	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
120-12-7	Anthracene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
1912-24-9	Atrazine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	200	401	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
65-85-0	Benzoic acid	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
105-60-2	Caprolactam	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
86-74-8	Carbazole	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
218-01-9	Chrysene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
206-44-0	Fluoranthene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
86-73-7	Fluorene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
78-59-1	Isophorone	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
85-01-8	Phenanthrene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
108-95-2	Phenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
129-00-0	Pyrene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	76.8 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	75.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	85.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	86.7 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.2 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:26	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

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01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
309-00-2	Aldrin	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 17:34	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/14/2020 17:34	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
72-20-8	Endrin	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 17:34	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
8001-35-2	Toxaphene	ND		ug/kg dry	98.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:34	CM
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

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580 Gerard Ave.

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	39.6 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	46.1 %			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:04	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:04	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:04	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:04	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:04	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:04	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:04	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 15:04	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %			30-140					

Metals, Target Analyte

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
7429-90-5	Aluminum	5960		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-36-0	Antimony	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-38-2	Arsenic	1.93		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-39-3	Barium	43.2		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM



Sample Information

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Metals, Target Analyte

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
7440-43-9	Cadmium	ND		mg/kg dry	0.361	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-70-2	Calcium	1440		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-47-3	Chromium	11.7		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-48-4	Cobalt	5.37		mg/kg dry	0.482	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-50-8	Copper	19.1		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7439-89-6	Iron	10900		mg/kg dry	30.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7439-92-1	Lead	5.13		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7439-95-4	Magnesium	2590		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7439-96-5	Manganese	256		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-02-0	Nickel	10.7		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-09-7	Potassium	1320	B	mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7782-49-2	Selenium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-22-4	Silver	ND		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-23-5	Sodium	133		mg/kg dry	60.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-28-0	Thallium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-62-2	Vanadium	17.3		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM
7440-66-6	Zinc	24.9		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 15:53	JAM

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	0.0361	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 12:33	SY



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12

York Sample ID: 20A0318-03

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.602	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG

Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12 VOC

York Sample ID: 20A0318-04

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/15/2020 06:16	01/15/2020 13:55	LLJ



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12 VOC

York Sample ID: 20A0318-04

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
67-64-1	Acetone	11		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12 VOC

York Sample ID: 20A0318-04

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-09-2	Methylene chloride	7.1	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12 VOC

York Sample ID: 20A0318-04

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 13:55	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 13:55	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 13:55	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/15/2020 06:16	01/15/2020 13:55	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 13:55	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	76-130								



Sample Information

Client Sample ID: Soil Boring 6 (7-8feet)-12 VOC

York Sample ID: 20A0318-04

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 am

Date Received
01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/15/2020 06:16	01/15/2020 13:55	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.
20A0318

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580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

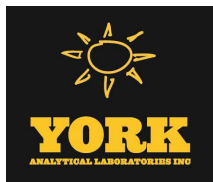
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
62-53-3	Aniline	ND		ug/kg dry	189	377	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
120-12-7	Anthracene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	189	377	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
105-60-2	Caprolactam	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 3, 2020 10:00 am

Date Received

01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
218-01-9	Chrysene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
86-73-7	Fluorene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
78-59-1	Isophorone	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
108-95-2	Phenol	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
129-00-0	Pyrene	ND		ug/kg dry	47.2	94.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 11:58	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	75.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	80.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	87.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	81.7 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	83.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.6 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 11:58	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 17:51	CM



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/14/2020 17:51	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 17:51	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.23	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 17:51	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	62.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	73.0 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:18	SR



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:18	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:18	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:18	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:18	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:18	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:18	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 15:18	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	80.0 %		30-140						

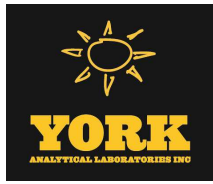
Metals, Target Analyte

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
7429-90-5	Aluminum	9340		mg/kg dry	5.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-39-3	Barium	37.6		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.346	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-70-2	Calcium	49000		mg/kg dry	5.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-47-3	Chromium	14.7		mg/kg dry	0.576	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-48-4	Cobalt	6.19		mg/kg dry	0.461	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-50-8	Copper	11.9		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 3, 2020 10:00 am

Date Received

01/09/2020

Metals, Target Analyte

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
7439-89-6	Iron	11100		mg/kg dry	28.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7439-92-1	Lead	1.49		mg/kg dry	0.576	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7439-95-4	Magnesium	11800		mg/kg dry	5.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7439-96-5	Manganese	267		mg/kg dry	0.576	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-02-0	Nickel	12.8		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-09-7	Potassium	1360	B	mg/kg dry	5.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-22-4	Silver	ND		mg/kg dry	0.576	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-23-5	Sodium	344		mg/kg dry	57.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-62-2	Vanadium	18.2		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM
7440-66-6	Zinc	26.1		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:00	JAM

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	0.0346	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 12:42	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.576	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

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

120 RESEARCH DRIVE

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STRATFORD, CT 06615

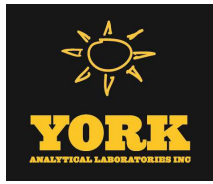
(203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@yorklab.com



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13

York Sample ID: 20A0318-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0318

580 Gerard Ave.

Soil

January 3, 2020 10:00 am

01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG

Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13 VOC

York Sample ID: 20A0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0318

580 Gerard Ave.

Soil

January 3, 2020 10:00 am

01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 01:27	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13 VOC

York Sample ID: 20A0318-06

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 01:27	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
67-64-1	Acetone	9.7	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13 VOC

York Sample ID: 20A0318-06

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-09-2	Methylene chloride	9.4	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 01:27	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 01:27	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13 VOC

York Sample ID: 20A0318-06

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:27	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 01:27	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:27	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.3 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	76-130								

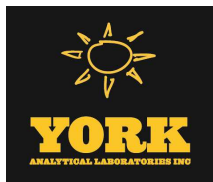
Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 01:27	LLJ



Sample Information

Client Sample ID: Soil Boring 7 (9-10feet)-13 VOC

York Sample ID: 20A0318-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0318

580 Gerard Ave.

Soil

January 3, 2020 10:00 am

01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14

York Sample ID: 20A0318-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0318

580 Gerard Ave.

Soil

January 3, 2020 11:00 am

01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14

York Sample ID: 20A0318-07

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14

York Sample ID: 20A0318-07

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	190	381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
120-12-7	Anthracene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	190	381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
105-60-2	Caprolactam	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
86-74-8	Carbazole	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
218-01-9	Chrysene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14

York Sample ID: 20A0318-07

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
86-73-7	Fluorene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
78-59-1	Isophorone	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
108-95-2	Phenol	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14

York Sample ID: 20A0318-07

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/kg dry	47.6	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 12:30	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	75.3 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	76.7 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	87.1 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.2 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	84.2 %		19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.5 %		24-116							

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 12:30	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 18:07	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14

York Sample ID: 20A0318-07

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/14/2020 18:07	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/14/2020 18:07	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.37	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/14/2020 18:07	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	71.1 %	30-150							

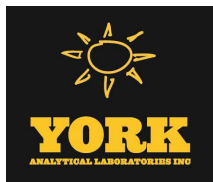
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:32	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:32	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:32	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:32	SR



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14

York Sample ID: 20A0318-07

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:32	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:32	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:32	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 15:32	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	81.5 %								

Metals, Target Analyte

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
7429-90-5	Aluminum	5080		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-39-3	Barium	127		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-70-2	Calcium	15000		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-47-3	Chromium	10.7		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-48-4	Cobalt	4.04		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-50-8	Copper	1190		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7439-89-6	Iron	8620		mg/kg dry	28.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7439-92-1	Lead	44.8		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7439-95-4	Magnesium	2630		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7439-96-5	Manganese	124		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM



Sample Information

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Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Metals, Target Analyte

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
7440-02-0	Nickel	8.81		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-09-7	Potassium	1420	B	mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-23-5	Sodium	166		mg/kg dry	57.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-62-2	Vanadium	12.3		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM
7440-66-6	Zinc	97.3		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:07	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0899		mg/kg dry	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 12:51	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.572	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

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	87.4		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14 VOC

York Sample ID: 20A0318-08

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 01:53	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14 VOC

York Sample ID: 20A0318-08

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
67-64-1	Acetone	14		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14 VOC

York Sample ID: 20A0318-08

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-09-2	Methylene chloride	10	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 01:53	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 01:53	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 01:53	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ



Sample Information

Client Sample ID: Soil Boring 7 (10-11feet)-14 VOC

York Sample ID: 20A0318-08

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 01:53	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 01:53	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.0 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 01:53	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
83-32-9	Acenaphthene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
62-53-3	Aniline	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
120-12-7	Anthracene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	187	374	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
105-60-2	Caprolactam	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
86-74-8	Carbazole	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
218-01-9	Chrysene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
206-44-0	Fluoranthene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
86-73-7	Fluorene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
78-59-1	Isophorone	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
85-01-8	Phenanthrene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
108-95-2	Phenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
129-00-0	Pyrene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:01	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	86.0 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	84.1 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	94.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	82.9 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	87.7 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	83.3 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 13:01	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 12:56	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 12:56	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

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Soil

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Date Received
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 12:56	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 12:56	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	60.6 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	67.2 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:45	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:45	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:45	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:45	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:45	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:45	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:45	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 15:45	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	89.0 %								



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
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Date Received
01/09/2020

Metals, Target Analyte

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
7429-90-5	Aluminum	8590		mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-39-3	Barium	90.8		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-43-9	Cadmium	0.379		mg/kg dry	0.344	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-70-2	Calcium	51500		mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-47-3	Chromium	27.6		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-48-4	Cobalt	8.87		mg/kg dry	0.458	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-50-8	Copper	19.0		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7439-89-6	Iron	15000		mg/kg dry	28.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7439-92-1	Lead	0.607		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7439-95-4	Magnesium	34600		mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7439-96-5	Manganese	249		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-02-0	Nickel	18.0		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-09-7	Potassium	4460	B	mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-22-4	Silver	ND		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-23-5	Sodium	247		mg/kg dry	57.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-62-2	Vanadium	33.9		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM
7440-66-6	Zinc	64.7		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:14	JAM



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15

York Sample ID: 20A0318-09

York Project (SDG) No.

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Client Project ID

580 Gerard Ave.

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Soil

Collection Date/Time

January 3, 2020 2:00 pm

Date Received

01/09/2020

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	0.0344	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 13:00	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.573	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

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	87.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG

Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15 VOC

York Sample ID: 20A0318-10

York Project (SDG) No.

