



CASTLETON

ENVIRONMENTAL

March 26, 2018

188 Second Equities Corp
c/o Joseph Akerman, Meridian Capital
377 Park Avenue South, 3rd Floor
New York, NY 10016
jakerman@meridiancapital.com

**RE: Supplemental Phase II Environmental Site Assessment Report
188 2nd Avenue, New York, New York**

Dear Mr. Akerman:

Please find the attached Supplemental Phase II Environmental Site Assessment Report for the property located 188 2nd Avenue, New York, New York.

Thank you for the opportunity. Please call with any questions or comments.

Very truly yours,
Castleton Environmental Inc.

Frank P. Castellano
Principal



CASTLETON

ENVIRONMENTAL

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Supplemental Phase II Environmental Site Assessment 188 2nd Avenue New York, New York

March 2018



Prepared for: 188 Second Equities Corp
c/o Joseph Akerman, Meridian Capital
377 Park Avenue South, 3rd Floor
New York, NY 10016
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SUPPLEMENTAL PHASE II ENVIRONMENTAL SITE ASSESSMENT
188 2ND AVENUE
NEW YORK, NEW YORK
MARCH 2018
CASTLETON PROJECT NUMBER: SECO1703

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1.0 INTRODUCTION

Castleton Environmental Inc. (Castleton) has prepared the following Supplemental Phase II Environmental Site Assessment (ESA) report to document the findings of the supplemental subsurface investigation performed at 188 2nd Avenue, New York, New York (the site). The investigation was performed based on the findings of Castleton’s Phase II ESA conducted in September 2017 (Appendix A).

The objectives of this investigation were to further evaluate the site and better define subsurface impacts from former on-site dry cleaning operations identified in the September 2017 Phase II ESA.

These objectives were met by conducting supplemental, multi-media subsurface testing which included:

- A soil vapor intrusion (SVI) investigation consisting of the collection and analysis of sub-slab vapor, indoor air, and outdoor air samples, and
- A soil and groundwater investigation consisting of the collection and analysis of soil and groundwater samples to delineate the horizontal and vertical impacts on the site from the former dry cleaning operations.

2.0 SITE BACKGROUND

The site includes a rectangle-shaped parcel that is approximately 4,133-square feet in area. The site is known as Block 453 Lots 8 consists of a six (6) story residential apartment building with basement housing twenty (20) units plus two (2) storefronts. A 2008 Phase I ESA prepared by Environmental Affiliates, Inc. noted that historically, the site was utilized as a residential apartment building since 1903 and previously was undeveloped land. From 1971-1983, the Phase I ESA database search revealed a dry cleaner operated at the site.

Specifically, the Phase I ESA identified the following concern:

- A review of Sanborn Fire Insurance Maps revealed a dry cleaner was operational from 1971-1983 at the site. The remnants of vent stacks, plumbing, and local Sanborn Maps lead EAI to believe that the dry cleaner was located in the basement of what is currently a health food restaurant.

Based upon information provided by others, the scope of work for the Phase II ESA was required to consist of the following:

“Soil borings will be required to confirm that there is no contamination onsite stemming from the former dry cleaning use since the last permanent C of O noted a use as a tailoring store with dry



cleaning use & further detailed restrictions on the type of chemicals to be used and prohibited dry cleaning activities & storage in the basement.”

In September 2017, Castleton performed the Phase II ESA as recommended. The objective of the investigation was to assess soil quality to evaluate the site for potential subsurface impacts from former on-site dry cleaning operations. This objective was met by conducting a subsurface investigation which included evaluation of sub-slab vapor and soil quality.

Prior to the selection of sampling locations, eight vapor screening points were installed within the basement to identify potentially impacted area in the subsurface. Soil borings locations were then selected based on the vapor screening results with borings placed near the highest vapor readings.

The soil investigation included the advancement of four soil borings (SB1 through SB4) through the basement floor by hand. One soil sample was collected from each boring for laboratory analysis.

Chemicals of concern related to dry cleaning solvents including tetrachloroethene (PCE) and its breakdown products, trichloroethene (TCE) and cis-1,2-dichloroethene were reported in the soil samples. TCE and cis-1,2-dichloroethene were reported below Unrestricted Use and Protection Groundwater Soil Cleanup Objectives (SCOs). PCE was reported above Unrestricted Use and Protection of Groundwater SCOs, but below Restricted Residential SCOs in one of the four soil samples analyzed. Other volatile organic compounds (VOCs) were reported as non-detect.

The data set suggested that impacts from chlorinated chemicals commonly used in dry cleaning are present in the subsurface at the site. Based on these findings, Castleton recommended additional investigation to further characterize the nature and extent of the identified conditions.

The Phase II ESA is included as Appendix A.

3.0 SUPPLEMENTAL PHASE II ESA FIELD INVESTIGATION

The objectives of the Supplemental Phase II ESA were to further evaluate the site and delineate subsurface impacts from chlorinated chemicals commonly used in dry cleaning. The following work was completed:

Task	Objective
Vapor Encroachment and Soil Vapor Intrusion Investigation	Assess vapor quality beneath the building slab and indoor air quality to determine if a SVI condition exists.
Groundwater Sampling	Characterize site groundwater quality related to the historic usage of the site.
Soil Delineation Sampling	Characterize site soil to delineate the extent of impacted areas.