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Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

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Date Received

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15 VOC

York Sample ID: 20A0318-10

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

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January 3, 2020 2:00 pm

Date Received
01/09/2020

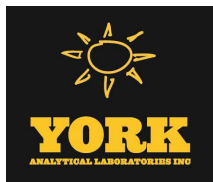
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 02:20	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
67-64-1	Acetone	16		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15 VOC

York Sample ID: 20A0318-10

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

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Date Received

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15 VOC

York Sample ID: 20A0318-10

York Project (SDG) No.
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Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 02:20	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 02:20	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:20	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 02:20	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:20	LLJ

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Soil Boring 8 (11-12feet)-15 VOC

York Sample ID: 20A0318-10

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 2:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.1 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 02:20	LLJ

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	85.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
120-12-7	Anthracene	73.1	J	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	178	356	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
56-55-3	Benzo(a)anthracene	233		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
50-32-8	Benzo(a)pyrene	236		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
205-99-2	Benzo(b)fluoranthene	202		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
191-24-2	Benzo(g,h,i)perylene	150		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
207-08-9	Benzo(k)fluoranthene	196		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
86-74-8	Carbazole	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
218-01-9	Chrysene	226		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
53-70-3	Dibenzo(a,h)anthracene	46.1	J	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
206-44-0	Fluoranthene	521		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
86-73-7	Fluorene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
193-39-5	Indeno(1,2,3-cd)pyrene	160		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
78-59-1	Isophorone	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
85-01-8	Phenanthrene	290		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
108-95-2	Phenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
129-00-0	Pyrene	417		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 13:33	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	73.4 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	77.3 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	80.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	80.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	84.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.0 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 13:33	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
309-00-2	Aldrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 13:13	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 13:13	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
72-20-8	Endrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 13:13	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
8001-35-2	Toxaphene	ND		ug/kg dry	88.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:13	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	52.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	57.9 %	30-150							



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:59	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:59	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:59	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:59	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:59	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:59	SR
11096-82-5	Aroclor 1260	0.0215		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:59	SR
1336-36-3	* Total PCBs	0.0215		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 15:59	SR
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	65.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	72.0 %	30-140							

Metals, Target Analyte

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
7429-90-5	Aluminum	8950		mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-38-2	Arsenic	3.43		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-39-3	Barium	70.1		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-70-2	Calcium	5170		mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-47-3	Chromium	16.3		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-48-4	Cobalt	6.62		mg/kg dry	0.431	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Metals, Target Analyte

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
7440-50-8	Copper	27.2		mg/kg dry	2.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7439-89-6	Iron	12300		mg/kg dry	27.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7439-92-1	Lead	67.9		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7439-95-4	Magnesium	3450		mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7439-96-5	Manganese	264		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-02-0	Nickel	15.0		mg/kg dry	1.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-09-7	Potassium	1490	B	mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-22-4	Silver	ND		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-23-5	Sodium	180		mg/kg dry	53.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-62-2	Vanadium	20.2		mg/kg dry	1.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM
7440-66-6	Zinc	76.8		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:21	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.424		mg/kg dry	0.0324	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 13:09	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.539	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16

York Sample ID: 20A0318-11

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.7		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG

Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16 VOC

York Sample ID: 20A0318-12

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 02:46	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
95-63-6	1,2,4-Trimethylbenzene	7.2		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16 VOC

York Sample ID: 20A0318-12

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
108-67-8	1,3,5-Trimethylbenzene	9.9		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	70	140	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
67-64-1	Acetone	13	J	ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
107-02-8	Acrolein	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16 VOC

York Sample ID: 20A0318-12

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 02:46	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 02:46	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
135-98-8	sec-Butylbenzene	4.8	J	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16 VOC

York Sample ID: 20A0318-12

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 02:46	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 02:46	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 02:46	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	96.8 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %	76-130								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
072088-04-1	1h-indene ISOMERS	34		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 02:46	LLJ
NA	dimethyl benzene isomers	37		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 02:46	LLJ
NA	dimethyl Undecane isomer	11		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 02:46	LLJ
NA	methyl Benzene isomer	16		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 02:46	LLJ
NA	methylpropyl benzene isomers	48		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 02:46	LLJ



Sample Information

Client Sample ID: Soil Boring 8 (13-14feet)-16 VOC

York Sample ID: 20A0318-12

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Tetramethyl Benzene isomer	26		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 02:46	LLJ

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	71.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17

York Sample ID: 20A0318-13

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW



Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17

York Sample ID: 20A0318-13

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW



Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17

York Sample ID: 20A0318-13

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
98-86-2	Acetophenone	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
62-53-3	Aniline	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
120-12-7	Anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
1912-24-9	Atrazine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	203	406	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
65-85-0	Benzoic acid	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
105-60-2	Caprolactam	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW



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Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
218-01-9	Chrysene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
206-44-0	Fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
86-73-7	Fluorene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
78-59-1	Isophorone	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
91-20-3	Naphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW



Sample Information

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York Sample ID: 20A0318-13

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
85-01-8	Phenanthrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
108-95-2	Phenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
129-00-0	Pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 14:05	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	81.8 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	85.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	89.3 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	79.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	84.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	82.0 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 14:05	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
309-00-2	Aldrin	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 13:30	CM



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 13:30	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
72-20-8	Endrin	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 13:30	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
8001-35-2	Toxaphene	ND		ug/kg dry	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:30	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	65.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	73.1 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:13	SR



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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:13	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:13	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:13	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:13	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:13	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:13	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 16:13	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	88.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	9600		mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-36-0	Antimony	ND		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-39-3	Barium	82.5		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.366	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-70-2	Calcium	6750		mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-47-3	Chromium	23.4		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-48-4	Cobalt	6.18		mg/kg dry	0.488	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-50-8	Copper	10.8		mg/kg dry	2.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM



Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17

York Sample ID: 20A0318-13

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 3, 2020 4:00 pm

Date Received

01/09/2020

Metals, Target Analyte

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
7439-89-6	Iron	12600		mg/kg dry	30.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7439-92-1	Lead	5.27		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7439-95-4	Magnesium	5060		mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7439-96-5	Manganese	225		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-02-0	Nickel	15.7		mg/kg dry	1.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-09-7	Potassium	2620	B	mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7782-49-2	Selenium	ND		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-23-5	Sodium	170		mg/kg dry	60.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-28-0	Thallium	ND		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-62-2	Vanadium	21.8		mg/kg dry	1.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM
7440-66-6	Zinc	35.5		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:28	JAM

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	0.0366	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 13:18	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.609	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

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

120 RESEARCH DRIVE

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Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17

York Sample ID: 20A0318-13

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG

Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17 VOC

York Sample ID: 20A0318-14

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:13	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 03:13	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:13	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ



Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17 VOC

York Sample ID: 20A0318-14

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
67-64-1	Acetone	17		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ



Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17 VOC

York Sample ID: 20A0318-14

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
67-66-3	Chloroform	3.8	J	ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 03:13	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 03:13	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ



Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17 VOC

York Sample ID: 20A0318-14

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:13	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 03:13	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:13	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.0 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.1 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	76-130								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	cyclohexanone isomer	7.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 03:13	LLJ
NA	dimethyl naphthalene isomers	15		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 03:13	LLJ



Sample Information

Client Sample ID: Soil Boring 9 (15-16feet)-17 VOC

York Sample ID: 20A0318-14

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 3, 2020 4:00 pm

Date Received
01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

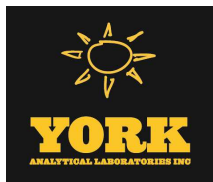
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
83-32-9	Acenaphthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
98-86-2	Acetophenone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 6, 2020 8:00 am

Date Received

01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	192	385	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
120-12-7	Anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
1912-24-9	Atrazine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	192	385	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
65-85-0	Benzoic acid	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
105-60-2	Caprolactam	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
86-74-8	Carbazole	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
218-01-9	Chrysene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
206-44-0	Fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
86-73-7	Fluorene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
78-59-1	Isophorone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
91-20-3	Naphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
85-01-8	Phenanthrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
108-95-2	Phenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 15:40	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	74.4 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	78.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	83.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	79.5 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	91.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	88.7 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unknown aliphatic hydrocarbon	2300	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 15:40	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
309-00-2	Aldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 15:11	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 15:11	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
72-20-8	Endrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 15:11	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
8001-35-2	Toxaphene	ND		ug/kg dry	98.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 15:11	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	53.4 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	58.0 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:26	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:26	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:26	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:26	SR



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

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January 6, 2020 8:00 am

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:26	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:26	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:26	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 16:26	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	78.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	83.0 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	9900		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-38-2	Arsenic	2.65		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-39-3	Barium	55.0		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.356	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-70-2	Calcium	1160		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-47-3	Chromium	15.8		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-48-4	Cobalt	5.65		mg/kg dry	0.474	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-50-8	Copper	9.21		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7439-89-6	Iron	11900		mg/kg dry	29.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7439-92-1	Lead	7.13		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7439-95-4	Magnesium	2650		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7439-96-5	Manganese	282		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18

York Sample ID: 20A0318-15

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

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Soil

Collection Date/Time

January 6, 2020 8:00 am

Date Received

01/09/2020

Metals, Target Analyte

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
7440-02-0	Nickel	12.7		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-09-7	Potassium	1330	B	mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-22-4	Silver	ND		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-23-5	Sodium	156		mg/kg dry	59.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-62-2	Vanadium	18.1		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM
7440-66-6	Zinc	28.7		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:35	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0466		mg/kg dry	0.0356	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 13:27	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.593	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18 VOC

York Sample ID: 20A0318-16

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 03:39	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18 VOC

York Sample ID: 20A0318-16

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
67-64-1	Acetone	21		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18 VOC

York Sample ID: 20A0318-16

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
79-20-9	Methyl acetate	5.7	J	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 03:39	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 03:39	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 03:39	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ



Sample Information

Client Sample ID: Soil Boring 9 (2-3feet)-18 VOC

York Sample ID: 20A0318-16

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 8:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 03:39	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 03:39	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.7 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.2 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	dimethyl Benzene isomer	7.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 03:39	LLJ
NA	Methyl Hexane isomer	7.6		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 03:39	LLJ

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	80.7		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19

York Sample ID: 20A0318-17

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19

York Sample ID: 20A0318-17

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19

York Sample ID: 20A0318-17

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
83-32-9	Acenaphthene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
98-86-2	Acetophenone	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
62-53-3	Aniline	ND		ug/kg dry	209	418	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
120-12-7	Anthracene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
1912-24-9	Atrazine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	209	418	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
56-55-3	Benzo(a)anthracene	80.1	J	ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
50-32-8	Benzo(a)pyrene	81.7	J	ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
205-99-2	Benzo(b)fluoranthene	66.7	J	ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19

York Sample ID: 20A0318-17

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	63.4	J	ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
65-85-0	Benzoic acid	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
105-60-2	Caprolactam	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
86-74-8	Carbazole	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
218-01-9	Chrysene	82.6	J	ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
206-44-0	Fluoranthene	173		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
86-73-7	Fluorene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW



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01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
193-39-5	Indeno(1,2,3-cd)pyrene	57.5	J	ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
78-59-1	Isophorone	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
91-20-3	Naphthalene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
85-01-8	Phenanthrene	125		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
108-95-2	Phenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
129-00-0	Pyrene	155		ug/kg dry	52.3	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:12	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	68.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	76.1 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	76.4 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.8 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	86.9 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	82.3 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 16:12	OW



Sample Information

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York Sample ID: 20A0318-17

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20A0318

Client Project ID
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Matrix
Soil

Collection Date/Time
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01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	5.82		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
50-29-3	4,4'-DDT	29.3		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
309-00-2	Aldrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 13:47	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
57-74-9	Chlordane, total	ND		ug/kg dry	41.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 13:47	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
72-20-8	Endrin	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 13:47	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 13:47	CM



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	105	5	EPA 8081B	01/13/2020 13:40	01/15/2020 13:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	65.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	74.8 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

					Reported to			Date/Time	Date/Time	
CAS No.	Parameter	Result	Flag	Units	LOQ	Dilution	Reference Method	Prepared	Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	1	EPA 8082A	01/13/2020 13:40	01/15/2020 16:40	SR
							Certifications:			
	Surrogate Recoveries	Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	8350		mg/kg dry	6.36	1	EPA 6010D	01/10/2020 10:20	01/15/2020 16:42	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.18	1	EPA 6010D	01/10/2020 10:20	01/15/2020 16:42	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	3.15		mg/kg dry	1.91	1	EPA 6010D	01/10/2020 10:20	01/15/2020 16:42	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	133		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.382	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-70-2	Calcium	8030		mg/kg dry	6.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-47-3	Chromium	16.0		mg/kg dry	0.636	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-48-4	Cobalt	6.84		mg/kg dry	0.509	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-50-8	Copper	25.8		mg/kg dry	2.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7439-89-6	Iron	12800		mg/kg dry	31.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7439-92-1	Lead	85.8		mg/kg dry	0.636	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7439-95-4	Magnesium	4120		mg/kg dry	6.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7439-96-5	Manganese	239		mg/kg dry	0.636	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-02-0	Nickel	16.1		mg/kg dry	1.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-09-7	Potassium	2100	B	mg/kg dry	6.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7782-49-2	Selenium	ND		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-22-4	Silver	ND		mg/kg dry	0.636	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-23-5	Sodium	183		mg/kg dry	63.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-28-0	Thallium	ND		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-62-2	Vanadium	20.3		mg/kg dry	1.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM
7440-66-6	Zinc	73.2		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:42	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.266		mg/kg dry	0.0382	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 13:58	SY



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19

York Sample ID: 20A0318-17

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.636	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/10/2020 08:48	01/10/2020 15:42	JAG

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG

Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19 VOC

York Sample ID: 20A0318-18

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 04:05	LLJ



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19 VOC

York Sample ID: 20A0318-18

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
67-64-1	Acetone	29		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19 VOC

York Sample ID: 20A0318-18

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-09-2	Methylene chloride	22		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19 VOC

York Sample ID: 20A0318-18

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 04:05	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 04:05	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:05	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 04:05	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:05	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.4 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	76-130								



Sample Information

Client Sample ID: Soil Boring 10 (4-5feet)-19 VOC

York Sample ID: 20A0318-18

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 am

Date Received
01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 04:05	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
98-86-2	Acetophenone	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
62-53-3	Aniline	ND		ug/kg dry	204	408	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
120-12-7	Anthracene	55.3	J	ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
1912-24-9	Atrazine	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	204	408	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
56-55-3	Benzo(a)anthracene	133		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
50-32-8	Benzo(a)pyrene	125		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
205-99-2	Benzo(b)fluoranthene	100	J	ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
191-24-2	Benzo(g,h,i)perylene	68.3	J	ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
207-08-9	Benzo(k)fluoranthene	105		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
65-85-0	Benzoic acid	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
105-60-2	Caprolactam	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
86-74-8	Carbazole	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	159		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
206-44-0	Fluoranthene	388		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
86-73-7	Fluorene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
193-39-5	Indeno(1,2,3-cd)pyrene	73.2	J	ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
78-59-1	Isophorone	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
91-20-3	Naphthalene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
85-01-8	Phenanthrene	382		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
129-00-0	Pyrene	316		ug/kg dry	51.0	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:43	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	80.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	82.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	83.3 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.4 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 16:43	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
309-00-2	Aldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 14:04	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
57-74-9	Chlordane, total	ND		ug/kg dry	40.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 14:04	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
72-20-8	Endrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 14:04	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:04	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	72.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	78.5 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:53	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:53	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:53	SR



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:53	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:53	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:53	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 16:53	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 16:53	SR
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	87.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	78.5 %	30-140							

Metals, Target Analyte

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
7429-90-5	Aluminum	15100		mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-36-0	Antimony	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-38-2	Arsenic	5.10		mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-39-3	Barium	308		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-43-9	Cadmium	0.431		mg/kg dry	0.372	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-70-2	Calcium	7480		mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-47-3	Chromium	28.5		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-48-4	Cobalt	11.3		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-50-8	Copper	91.9		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7439-89-6	Iron	20800		mg/kg dry	31.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7439-92-1	Lead	67.0		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7439-95-4	Magnesium	9530		mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20

York Sample ID: 20A0318-19

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 6, 2020 10:00 am

Date Received

01/09/2020

Metals, Target Analyte

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
7439-96-5	Manganese	519		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-02-0	Nickel	22.0		mg/kg dry	1.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-09-7	Potassium	4760	B	mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7782-49-2	Selenium	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-22-4	Silver	ND		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-23-5	Sodium	302		mg/kg dry	62.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-28-0	Thallium	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-62-2	Vanadium	35.6		mg/kg dry	1.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM
7440-66-6	Zinc	98.8		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:49	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0516		mg/kg dry	0.0372	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 14:07	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.620	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 14:21	01/13/2020 19:49	STN

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	80.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 15:51	01/15/2020 10:22	JAG



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20 VOC

York Sample ID: 20A0318-20

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 04:32	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20 VOC

York Sample ID: 20A0318-20

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
67-64-1	Acetone	23		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20 VOC

York Sample ID: 20A0318-20

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-09-2	Methylene chloride	24		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 04:32	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 04:32	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 04:32	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ



Sample Information

Client Sample ID: Soil Boring 10 (6-7feet)-20 VOC

York Sample ID: 20A0318-20

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 04:32	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 04:32	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 04:32	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
83-32-9	Acenaphthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
98-86-2	Acetophenone	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
62-53-3	Aniline	ND		ug/kg dry	193	385	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
120-12-7	Anthracene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
1912-24-9	Atrazine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	193	385	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
65-85-0	Benzoic acid	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
117-81-7	Bis(2-ethylhexyl)phthalate	79.2	J	ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
105-60-2	Caprolactam	ND		ug/kg dry	96.1	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
86-74-8	Carbazole	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
218-01-9	Chrysene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
206-44-0	Fluoranthene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
86-73-7	Fluorene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
78-59-1	Isophorone	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
91-20-3	Naphthalene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
85-01-8	Phenanthrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
108-95-2	Phenol	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
129-00-0	Pyrene	ND		ug/kg dry	48.2	96.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/13/2020 23:47	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	68.1 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	70.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	70.5 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	77.5 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	90.2 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 07:43	01/13/2020 23:47	OW

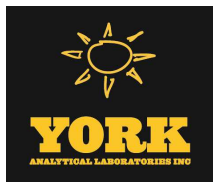
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 07:40	01/14/2020 13:22	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 07:40	01/14/2020 13:22	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 30, 2019 9:00 am

Date Received

01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 07:40	01/14/2020 13:22	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.51	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
8001-35-2	Toxaphene	ND		ug/kg dry	96.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:22	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	85.5 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.4 %		30-150						

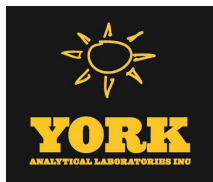
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:07	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:07	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:07	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:07	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:07	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:07	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:07	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications:	01/13/2020 07:40	01/15/2020 17:07	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	96.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %		30-140						



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.

20A0318

Client Project ID

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Soil

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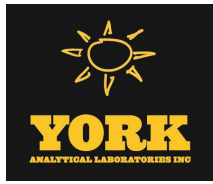
Metals, Target Analyte

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
7429-90-5	Aluminum	4060		mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-39-3	Barium	20.4		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-70-2	Calcium	66200		mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-47-3	Chromium	17.3		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-48-4	Cobalt	4.72		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-50-8	Copper	30.1		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7439-89-6	Iron	10400		mg/kg dry	29.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7439-92-1	Lead	4.61		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7439-95-4	Magnesium	41100		mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7439-96-5	Manganese	169		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-02-0	Nickel	9.56		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-09-7	Potassium	920	B	mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-23-5	Sodium	477		mg/kg dry	58.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-62-2	Vanadium	17.0		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM
7440-66-6	Zinc	29.0		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 21:06	JAM



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1

York Sample ID: 20A0318-21

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 30, 2019 9:00 am

Date Received

01/09/2020

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	0.0349	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 14:16	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.582	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 14:21	01/13/2020 19:49	STN

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	85.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1 VOC

York Sample ID: 20A0318-22

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 30, 2019 9:00 am

Date Received

01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1 VOC

York Sample ID: 20A0318-22

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/13/2020 06:57	01/13/2020 16:48	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
67-64-1	Acetone	43		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
107-02-8	Acrolein	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1 VOC

York Sample ID: 20A0318-22

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

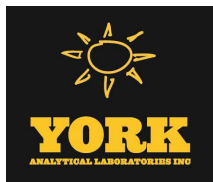
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP



Sample Information

Client Sample ID: Soil Boring 1 (2-3feet)-1 VOC

York Sample ID: 20A0318-22

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 30, 2019 9:00 am

Date Received

01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
75-09-2	Methylene chloride	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/13/2020 06:57	01/13/2020 16:48	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/13/2020 06:57	01/13/2020 16:48	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 16:48	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH	01/13/2020 06:57	01/13/2020 16:48	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.5	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 16:48	TMP

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 1 (2-3feet)-1 VOC

York Sample ID: 20A0318-22

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 9:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	99.9 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/13/2020 06:57	01/13/2020 16:48	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.7		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
62-53-3	Aniline	ND		ug/kg dry	190	380	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
120-12-7	Anthracene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	190	380	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
117-81-7	Bis(2-ethylhexyl)phthalate	134		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
105-60-2	Caprolactam	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
86-74-8	Carbazole	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
218-01-9	Chrysene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
86-73-7	Fluorene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
78-59-1	Isophorone	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
108-95-2	Phenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
129-00-0	Pyrene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:19	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	66.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	67.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	76.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	96.6 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 07:43	01/14/2020 00:19	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 07:40	01/14/2020 13:39	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 07:40	01/14/2020 13:39	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 07:40	01/14/2020 13:39	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.42	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM
8001-35-2	Toxaphene	ND		ug/kg dry	95.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:39	CM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	90.1 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	94.2 %			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:20	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:20	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:20	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:20	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:20	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:20	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:20	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	01/13/2020 07:40	01/15/2020 17:20	SR

Surrogate Recoveries		Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	96.0 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	97.5 %	30-140

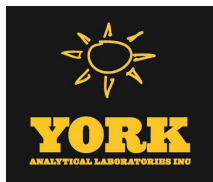
Metals, Target Analyte

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
7429-90-5	Aluminum	6300		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-39-3	Barium	29.6		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 30, 2019 10:00 am

Date Received

01/09/2020

Metals, Target Analyte

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
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-70-2	Calcium	56000		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-47-3	Chromium	22.0		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-48-4	Cobalt	5.91		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-50-8	Copper	21.6		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7439-89-6	Iron	12900		mg/kg dry	28.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7439-92-1	Lead	5.14		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7439-95-4	Magnesium	35200		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7439-96-5	Manganese	228		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-02-0	Nickel	17.0		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-09-7	Potassium	987	B	mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-23-5	Sodium	396		mg/kg dry	57.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-62-2	Vanadium	17.7		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM
7440-66-6	Zinc	88.7		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 16:56	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 14:25	SY



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2

York Sample ID: 20A0318-23

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.575	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 14:21	01/13/2020 19:49	STN

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2 VOC

York Sample ID: 20A0318-24

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/13/2020 06:57	01/13/2020 17:14	TMP



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2 VOC

York Sample ID: 20A0318-24

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
67-64-1	Acetone	8.9	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2 VOC

York Sample ID: 20A0318-24

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:14	TMP
75-09-2	Methylene chloride	16		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2 VOC

York Sample ID: 20A0318-24

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/13/2020 06:57	01/13/2020 17:14	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/13/2020 06:57	01/13/2020 17:14	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/13/2020 06:57	01/13/2020 17:14	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/13/2020 06:57	01/13/2020 17:14	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:14	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	76-130								



Sample Information

Client Sample ID: Soil Boring 2 (4-5feet)-2 VOC

York Sample ID: 20A0318-24

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 10:00 am

Date Received
01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/13/2020 06:57	01/13/2020 17:14	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
120-12-7	Anthracene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	185	370	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
85-68-7	Benzyl butyl phthalate	51.0	J	ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
117-81-7	Bis(2-ethylhexyl)phthalate	128		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
105-60-2	Caprolactam	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
86-74-8	Carbazole	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
206-44-0	Fluoranthene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
86-73-7	Fluorene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
78-59-1	Isophorone	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
108-95-2	Phenol	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
129-00-0	Pyrene	ND		ug/kg dry	46.3	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:43	01/14/2020 00:51	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.8 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	58.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	65.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.1 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	77.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	108 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 07:43	01/14/2020 00:51	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 07:40	01/14/2020 13:56	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

York Project (SDG) No.