Vapor, air, soil, and groundwater sampling was performed on September 28, 2017. Additional soil delineation sampling was completed on November 7, 2017. Sample collection locations are depicted on Figure 2.

3.1 Vapor Encroachment and Soil Vapor Intrusion Investigation

The Vapor Encroachment and SVI investigation included the collection of sub-slab vapor samples from beneath the building slab, indoor air and outdoor air samples on September 28, 2017. The investigation followed the New York State Department of Health (NYSDOH) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006*, where applicable.

Two sub-slab vapor points (SSV01 and SSV02) were installed within the basement adjacent to impacted areas identified during the initial Phase II ESA. Each sub-slab vapor sampling point was installed by drilling a small diameter hole through the floor and installing a temporary sampling implant comprised of dedicated tubing. The sampling implant was sealed to prevent ambient air from contaminating the sub-slab sample.

One indoor air sample (IAQ01) and one outdoor air sample (OAQ01) were collected concurrently with the sub-slab vapor samples to determine if an SVI condition is present.

Vapor and air samples were collected in laboratory supplied 6-liter SUMMA canisters fitted with 2-hour regulators set to a flow rate not to exceed 200 ml/minute.

Samples were submitted to York Analytical Laboratories of Stratford, CT (a NYSDOH ELAP certified laboratory) and analyzed for the presence of VOCs in air by USEPA Method TO-15.

3.2 Soil and Groundwater Investigations

The soil delineation and groundwater investigations included the manual advancement of three soil borings (SB01 through SB03) on September 28 and subsequent delineation borings (SB05 through SB08, SB10, and SB14) on November 7, 2017 through the basement floor. Sampling services were provided by Coastal Environmental Solutions, Inc. of Medford, New York.

Initially, 14 borings (SB01 through SB14) were proposed to delineate subsurface impacts. Based on field observations, soil borings SB04, SB09, and SB11 through SB13 were not advanced.

Soil from soil borings SB01 through SB03, SB05 through SB08, SB10 and SB14 was collected continuously, logged and field screened for the presence of VOCs with a PID. Soil was observed as silty sand with gravel and brick to approximately 3 feet below grade. Silty sand with clay was observed below to approximately 9 feet below surface, the maximum depth of the borings. In SB06 and SB14, no impacted soil was encountered. In soil borings SB05, SB07, SB08, and SB10 impacted soil was encountered from three feet below grade to nine feet below grade with the maximum PID readings ranging from 100.5 parts per million (ppm) to greater than 15,000 ppm in those four borings. Soil boring logs are provided as Appendix B.

A perched water lens was observed in three borings from approximately 3.5 to 6 feet below grade, however, soil deeper than 6 feet below grade was observed to be dry. The groundwater table was not observed in the borings advanced.

The following table describes the soil boring details and samples collected for laboratory analysis:

Boring ID	Boring Depth (feet below surface)	Analytical Sample ID	Sample Matrix	Sample Depth (feet below surface)
SB01	7	GW01	Water	3.5 - 6
SB02	7	SB02 (6-7)	Soil	6-7
SB03	7	NA	NA	NA
SB04	Not Advanced	NA	NA	NA
SB05	9	SB05 (0-2) SB05 (8-9)	Soil	0-2 8-9
SB06	8	SB06 (2-3) SB06 (7-8)	Soil	2-3 7-8
SB07	7	SB07 (1-3) SB07 (6-7)	Soil	1-3 6-7
SB08	9	SB08 (1-3) SB08 (8-9)	Soil	1-3 8-9
SB09	Not Advanced	NA	NA	NA
SB10	7	SB10 (1-3) SB10 (4-5) SB10 (6-7)	Soil	1 - 3 4 - 5 6 - 7
SB11	Not Advanced	NA	NA	NA
SB12	Not Advanced	NA	NA	NA
SB13	Not Advanced	NA	NA	NA
SB14	8	SB14(1-3) SB14 (7-8)	Soil	1 - 3 7 - 8

-NA: Not applicable

Soil samples and groundwater samples were collected for laboratory analysis as described above. Soil and groundwater samples were placed into laboratory supplied glassware and submitted under chain of custody to York Analytical Laboratories of Stratford, CT, a New York State Department of Health (NYSDOH) ELAP certified laboratory and analyzed for VOCs by EPA Method 8260. One soil sample SB10(4-5) was also analyzed for semi-volatile organic compounds (SVOCs) by EPA Method 8270.

4.0 ANALYTICAL RESULTS AND DATA DISCUSSION

The following section details the analytical results and comparisons to regulatory standards. Laboratory analytical results are included as Appendix C.