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580 Gerard Ave.

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Soil

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December 30, 2019 11:00 am

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	36.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 07:40	01/14/2020 13:56	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 07:40	01/14/2020 13:56	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
8001-35-2	Toxaphene	ND		ug/kg dry	92.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 07:40	01/14/2020 13:56	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	80.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	87.2 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:34	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:34	SR



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:34	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:34	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:34	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:34	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 07:40	01/15/2020 17:34	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	01/13/2020 07:40	01/15/2020 17:34	SR
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	95.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	87.5 %	30-140							

Metals, Target Analyte

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
7429-90-5	Aluminum	4500		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-39-3	Barium	38.0		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-70-2	Calcium	63500		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-47-3	Chromium	15.0		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-48-4	Cobalt	8.66		mg/kg dry	0.446	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-50-8	Copper	19.4		mg/kg dry	2.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7439-89-6	Iron	9570		mg/kg dry	27.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

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580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	4.56		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7439-95-4	Magnesium	40300		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7439-96-5	Manganese	510		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-02-0	Nickel	11.7		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-09-7	Potassium	931	B	mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7782-49-2	Selenium	3.10		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-23-5	Sodium	290		mg/kg dry	55.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-62-2	Vanadium	15.6		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM
7440-66-6	Zinc	47.4		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:20	01/15/2020 17:14	JAM

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	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 14:34	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 14:21	01/13/2020 19:49	STN

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	89.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3

York Sample ID: 20A0318-25

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
20A0318	580 Gerard Ave.	Soil	December 30, 2019 11:00 am	01/09/2020

Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3 VOC

York Sample ID: 20A0318-26

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
20A0318	580 Gerard Ave.	Soil	December 30, 2019 11:00 am	01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/13/2020 06:57	01/13/2020 17:40	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3 VOC

York Sample ID: 20A0318-26

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
67-64-1	Acetone	10	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3 VOC

York Sample ID: 20A0318-26

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
75-09-2	Methylene chloride	13		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/13/2020 06:57	01/13/2020 17:40	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/13/2020 06:57	01/13/2020 17:40	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2020 06:57	01/13/2020 17:40	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP



Sample Information

Client Sample ID: Soil Boring 2 (6-7feet)-3 VOC

York Sample ID: 20A0318-26

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 30, 2019 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/13/2020 06:57	01/13/2020 17:40	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/13/2020 06:57	01/13/2020 17:40	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	99.8 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/13/2020 06:57	01/13/2020 17:40	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.4		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4

York Sample ID: 20A0318-27

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
91-57-6	2-Methylnaphthalene	86.3	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4

York Sample ID: 20A0318-27

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
83-32-9	Acenaphthene	211		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
62-53-3	Aniline	ND		ug/kg dry	191	383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
120-12-7	Anthracene	672		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	191	383	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
56-55-3	Benzo(a)anthracene	913		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
50-32-8	Benzo(a)pyrene	753		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
205-99-2	Benzo(b)fluoranthene	601		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
191-24-2	Benzo(g,h,i)perylene	439		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW



Sample Information

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York Sample ID: 20A0318-27

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Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	627		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
117-81-7	Bis(2-ethylhexyl)phthalate	71.8	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
105-60-2	Caprolactam	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
86-74-8	Carbazole	237		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
218-01-9	Chrysene	877		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
53-70-3	Dibenzo(a,h)anthracene	108		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
132-64-9	Dibenzofuran	195		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
206-44-0	Fluoranthene	2390		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
86-73-7	Fluorene	262		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4

York Sample ID: 20A0318-27

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
193-39-5	Indeno(1,2,3-cd)pyrene	468		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
91-20-3	Naphthalene	110		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
85-01-8	Phenanthrene	2490		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
108-95-2	Phenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
129-00-0	Pyrene	1850		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:15	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	72.2 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	78.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.5 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	90.7 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.4 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:15	OW



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4

York Sample ID: 20A0318-27

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 11:51	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/16/2020 11:51	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 11:51	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.42	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 11:51	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	69.9 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.3 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:28	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:28	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:28	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:28	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:28	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:28	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:28	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	01/14/2020 08:03	01/15/2020 23:28	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	92.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	95.0 %		30-140						

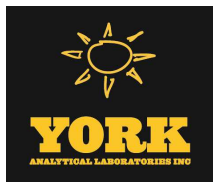
Metals, Target Analyte

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
7429-90-5	Aluminum	7010		mg/kg dry	5.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-38-2	Arsenic	6.63		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4

York Sample ID: 20A0318-27

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 31, 2019 9:00 am

Date Received

01/09/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	101		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-43-9	Cadmium	0.467		mg/kg dry	0.348	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-70-2	Calcium	45500		mg/kg dry	5.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-47-3	Chromium	21.7		mg/kg dry	0.581	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-48-4	Cobalt	7.82		mg/kg dry	0.465	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-50-8	Copper	114		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7439-89-6	Iron	16300		mg/kg dry	29.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7439-92-1	Lead	232		mg/kg dry	0.581	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7439-95-4	Magnesium	25400		mg/kg dry	5.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7439-96-5	Manganese	319		mg/kg dry	0.581	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-02-0	Nickel	20.0		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-09-7	Potassium	1340	B	mg/kg dry	5.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7782-49-2	Selenium	5.70		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-22-4	Silver	ND		mg/kg dry	0.581	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-23-5	Sodium	360		mg/kg dry	58.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-62-2	Vanadium	27.8		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM
7440-66-6	Zinc	166		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:17	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0978		mg/kg dry	0.0348	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 14:43	SY



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4

York Sample ID: 20A0318-27

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.581	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 14:21	01/13/2020 19:49	STN

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4 VOC

York Sample ID: 20A0318-28

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:17	01/14/2020 14:53	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4 VOC

York Sample ID: 20A0318-28

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

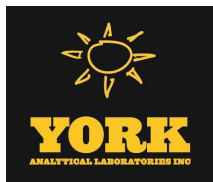
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
67-64-1	Acetone	14	CCV-E	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4 VOC

York Sample ID: 20A0318-28

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 31, 2019 9:00 am

Date Received

01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4 VOC

York Sample ID: 20A0318-28

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:17	01/14/2020 14:53	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:17	01/14/2020 14:53	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:17	01/14/2020 14:53	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:17	01/14/2020 14:53	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:53	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.8 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	76-130								



Sample Information

Client Sample ID: Soil Boring 3 (7-8feet)-4 VOC

York Sample ID: 20A0318-28

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 9:00 am

Date Received
01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:17	01/14/2020 14:53	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
62-53-3	Aniline	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
120-12-7	Anthracene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	189	378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
105-60-2	Caprolactam	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
218-01-9	Chrysene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
86-73-7	Fluorene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
78-59-1	Isophorone	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
108-95-2	Phenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
129-00-0	Pyrene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:47	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	79.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	81.5 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	87.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	96.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.1 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:47	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 16:35	CM



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/15/2020 16:35	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 16:35	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.27	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:35	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	74.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	78.1 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:41	SR



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:41	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:41	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:41	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:41	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:41	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:41	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/14/2020 08:03	01/15/2020 23:41	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	88.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	88.0 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	8150		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-38-2	Arsenic	2.13		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-39-3	Barium	48.0		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-70-2	Calcium	2790		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-47-3	Chromium	16.3		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-48-4	Cobalt	6.20		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-50-8	Copper	8.40		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Metals, Target Analyte

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
7439-89-6	Iron	13500		mg/kg dry	28.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7439-92-1	Lead	6.69		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7439-95-4	Magnesium	3340		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7439-96-5	Manganese	317		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-02-0	Nickel	15.0		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-09-7	Potassium	2130	B	mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-23-5	Sodium	97.2		mg/kg dry	57.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-62-2	Vanadium	17.5		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM
7440-66-6	Zinc	28.2		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:26	JAM

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	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 14:52	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.571	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 14:21	01/13/2020 19:49	STN

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

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



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5

York Sample ID: 20A0318-29

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

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01/09/2020

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	87.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5 VOC

York Sample ID: 20A0318-30

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

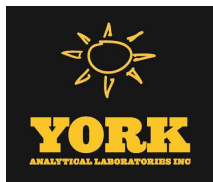
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:17	01/14/2020 14:00	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5 VOC

York Sample ID: 20A0318-30

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

December 31, 2019 10:00 am

Date Received

01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:17	01/14/2020 14:00	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
67-64-1	Acetone	16	CCV-E	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5 VOC

York Sample ID: 20A0318-30

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-09-2	Methylene chloride	8.4	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:17	01/14/2020 14:00	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:17	01/14/2020 14:00	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5 VOC

York Sample ID: 20A0318-30

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:17	01/14/2020 14:00	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:17	01/14/2020 14:00	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:17	01/14/2020 14:00	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	115 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	76-130								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:17	01/14/2020 14:00	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (9-10feet)-5 VOC

York Sample ID: 20A0318-30

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
December 31, 2019 10:00 am

Date Received
01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.4		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6

York Sample ID: 20A0318-31

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6

York Sample ID: 20A0318-31

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6

York Sample ID: 20A0318-31

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
120-12-7	Anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
56-55-3	Benzo(a)anthracene	61.7	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
50-32-8	Benzo(a)pyrene	49.8	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
105-60-2	Caprolactam	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
86-74-8	Carbazole	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
218-01-9	Chrysene	52.8	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6

York Sample ID: 20A0318-31

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
206-44-0	Fluoranthene	132		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
86-73-7	Fluorene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
85-01-8	Phenanthrene	144		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
108-95-2	Phenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW
129-00-0	Pyrene	98.1		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:18	OW

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6

York Sample ID: 20A0318-31

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	73.0 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	77.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.5 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 18:18	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 14:20	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM



Sample Information

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Soil

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January 2, 2020 9:00 am

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01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 14:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 14:20	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:20	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	67.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	71.4 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:01	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:01	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:01	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:01	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:01	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:01	SR



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6

York Sample ID: 20A0318-31

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	0.0184		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:01	SR
1336-36-3	* Total PCBs	0.0184		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 18:01	SR
	Surrogate Recoveries	Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	92.5 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	8340		mg/kg dry	5.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-38-2	Arsenic	1.73		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-39-3	Barium	54.2		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-70-2	Calcium	1170		mg/kg dry	5.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-47-3	Chromium	17.1		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-48-4	Cobalt	6.65		mg/kg dry	0.449	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-50-8	Copper	9.10		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7439-89-6	Iron	13700		mg/kg dry	28.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7439-92-1	Lead	8.44		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7439-95-4	Magnesium	3210		mg/kg dry	5.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7439-96-5	Manganese	332		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-02-0	Nickel	15.4		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-09-7	Potassium	1910	B	mg/kg dry	5.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6

York Sample ID: 20A0318-31

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-23-5	Sodium	101		mg/kg dry	56.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-62-2	Vanadium	18.8		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM
7440-66-6	Zinc	33.6		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:28	JAM

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	01/10/2020 12:00	01/10/2020 15:01	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

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	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6 VOC

York Sample ID: 20A0318-32

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
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Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6 VOC

York Sample ID: 20A0318-32

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580 Gerard Ave.

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Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/15/2020 06:16	01/15/2020 14:21	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6 VOC

York Sample ID: 20A0318-32

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
67-64-1	Acetone	9.4	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6 VOC

York Sample ID: 20A0318-32

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 14:21	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 14:21	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:21	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ



Sample Information

Client Sample ID: Soil Boring 3 (11-12feet)-6 VOC

York Sample ID: 20A0318-32

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 9:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/15/2020 06:16	01/15/2020 14:21	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:21	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.9 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/15/2020 06:16	01/15/2020 14:21	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
83-32-9	Acenaphthene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
98-86-2	Acetophenone	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
62-53-3	Aniline	ND		ug/kg dry	214	429	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
120-12-7	Anthracene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
1912-24-9	Atrazine	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	214	429	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
65-85-0	Benzoic acid	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
105-60-2	Caprolactam	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
86-74-8	Carbazole	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
218-01-9	Chrysene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
206-44-0	Fluoranthene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
86-73-7	Fluorene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
78-59-1	Isophorone	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
91-20-3	Naphthalene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
85-01-8	Phenanthrene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
108-95-2	Phenol	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
129-00-0	Pyrene	ND		ug/kg dry	53.7	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 18:50	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	78.1 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	81.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	83.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	86.8 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.5 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 18:50	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
309-00-2	Aldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 14:37	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
57-74-9	Chlordane, total	ND		ug/kg dry	42.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/13/2020 13:40	01/15/2020 14:37	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
72-20-8	Endrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/13/2020 13:40	01/15/2020 14:37	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
8001-35-2	Toxaphene	ND		ug/kg dry	107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 14:37	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	67.7 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	76.1 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:15	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:15	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:15	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:15	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:15	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:15	SR
11096-82-5	Aroclor 1260	0.0215		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/13/2020 13:40	01/15/2020 18:15	SR
1336-36-3	* Total PCBs	0.0215		mg/kg dry	0.0213	1	EPA 8082A Certifications:	01/13/2020 13:40	01/15/2020 18:15	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	86.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %								



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Metals, Target Analyte

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
7429-90-5	Aluminum	10600		mg/kg dry	6.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-36-0	Antimony	ND		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-38-2	Arsenic	2.09		mg/kg dry	1.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-39-3	Barium	64.1		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.392	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-70-2	Calcium	1260		mg/kg dry	6.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-47-3	Chromium	15.0		mg/kg dry	0.653	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-48-4	Cobalt	6.02		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-50-8	Copper	12.7		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7439-89-6	Iron	12400		mg/kg dry	32.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7439-92-1	Lead	165		mg/kg dry	0.653	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7439-95-4	Magnesium	3110		mg/kg dry	6.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7439-96-5	Manganese	270		mg/kg dry	0.653	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-02-0	Nickel	16.0		mg/kg dry	1.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-09-7	Potassium	946	B	mg/kg dry	6.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7782-49-2	Selenium	ND		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-22-4	Silver	ND		mg/kg dry	0.653	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-23-5	Sodium	337		mg/kg dry	65.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-28-0	Thallium	ND		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-62-2	Vanadium	17.9		mg/kg dry	1.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM
7440-66-6	Zinc	58.6		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:30	JAM



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7

York Sample ID: 20A0318-33

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0475		mg/kg dry	0.0392	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 15:10	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.653	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7 VOC

York Sample ID: 20A0318-34

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7 VOC

York Sample ID: 20A0318-34

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/15/2020 06:16	01/15/2020 14:48	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
67-64-1	Acetone	15		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7 VOC

York Sample ID: 20A0318-34

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7 VOC

York Sample ID: 20A0318-34

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 14:48	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 14:48	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 14:48	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	01/15/2020 06:16	01/15/2020 14:48	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 14:48	LLJ

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Soil Boring 4 (13-14feet)-7 VOC

York Sample ID: 20A0318-34

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 10:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	98.9 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/15/2020 06:16	01/15/2020 14:48	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8

York Sample ID: 20A0318-35

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8

York Sample ID: 20A0318-35

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8

York Sample ID: 20A0318-35

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
83-32-9	Acenaphthene	279	J	ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
98-86-2	Acetophenone	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
62-53-3	Aniline	ND		ug/kg dry	983	1970	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
120-12-7	Anthracene	1120		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
1912-24-9	Atrazine	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	983	1970	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
56-55-3	Benzo(a)anthracene	2270		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
50-32-8	Benzo(a)pyrene	2070		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
205-99-2	Benzo(b)fluoranthene	1650		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
191-24-2	Benzo(g,h,i)perylene	1300		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
207-08-9	Benzo(k)fluoranthene	1640		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
65-85-0	Benzoic acid	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8

York Sample ID: 20A0318-35

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
105-60-2	Caprolactam	ND		ug/kg dry	491	980	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
86-74-8	Carbazole	314	J	ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
218-01-9	Chrysene	2280		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
53-70-3	Dibenzo(a,h)anthracene	459	J	ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
206-44-0	Fluoranthene	5010		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
86-73-7	Fluorene	361	J	ug/kg dry	246	491	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
193-39-5	Indeno(1,2,3-cd)pyrene	1320		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
78-59-1	Isophorone	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
91-20-3	Naphthalene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW



Sample Information

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York Sample ID: 20A0318-35

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20A0318

Client Project ID
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Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
85-01-8	Phenanthrene	4140		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
108-95-2	Phenol	ND		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
129-00-0	Pyrene	4610		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:22	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	23.6 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	28.8 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	31.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	29.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	31.0 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	33.6 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unknown aliphatic hydrocarbon	11400	J	ug/kg dry			10	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 19:22	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
309-00-2	Aldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8

York Sample ID: 20A0318-35

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 12:08	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/16/2020 12:08	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 12:08	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
8001-35-2	Toxaphene	ND		ug/kg dry	99.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:08	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.4 %	30-150							



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8

York Sample ID: 20A0318-35

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Soil

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:55	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:55	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:55	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:55	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:55	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:55	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 23:55	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	01/14/2020 08:03	01/15/2020 23:55	SR
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	78.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	81.5 %	30-140							

Metals, Target Analyte

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
7429-90-5	Aluminum	9240		mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-38-2	Arsenic	7.99		mg/kg dry	1.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-39-3	Barium	97.3		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-43-9	Cadmium	0.614		mg/kg dry	0.358	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-70-2	Calcium	22400		mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-47-3	Chromium	21.3		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-48-4	Cobalt	8.50		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM



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Metals, Target Analyte

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
7440-50-8	Copper	70.4		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7439-89-6	Iron	16700		mg/kg dry	29.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7439-92-1	Lead	268		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7439-95-4	Magnesium	11500		mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7439-96-5	Manganese	385		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-02-0	Nickel	20.6		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-09-7	Potassium	1770	B	mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-22-4	Silver	ND		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-23-5	Sodium	327		mg/kg dry	59.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-62-2	Vanadium	28.7		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM
7440-66-6	Zinc	252		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:33	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.249		mg/kg dry	0.0358	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 15:19	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.596	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8

York Sample ID: 20A0318-35

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8 VOC

York Sample ID: 20A0318-36

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:14	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/15/2020 06:16	01/15/2020 15:14	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:14	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8 VOC

York Sample ID: 20A0318-36

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
67-64-1	Acetone	11		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8 VOC

York Sample ID: 20A0318-36

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-09-2	Methylene chloride	12		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 15:14	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 15:14	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8 VOC

York Sample ID: 20A0318-36

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:14	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH	01/15/2020 06:16	01/15/2020 15:14	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:14	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.3 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	76-130								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/15/2020 06:16	01/15/2020 15:14	LLJ



Sample Information

Client Sample ID: Soil Boring 4 (15-16feet)-8 VOC

York Sample ID: 20A0318-36

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 11:00 am

Date Received
01/09/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.4		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
83-32-9	Acenaphthene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
120-12-7	Anthracene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	185	370	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
105-60-2	Caprolactam	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
86-74-8	Carbazole	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
218-01-9	Chrysene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
206-44-0	Fluoranthene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
86-73-7	Fluorene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
78-59-1	Isophorone	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
85-01-8	Phenanthrene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
108-95-2	Phenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 19:53	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	75.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	77.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	76.0 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.8 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 19:53	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 16:51	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

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January 2, 2020 1:00 pm

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01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/15/2020 16:51	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 16:51	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.26	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 16:51	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	77.1 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.8 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:09	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:09	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:09	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:09	SR



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

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January 2, 2020 1:00 pm

Date Received
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:09	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:09	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:09	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/14/2020 08:03	01/16/2020 00:09	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	84.5 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	7040		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-38-2	Arsenic	ND		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-39-3	Barium	30.9		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-70-2	Calcium	5070		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-47-3	Chromium	12.3		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-48-4	Cobalt	5.28		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-50-8	Copper	11.5		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7439-89-6	Iron	11900		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7439-92-1	Lead	12.4		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7439-95-4	Magnesium	3190		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7439-96-5	Manganese	342		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9

York Sample ID: 20A0318-37

York Project (SDG) No.

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Client Project ID

580 Gerard Ave.

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Soil

Collection Date/Time

January 2, 2020 1:00 pm

Date Received

01/09/2020

Metals, Target Analyte

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
7440-02-0	Nickel	12.4		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-09-7	Potassium	1110	B	mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-23-5	Sodium	222		mg/kg dry	56.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-62-2	Vanadium	14.7		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM
7440-66-6	Zinc	31.3		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:35	JAM

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	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 15:46	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

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	87.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9 VOC

York Sample ID: 20A0318-38

York Project (SDG) No.
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Client Project ID
580 Gerard Ave.

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Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/15/2020 06:16	01/15/2020 15:41	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9 VOC

York Sample ID: 20A0318-38

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
67-64-1	Acetone	15		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9 VOC

York Sample ID: 20A0318-38

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-09-2	Methylene chloride	5.3	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 15:41	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/15/2020 06:16	01/15/2020 15:41	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/15/2020 06:16	01/15/2020 15:41	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ



Sample Information

Client Sample ID: Soil Boring 5 (2-3feet)-9 VOC

York Sample ID: 20A0318-38

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 1:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH	01/15/2020 06:16	01/15/2020 15:41	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/15/2020 06:16	01/15/2020 15:41	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	99.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/15/2020 06:16	01/15/2020 15:41	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:38	01/16/2020 16:44	WL

Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10

York Sample ID: 20A0318-39

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10

York Sample ID: 20A0318-39

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10

York Sample ID: 20A0318-39

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
83-32-9	Acenaphthene	152		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
208-96-8	Acenaphthylene	263		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
98-86-2	Acetophenone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
62-53-3	Aniline	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
120-12-7	Anthracene	502		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
1912-24-9	Atrazine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	183	367	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
56-55-3	Benzo(a)anthracene	1830		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
50-32-8	Benzo(a)pyrene	1880		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
205-99-2	Benzo(b)fluoranthene	1470		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
191-24-2	Benzo(g,h,i)perylene	1160		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10

York Sample ID: 20A0318-39

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

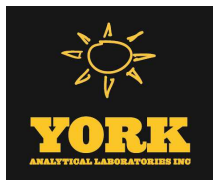
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	1460		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
65-85-0	Benzoic acid	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
117-81-7	Bis(2-ethylhexyl)phthalate	157		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
105-60-2	Caprolactam	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
86-74-8	Carbazole	151		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
218-01-9	Chrysene	1960		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
53-70-3	Dibenzo(a,h)anthracene	399		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
132-64-9	Dibenzofuran	58.6	J	ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
206-44-0	Fluoranthene	3330		ug/kg dry	115	229	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:29	OW
86-73-7	Fluorene	144		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10

York Sample ID: 20A0318-39

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
193-39-5	Indeno(1,2,3-cd)pyrene	1190		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
91-20-3	Naphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
85-01-8	Phenanthrene	1840		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
108-95-2	Phenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 20:25	OW
129-00-0	Pyrene	3030		ug/kg dry	115	229	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:29	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	67.5 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	74.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	82.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	72.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	85.5 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.0 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	unknown PAH MW=192	1610	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 20:25	OW
NA	unknown PAH MW=216	2340	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 20:25	OW
NA	unknown PAH MW=252	1390	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 20:25	OW



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10

York Sample ID: 20A0318-39

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
309-00-2	Aldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 12:24	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/16/2020 12:24	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
72-20-8	Endrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 12:24	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.15	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10

York Sample ID: 20A0318-39

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 12:24	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	56.9 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	44.4 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:22	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:22	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:22	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:22	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:22	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:22	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:22	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	01/14/2020 08:03	01/16/2020 00:22	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	8800		mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-38-2	Arsenic	5.01		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM



Sample Information

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York Project (SDG) No.
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Soil

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January 2, 2020 2:00 pm

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01/09/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	162		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-43-9	Cadmium	0.510		mg/kg dry	0.336	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-70-2	Calcium	19700		mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-47-3	Chromium	33.6		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-48-4	Cobalt	10.1		mg/kg dry	0.448	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-50-8	Copper	279		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7439-89-6	Iron	19200		mg/kg dry	28.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7439-92-1	Lead	242		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7439-95-4	Magnesium	4970		mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7439-96-5	Manganese	302		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-02-0	Nickel	25.9		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-09-7	Potassium	1660	B	mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-23-5	Sodium	415		mg/kg dry	56.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-62-2	Vanadium	31.6		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM
7440-66-6	Zinc	329		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:38	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.498		mg/kg dry	0.0336	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 12:00	01/10/2020 16:04	SY



Sample Information

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York Sample ID: 20A0318-39

York Project (SDG) No.
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Client Project ID
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Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

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	89.2		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10 VOC

York Sample ID: 20A0318-40

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 06:43	LLJ



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10 VOC

York Sample ID: 20A0318-40

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
67-64-1	Acetone	7.3	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10 VOC

York Sample ID: 20A0318-40

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-09-2	Methylene chloride	10	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10 VOC

York Sample ID: 20A0318-40

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 2, 2020 2:00 pm

Date Received
01/09/2020

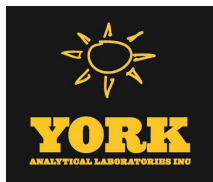
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 06:43	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 06:43	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 06:43	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 06:43	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 06:43	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.3 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	76-130								



Sample Information

Client Sample ID: Soil Boring 5 (9-5feet)-10 VOC

York Sample ID: 20A0318-40

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 2, 2020 2:00 pm

Date Received

01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 06:43	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:41	01/16/2020 16:50	WL

Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21

York Sample ID: 20A0318-41

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 6, 2020 11:00 am

Date Received

01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21

York Sample ID: 20A0318-41

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21

York Sample ID: 20A0318-41

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
98-86-2	Acetophenone	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
62-53-3	Aniline	ND		ug/kg dry	203	407	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
120-12-7	Anthracene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
1912-24-9	Atrazine	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	203	407	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
56-55-3	Benzo(a)anthracene	90.2	J	ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
50-32-8	Benzo(a)pyrene	78.8	J	ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
205-99-2	Benzo(b)fluoranthene	71.5	J	ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
191-24-2	Benzo(g,h,i)perylene	55.2	J	ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
207-08-9	Benzo(k)fluoranthene	59.3	J	ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
65-85-0	Benzoic acid	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
105-60-2	Caprolactam	ND		ug/kg dry	102	203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
86-74-8	Carbazole	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21

York Sample ID: 20A0318-41

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	89.3	J	ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
131-11-3	Dimethyl phthalate	136		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
206-44-0	Fluoranthene	204		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
86-73-7	Fluorene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
78-59-1	Isophorone	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
91-20-3	Naphthalene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
85-01-8	Phenanthrene	146		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21

York Sample ID: 20A0318-41

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
129-00-0	Pyrene	166		ug/kg dry	50.9	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:17	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	65.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	73.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	123 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	60.5 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	113 %	S-08		19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.4 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 16:17	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
309-00-2	Aldrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 13:46	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/16/2020 13:46	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
72-20-8	Endrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 13:46	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
8001-35-2	Toxaphene	ND		ug/kg dry	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 13:46	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	72.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.7 %	30-150							

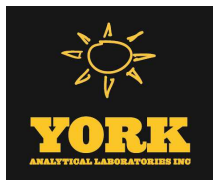
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:36	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:36	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:36	SR



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21

York Sample ID: 20A0318-41

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:36	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:36	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:36	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 00:36	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	01/14/2020 08:03	01/16/2020 00:36	SR
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %	30-140							

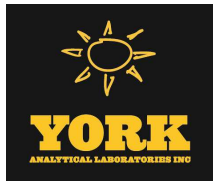
Metals, Target Analyte

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
7429-90-5	Aluminum	21100		mg/kg dry	6.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-36-0	Antimony	ND		mg/kg dry	3.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-38-2	Arsenic	2.56		mg/kg dry	1.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-39-3	Barium	125		mg/kg dry	3.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-43-9	Cadmium	0.504		mg/kg dry	0.370	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-70-2	Calcium	24300		mg/kg dry	6.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-47-3	Chromium	16.7		mg/kg dry	0.617	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-48-4	Cobalt	22.1		mg/kg dry	0.494	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-50-8	Copper	14.3		mg/kg dry	2.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7439-89-6	Iron	26500		mg/kg dry	30.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7439-92-1	Lead	37.4		mg/kg dry	0.617	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7439-95-4	Magnesium	16000		mg/kg dry	6.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21

York Sample ID: 20A0318-41

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 6, 2020 11:00 am

Date Received

01/09/2020

Metals, Target Analyte

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
7439-96-5	Manganese	370		mg/kg dry	0.617	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-02-0	Nickel	25.7		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-09-7	Potassium	3830	B	mg/kg dry	6.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7782-49-2	Selenium	ND		mg/kg dry	3.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-22-4	Silver	ND		mg/kg dry	0.617	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-23-5	Sodium	1390		mg/kg dry	61.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-28-0	Thallium	ND		mg/kg dry	3.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-62-2	Vanadium	71.1		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM
7440-66-6	Zinc	74.8		mg/kg dry	3.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:40	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0416		mg/kg dry	0.0370	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 16:23	01/10/2020 16:43	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.617	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21 VOC

York Sample ID: 20A0318-42

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 07:10	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21 VOC

York Sample ID: 20A0318-42

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
67-64-1	Acetone	35		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21 VOC

York Sample ID: 20A0318-42

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 07:10	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 07:10	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:10	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ



Sample Information

Client Sample ID: Soil Boring 11 (8-9feet)-21 VOC

York Sample ID: 20A0318-42

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 11:00 am

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 07:10	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:10	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	99.0 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 07:10	LLJ

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	85.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:41	01/16/2020 16:50	WL

Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

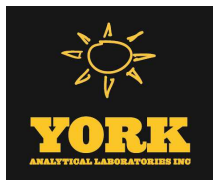
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
83-32-9	Acenaphthene	60.2	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
208-96-8	Acenaphthylene	46.8	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
120-12-7	Anthracene	185		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
56-55-3	Benzo(a)anthracene	422		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
50-32-8	Benzo(a)pyrene	381		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
205-99-2	Benzo(b)fluoranthene	311		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
191-24-2	Benzo(g,h,i)perylene	205		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	281		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
105-60-2	Caprolactam	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
86-74-8	Carbazole	50.5	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
218-01-9	Chrysene	389		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
53-70-3	Dibenzo(a,h)anthracene	78.8	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
132-64-9	Dibenzofuran	56.5	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
131-11-3	Dimethyl phthalate	126		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
206-44-0	Fluoranthene	1030		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
86-73-7	Fluorene	69.8	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
193-39-5	Indeno(1,2,3-cd)pyrene	186		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
85-01-8	Phenanthrene	783		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
108-95-2	Phenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
129-00-0	Pyrene	892		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 16:47	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	65.8 %									
4165-62-2	Surrogate: SURR: Phenol-d5	69.3 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	132 %	S-08								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	76.9 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	121 %	S-08								
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.7 %									

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 16:47	OW



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 17:08	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/15/2020 17:08	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 17:08	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.23	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:08	CM



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.4	5	EPA 8081B	01/14/2020 08:03	01/15/2020 17:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	73.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	77.8 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

					Reported to			Date/Time	Date/Time	
CAS No.	Parameter	Result	Flag	Units	LOQ	Dilution	Reference Method	Prepared	Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	01/14/2020 08:03	01/16/2020 00:49	SR
							Certifications:			
	Surrogate Recoveries	Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	93.5 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	9460		mg/kg dry	5.61	1	EPA 6010D	01/10/2020 10:22	01/13/2020 13:43	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D	01/10/2020 10:22	01/13/2020 13:43	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	2.64		mg/kg dry	1.68	1	EPA 6010D	01/10/2020 10:22	01/13/2020 13:43	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	87.9		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-70-2	Calcium	44900		mg/kg dry	5.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-47-3	Chromium	32.4		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-48-4	Cobalt	9.57		mg/kg dry	0.449	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-50-8	Copper	18.2		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7439-89-6	Iron	17900		mg/kg dry	28.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7439-92-1	Lead	24.3		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7439-95-4	Magnesium	28800		mg/kg dry	5.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7439-96-5	Manganese	302		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-02-0	Nickel	24.4		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-09-7	Potassium	3250	B	mg/kg dry	5.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-23-5	Sodium	251		mg/kg dry	56.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-62-2	Vanadium	34.6		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM
7440-66-6	Zinc	74.3		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:43	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.182		mg/kg dry	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 16:23	01/10/2020 16:52	SY



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22

York Sample ID: 20A0318-43

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

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	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22 VOC

York Sample ID: 20A0318-44

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

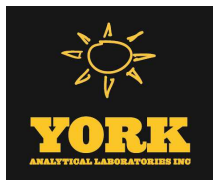
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 07:36	LLJ



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22 VOC

York Sample ID: 20A0318-44

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
67-64-1	Acetone	60		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22 VOC

York Sample ID: 20A0318-44

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-09-2	Methylene chloride	7.2	J	ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22 VOC

York Sample ID: 20A0318-44

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 07:36	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 07:36	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 07:36	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 07:36	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.2	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 07:36	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.9 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	76-130								



Sample Information

Client Sample ID: Soil Boring 11 (10-11feet)-22 VOC

York Sample ID: 20A0318-44

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 12:00 pm

Date Received
01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 07:36	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:41	01/16/2020 16:50	WL

Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	336		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

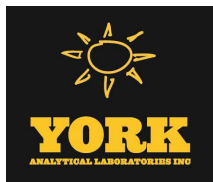
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
91-57-6	2-Methylnaphthalene	1200		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
83-32-9	Acenaphthene	3440		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

Matrix

Soil

Collection Date/Time

January 6, 2020 1:00 pm

Date Received

01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	195		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
120-12-7	Anthracene	10300		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	188	376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
56-55-3	Benzo(a)anthracene	14800		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
50-32-8	Benzo(a)pyrene	12100		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
205-99-2	Benzo(b)fluoranthene	9650		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
191-24-2	Benzo(g,h,i)perylene	5830		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
207-08-9	Benzo(k)fluoranthene	9460		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
117-81-7	Bis(2-ethylhexyl)phthalate	110		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
105-60-2	Caprolactam	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
86-74-8	Carbazole	2940		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
218-01-9	Chrysene	12800		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	2690		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
132-64-9	Dibenzofuran	3360		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
131-11-3	Dimethyl phthalate	119		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
206-44-0	Fluoranthene	38300		ug/kg dry	1180	2350	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 14:49	OW
86-73-7	Fluorene	4040		ug/kg dry	235	469	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
193-39-5	Indeno(1,2,3-cd)pyrene	5910		ug/kg dry	235	469	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 15:20	OW
78-59-1	Isophorone	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
91-20-3	Naphthalene	1710		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW
85-01-8	Phenanthrene	38300		ug/kg dry	1180	2350	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 14:49	OW
108-95-2	Phenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/14/2020 17:18	OW



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	26700		ug/kg dry	1180	2350	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/13/2020 13:45	01/15/2020 14:49	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	47.9 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	51.5 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	100 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	89.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.6 %	24-116								

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	dimethyl Naphthalene isomer	1650	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	diphenylmethane Isomer	1130	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=182	3680	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=213	1050	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=252	11900	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=253	1880	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=258	3150	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=264	2180	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=266	6980	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=268	2630	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=276	1880	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=278	4950	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=279	1130	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW
NA	unknown PAH MW=280	1650	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2020 13:45	01/14/2020 17:18	OW



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
309-00-2	Aldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 14:03	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/16/2020 14:03	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
72-20-8	Endrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 14:03	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:03	CM



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	5	EPA 8081B	01/14/2020 08:03	01/16/2020 14:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	65.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.9 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

					Reported to			Date/Time	Date/Time	
CAS No.	Parameter	Result	Flag	Units	LOQ	Dilution	Reference Method	Prepared	Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	01/14/2020 08:03	01/16/2020 01:03	SR
							Certifications:			
	Surrogate Recoveries	Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	92.5 %		30-140						

Metals, Target Analyte

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
7429-90-5	Aluminum	7090		mg/kg dry	5.78	1	EPA 6010D	01/10/2020 10:22	01/13/2020 13:45	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.89	1	EPA 6010D	01/10/2020 10:22	01/13/2020 13:45	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	11.8		mg/kg dry	1.73	1	EPA 6010D	01/10/2020 10:22	01/13/2020 13:45	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	171		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-43-9	Cadmium	0.839		mg/kg dry	0.347	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-70-2	Calcium	51400		mg/kg dry	5.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-47-3	Chromium	23.8		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-48-4	Cobalt	8.38		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-50-8	Copper	198		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7439-89-6	Iron	16700		mg/kg dry	28.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7439-92-1	Lead	521		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7439-95-4	Magnesium	3850		mg/kg dry	5.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7439-96-5	Manganese	209		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-02-0	Nickel	24.0		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-09-7	Potassium	1070	B	mg/kg dry	5.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-22-4	Silver	ND		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-23-5	Sodium	412		mg/kg dry	57.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-62-2	Vanadium	28.2		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM
7440-66-6	Zinc	332		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:45	JAM

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	1.71		mg/kg dry	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 16:23	01/10/2020 17:53	SY



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23

York Sample ID: 20A0318-45

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.578	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23 VOC

York Sample ID: 20A0318-46

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 08:02	LLJ



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23 VOC

York Sample ID: 20A0318-46

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

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01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
67-64-1	Acetone	86		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23 VOC

York Sample ID: 20A0318-46

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

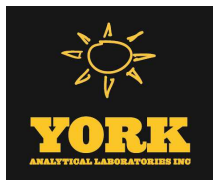
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-09-2	Methylene chloride	9.0	J	ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23 VOC

York Sample ID: 20A0318-46

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 08:02	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 08:02	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:02	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 08:02	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:02	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %	76-130								



Sample Information

Client Sample ID: Soil Boring 12 (12-13feet)-23 VOC

York Sample ID: 20A0318-46

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 1:00 pm

Date Received
01/09/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 08:02	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:41	01/16/2020 16:50	WL

Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
98-86-2	Acetophenone	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
62-53-3	Aniline	ND		ug/kg dry	204	408	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
120-12-7	Anthracene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
1912-24-9	Atrazine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	204	408	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
56-55-3	Benzo(a)anthracene	147		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
50-32-8	Benzo(a)pyrene	130		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
205-99-2	Benzo(b)fluoranthene	105		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
191-24-2	Benzo(g,h,i)perylene	79.0	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
207-08-9	Benzo(k)fluoranthene	96.1	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
65-85-0	Benzoic acid	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
105-60-2	Caprolactam	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
86-74-8	Carbazole	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	130		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
131-11-3	Dimethyl phthalate	87.2	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
206-44-0	Fluoranthene	261		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
86-73-7	Fluorene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
193-39-5	Indeno(1,2,3-cd)pyrene	70.9	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
78-59-1	Isophorone	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
91-20-3	Naphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
85-01-8	Phenanthrene	102		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
129-00-0	Pyrene	275		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 17:48	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.7 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	66.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	121 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	112 %	S-08		19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.4 %			24-116						

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/14/2020 07:57	01/14/2020 17:48	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
72-55-9	4,4'-DDE	29.3		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
50-29-3	4,4'-DDT	39.1		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
309-00-2	Aldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 17:25	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
57-74-9	Chlordane, total	ND		ug/kg dry	40.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/15/2020 17:25	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
72-20-8	Endrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/15/2020 17:25	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/15/2020 17:25	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	72.2 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.7 %		30-150						

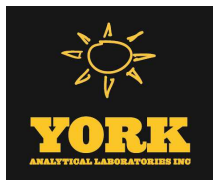
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:17	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:17	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:17	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:17	SR



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

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Soil

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January 6, 2020 7:00 pm

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01/09/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:17	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:17	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:17	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/14/2020 08:03	01/16/2020 01:17	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	93.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	87.5 %								

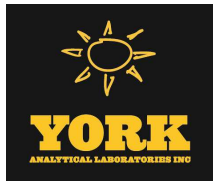
Metals, Target Analyte

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
7429-90-5	Aluminum	7440		mg/kg dry	6.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-36-0	Antimony	6.54		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-38-2	Arsenic	3.28		mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-39-3	Barium	62.4		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-43-9	Cadmium	ND		mg/kg dry	0.372	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-70-2	Calcium	1930		mg/kg dry	6.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-47-3	Chromium	15.5		mg/kg dry	0.619	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-48-4	Cobalt	6.40		mg/kg dry	0.495	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-50-8	Copper	32.3		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7439-89-6	Iron	17400		mg/kg dry	31.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7439-92-1	Lead	663		mg/kg dry	0.619	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7439-95-4	Magnesium	2970		mg/kg dry	6.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7439-96-5	Manganese	355		mg/kg dry	0.619	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24

York Sample ID: 20A0318-47

York Project (SDG) No.

20A0318

Client Project ID

580 Gerard Ave.

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Soil

Collection Date/Time

January 6, 2020 7:00 pm

Date Received

01/09/2020

Metals, Target Analyte

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
7440-02-0	Nickel	14.9		mg/kg dry	1.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-09-7	Potassium	1600	B	mg/kg dry	6.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7782-49-2	Selenium	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-22-4	Silver	ND		mg/kg dry	0.619	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-23-5	Sodium	170		mg/kg dry	61.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-28-0	Thallium	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-62-2	Vanadium	17.8		mg/kg dry	1.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM
7440-66-6	Zinc	60.2		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:48	JAM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0561		mg/kg dry	0.0372	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 16:23	01/10/2020 18:00	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.619	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

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	80.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24 VOC

York Sample ID: 20A0318-48

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 08:29	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
95-63-6	1,2,4-Trimethylbenzene	8.1		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24 VOC

York Sample ID: 20A0318-48

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
67-64-1	Acetone	31		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24 VOC

York Sample ID: 20A0318-48

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 08:29	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 08:29	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:29	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ



Sample Information

Client Sample ID: Soil Boring 12 (14-15feet)-24 VOC

York Sample ID: 20A0318-48

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 7:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 08:29	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:29	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.2 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	butyltoluene isomer	10		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 08:29	LLJ
NA	methylethyl benzene isomer	8.1		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 08:29	LLJ
NA	methylpropenyl benzene isomers	22		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 08:29	LLJ
NA	Tetramethyl Benzene isomer	15		ug/kg dry			1	EPA 8260C Certifications:	01/14/2020 06:47	01/15/2020 08:29	LLJ

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/16/2020 16:41	01/16/2020 16:50	WL



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25

York Sample ID: 20A0318-49

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

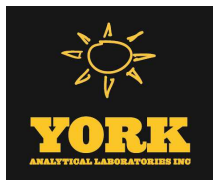
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25

York Sample ID: 20A0318-49

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
83-32-9	Acenaphthene	81.3	J	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
208-96-8	Acenaphthylene	51.4	J	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
98-86-2	Acetophenone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
62-53-3	Aniline	ND		ug/kg dry	192	384	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
120-12-7	Anthracene	263		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
1912-24-9	Atrazine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	192	384	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
56-55-3	Benzo(a)anthracene	965		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
50-32-8	Benzo(a)pyrene	941		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
205-99-2	Benzo(b)fluoranthene	779		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
191-24-2	Benzo(g,h,i)perylene	523		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25

York Sample ID: 20A0318-49

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	694		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
65-85-0	Benzoic acid	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
105-60-2	Caprolactam	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
86-74-8	Carbazole	85.2	J	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
218-01-9	Chrysene	876		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
53-70-3	Dibenzo(a,h)anthracene	200		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
131-11-3	Dimethyl phthalate	92.8	J	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
206-44-0	Fluoranthene	2050		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
86-73-7	Fluorene	76.0	J	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25

York Sample ID: 20A0318-49

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
193-39-5	Indeno(1,2,3-cd)pyrene	524		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
78-59-1	Isophorone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
91-20-3	Naphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
85-01-8	Phenanthrene	1160		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
108-95-2	Phenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
129-00-0	Pyrene	2020		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 07:57	01/14/2020 18:19	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.6 %				20-108					
4165-62-2	Surrogate: SURR: Phenol-d5	59.6 %				23-114					
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	115 %	S-08			22-108					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.9 %				21-113					
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	113 %	S-08			19-110					
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.8 %				24-116					

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	unknown PAH MW=216	844	J	ug/kg dry			2	EPA 8270D Certifications:	01/14/2020 07:57	01/14/2020 18:19	OW
NA	unknown PAH MW=252	1380	J	ug/kg dry			2	EPA 8270D Certifications:	01/14/2020 07:57	01/14/2020 18:19	OW
NA	unknown PAH MW=266	1530	J	ug/kg dry			2	EPA 8270D Certifications:	01/14/2020 07:57	01/14/2020 18:19	OW



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25

York Sample ID: 20A0318-49

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	unknown PAH MW=278	2000	J	ug/kg dry			2	EPA 8270D Certifications:	01/14/2020 07:57	01/14/2020 18:19	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
309-00-2	Aldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 14:20	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/14/2020 08:03	01/16/2020 14:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
72-20-8	Endrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/14/2020 08:03	01/16/2020 14:20	CM



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.43	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 14:20	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	62.9 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	39.4 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:30	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:30	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:30	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:30	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:30	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:30	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/14/2020 08:03	01/16/2020 01:30	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	01/14/2020 08:03	01/16/2020 01:30	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %		30-140						

Metals, Target Analyte

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



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25

York Sample ID: 20A0318-49

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Metals, Target Analyte

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
7429-90-5	Aluminum	9820		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-38-2	Arsenic	12.0		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-39-3	Barium	284		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-43-9	Cadmium	1.06		mg/kg dry	0.350	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-70-2	Calcium	12900		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-47-3	Chromium	27.9		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-48-4	Cobalt	12.2		mg/kg dry	0.467	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-50-8	Copper	359		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7439-89-6	Iron	17400		mg/kg dry	29.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7439-92-1	Lead	492		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7439-95-4	Magnesium	4350		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7439-96-5	Manganese	334		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-02-0	Nickel	31.3		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-09-7	Potassium	1380	B	mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-22-4	Silver	ND		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-23-5	Sodium	399		mg/kg dry	58.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-62-2	Vanadium	30.2		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM
7440-66-6	Zinc	493		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/10/2020 10:22	01/13/2020 13:56	JAM



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25

York Sample ID: 20A0318-49

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.29		mg/kg dry	0.0350	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/10/2020 16:23	01/10/2020 18:09	SY

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.583	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/15/2020 10:50	01/15/2020 16:58	MSP

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	85.7		%	0.100	1	SM 2540G Certifications: CTDOH	01/14/2020 16:29	01/15/2020 10:27	JAG

Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25 VOC

York Sample ID: 20A0318-50

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25 VOC

York Sample ID: 20A0318-50

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/14/2020 06:47	01/15/2020 08:55	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
67-64-1	Acetone	29		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25 VOC

York Sample ID: 20A0318-50

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
67-66-3	Chloroform	3.5	J	ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25 VOC

York Sample ID: 20A0318-50

York Project (SDG) No.
20A0318

Client Project ID
580 Gerard Ave.

Matrix
Soil

Collection Date/Time
January 6, 2020 3:00 pm

Date Received
01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 08:55	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/14/2020 06:47	01/15/2020 08:55	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/14/2020 06:47	01/15/2020 08:55	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH	01/14/2020 06:47	01/15/2020 08:55	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/14/2020 06:47	01/15/2020 08:55	LLJ

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Soil Boring 13 (3-4feet)-25 VOC

York Sample ID: 20A0318-50

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0318

580 Gerard Ave.

Soil

January 6, 2020 3:00 pm

01/09/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/14/2020 06:47	01/15/2020 08:55	LLJ

Certifications:

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	74.7		%	0.100	1	SM 2540G	01/16/2020 16:41	01/16/2020 16:50	WL

Certifications: CTDOH



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20A0318-02	Soil Boring 6 (6-7feet)-11 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-04	Soil Boring 6 (7-8feet)-12 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-06	Soil Boring 7 (9-10feet)-13 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-08	Soil Boring 7 (10-11feet)-14 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-10	Soil Boring 8 (11-12feet)-15 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-12	Soil Boring 8 (13-14feet)-16 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-14	Soil Boring 9 (15-16feet)-17 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-16	Soil Boring 9 (2-3feet)-18 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-18	Soil Boring 10 (4-5feet)-19 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-20	Soil Boring 10 (6-7feet)-20 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-22	Soil Boring 1 (2-3feet)-1 VOC	40mL Vial with Stir Bar-Cool 4° C
20A0318-24	Soil Boring 2 (4-5feet)-2 VOC	40mL Vial with Stir Bar-Cool 4° C
20A0318-26	Soil Boring 2 (6-7feet)-3 VOC	40mL Vial with Stir Bar-Cool 4° C
20A0318-28	Soil Boring 3 (7-8feet)-4 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-30	Soil Boring 3 (9-10feet)-5 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-32	Soil Boring 3 (11-12feet)-6 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-34	Soil Boring 4 (13-14feet)-7 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-36	Soil Boring 4 (15-16feet)-8 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-38	Soil Boring 5 (2-3feet)-9 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-40	Soil Boring 5 (9-5feet)-10 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-42	Soil Boring 11 (8-9feet)-21 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-44	Soil Boring 11 (10-11feet)-22 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-46	Soil Boring 12 (12-13feet)-23 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-48	Soil Boring 12 (14-15feet)-24 VOC	40mL 01_Clear Vial Cool to 4° C
20A0318-50	Soil Boring 13 (3-4feet)-25 VOC	40mL 01_Clear Vial Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
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).
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-SRD1	The serial dilution for this element was outside control limits.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
S-08	The recovery of this surrogate was outside of QC limits.
M-CRL	The RL check for this element recovered outside of control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.



Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



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Stratford, CT 06615
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YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

20A0318

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Page 1 of 3

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Company:	Address:	Company:	Address:	580 GARDEN AVE		RUSH - Next Day	
Address:	Address:	Address:	Address:	Address:	Address:	580 GARDEN AVE		RUSH - Two Day	
Phone:	Phone:	Phone:	Phone:	Phone:	Phone:			RUSH - Three Day	
Contact:	Contact:	Contact:	Contact:	Contact:	Contact:			RUSH - Four Day	
E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:			Standard (5-7 Day)	
Samples Collected by: Anthony Rizvi		Report / EDD Type (circle selections)		YORK Reg. Comp.		Compared to the following Regulation(s): (please fill in)			
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Matrix Codes		Samples From		YORK Reg. Comp.			
		S - soil / solid		New York		Compared to the following Regulation(s): (please fill in)			
		GW - groundwater		New Jersey		Compared to the following Regulation(s): (please fill in)			
		DW - drinking water		Connecticut		Compared to the following Regulation(s): (please fill in)			
		WW - wastewater		Pennsylvania		Compared to the following Regulation(s): (please fill in)			
		O - Oil		Other		Compared to the following Regulation(s): (please fill in)			
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested			
Soil boring 6 (6-7 feet) - 11		Soil		1-2-20 15:30		TALICL + 30 mg VOC grab			
Soil boring 8 (7-8 feet) - 12				2-3-20 1:00					
Soil boring 7 (9-10 feet) - 13				2-3-20 10:00					
Soil boring 7 (10-11 feet) - 14				2-3-20 11:00					
Soil boring 8 (11-12 feet) - 15				2-3-20 14:00					
Soil boring 8 (13-14 feet) - 16				2-7-20 15:00					
Soil boring 9 (15-16 feet) - 17				7-3-20 16:00					
Soil boring 9 (17-18 feet) - 18				2-6-20 8:00					
Soil boring 10 (19-20 feet) - 19				2-6-20 9:00					
Soil boring 10 (21-22 feet) - 20				2-6-20 10:00					
Comments:		Preservation: (check all that apply)		HCl MeOH HNO3 H2SO4 NaOH ZnAc		Field Filtered Lab to Filter			
		Samples Relinquished by / Company		Date/Time		Date/Time			
Anthony Rizvi		Allie Vioric		1/9/20 9:30		1/9/20			
Samples Received by / Company		Date/Time		Date/Time		Date/Time			
VIRIND/1/20		1-9-20		1-9-20		Temp. Received at Lab			
Samples Relinquished by / Company		Date/Time		Date/Time		Temp. Received at Lab			
		1-9-20		1-9-20		3.7			



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Stratford, CT 06615
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YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

20A0318

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Page 2 of 3

YOUR INFORMATION			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time		
Company:			Company:		Company:				RUSH - Next Day		
Address:			Address:		Address:				RUSH - Two Day		
Phone:			Phone:		Phone:				RUSH - Three Day		
Contact:			Contact:		Contact:				RUSH - Four Day		
E-mail:			E-mail:		E-mail:				Standard (5-7 Day)	☒	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved. Anthony Rivi Samples Collected by: (print your name above and sign below) AR			Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.		
			S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil : Other	New York New Jersey Connecticut Pennsylvania Other	Summary Report QA Report NY ASP A Package NY ASP B Package	CT RCP CT RCP DQ/DUE NJDEP Reduced Deliverables NJDEP SRP HazSite Other:	Standard Excel EDD EQUIS (Standard) NYSDEC EQUIS NJDEP SRP HazSite	Compared to the following Regulation(s): (please fill in)			
Sample Identification			Sample Matrix	Date/Time Sampled	Analysis Requested		Container Description				
Soil boring 1 (2-3 feet) - 1			Soil	12-30-19 9:00	TAL / ICL + 30 lead of PCB VOC		80% Jars 1-9-9042		Vials		
Soil boring 2 (4-5 feet) - 2				12-30-19 10:00							
Soil boring 3 (6-7 feet) - 3				12-30-19 11:00							
Soil boring 4 (7-8 feet) - 4				12-31-19 9:00							
Soil boring 5 (9-10 feet) - 5				12-31-19 10:00							
Soil boring 6 (11-12 feet) - 6				1-2-20 9:00							
Soil boring 7 (13-14 feet) - 7				1-2-20 10:00							
Soil boring 8 (15-16 feet) - 8				1-2-20 11:00							
Soil boring 9 (17-18 feet) - 9				1-2-20 13:00							
Soil boring 10 (19-20 feet) - 10				1-2-20 14:00							
Comments:			Preservation: (check all that apply) HCl ___ MeOH ___ HNO ₃ ___ H ₂ SO ₄ ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___								
Special Instruction			Field Filtered Lab to Filter ___								
Samples Relinquished by / Company			Date/Time	Samples Relinquished by / Company		Date/Time					
Anthony Rivi			1-4-20 9:30	Allie V York		1-9-20					
Samples Received by / Company			Date/Time	Samples Received by / Company		Date/Time					
VHWH/Urban			1-4-20 14:30	VHWH/Urban		1-9-20					
Samples Relinquished by / Company			Date/Time	Samples Received in LAB by		Date/Time	Temp. Received at Lab		Degrees C		
				TC-Philly 1/9/20		1930	3.7				

Field Chain-of-Custody Record

YORK Project No.

8150402

YORK
ANALYTICAL LABORATORIES INC.

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