4.1 Vapor Encroachment and Soil Vapor Intrusion Investigation Analytical Results

4.1.1 Indoor Air Analytical Results

Indoor air quality analytical results were compared to NYSDOH Air Guidance Values (AGVs). According to the NYSDOH guidance, the purpose of the AGVs are to help guide decisions about the nature of efforts to reduce exposure to a chemical. AGVs are applicable to a limited list of compounds including methylene chloride (60 ug/m³), tetrachloroethene (PCE) (30 ug/m³) and trichloroethene (TCE) (2 ug/m³).

Analytical results reported concentrations of methylene chloride below applicable AGVs in indoor air sample IAQ01.

Analytical results reported concentrations of PCE at 330 ug/m³, above applicable AGVs in indoor air sample IAQ01.

Analytical results reported concentrations of TCE at 3.8 ug/m³, above applicable AGVs in indoor air sample IAQ01.

4.1.2 Outdoor Air Analytical Results

Outdoor air quality analytical results were collected to characterize site background conditions. Of particular concern based on the sub-slab concentrations, outdoor air concentrations of TCE were reported at 160 ug/m³, significantly higher than the indoor air and vapor concentrations. This suggests an influence from outdoor air on indoor air quality.

4.1.3 Sub-slab Vapor Analytical Results and Vapor Encroachment Evaluation

NYSDOH decision matrices have been established for PCE, TCE, 1,1-dichloroethene, cis-1,2-dichloroethane, 1,1,1-trichloroethane (1,1,1-TCA), carbon tetrachloride, methylene chloride, and vinyl chloride to assist with the evaluation of sub-slab vapor sampling results.

Matrix A is used for carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, and TCE with a response threshold of 6 micrograms per cubic meter (ug/m³) for sub-slab vapor concentrations. Matrix B is used for methylene chloride, PCE and 1,1,1-TCA with a response threshold of 100 ug/m³ for sub-slab vapor concentrations. Matrix C is used for vinyl chloride with a response threshold of 6 ug/m³ for sub-slab vapor concentrations.

1,1,1-TCA, 1,1-dichloroethene, and vinyl chloride were reported as non-detect in the two sub-slab vapor samples analyzed.

PCE was reported in both sub-slab vapor samples at 180 ug/m³ in SSV01 and 590 ug/m³ in SSV02, above its response threshold of 100 ug/m³.

TCE was reported in both of the sub-slab vapor samples at 4.8 ug/m³ in SSV01 and at 11 ug/m³ in SSV02, above its response threshold of 6 ug/m³.

Cis-1,2-dichloroethane was reported in as non-detect in SSV01 and at 2.2 ug/m³ in SSV02 below its response threshold of 6 ug/m³.

Carbon tetrachloride was reported in as non-detect in SSV01 and at 0.440 ug/m³, below its response threshold of 6 ug/m³.

Methylene chloride was reported in both sub-slab vapor samples at 27 ug/m³ in SSV01 and 3.9 ug/m³ in SSV02, below its response threshold of 100 ug/m³.

The sub-slab vapor concentration for PCE and TCE reported represents a vapor encroachment condition (VEC) suggests that subsurface impacts from the former dry cleaning are present.

4.1.4 Soil Vapor Intrusion Analytical Comparison

Sub-slab vapor and indoor air analytical results were compared to the matrices contained in the NYSDOH guidance.

The reported sub-slab vapor and indoor air analytical concentrations from the sampling event were entered into the applicable NYSDOH matrices. The tables compare the results of the sub-slab vapor samples to that of the indoor air samples. The results of this comparison yield the NYSDOH's recommended action. The table below summarizes the recommended action:

Samples IAQ01 and SSV01

Compound	Indoor Air Concentration	Sub-slab Vapor Concentration	Recommended Action
PCE	330	180	Mitigate
TCE	3.8	4.8	Identify Source(s) and Resample or Mitigate

Samples IAQ01 and SSV02

Compound	Indoor Air Concentration	Sub-slab Vapor Concentration	Recommended Action
PCE	330	590	Mitigate
TCE	3.8	11	Mitigate

The recommended action for PCE and TCE is “Mitigate”. It should be noted that the action to mitigate for TCE is being driven by the indoor air/outdoor air concentrations and not likely indicative of a significant on-site source causing a SVI condition. However, the concentrations of PCE are indicative of an on-site source causing an SVI condition.

The NYSDOH matrices are included in Appendix B.

4.2 Soil Analytical Results

Soil quality analytical results were compared to NYSDEC *Part 375 Soil Cleanup Objectives (SCOs)*. Laboratory analytical report is included as Appendix C.

Soil analytical results reported concentrations SVOCs below unrestricted use SCOs in soil sample SB10(4-5).

Soil analytical results reported concentrations of VOCs below unrestricted use SCOs or as non-detect in soil samples SB05(0-2), SB06(7-8), SB07(1-3), SB08(1-3), SB10(6-7), SB14(1-3), SB14(7-8).

Soil analytical results reported exceedances of VOCs as shown in the table below.

Sample ID	UUSCOs	RU-RRU SCOs	RU-CU SCOs	SB02 (6-7)	SB05 (8-9)	SB06 (2-3)	SB07 (6-7)	SB08 (8-9)	SB10 (1-3)	SB10 (4-5)
Compound										
Acetone	0.05	100	500	4.500 U	3.500 U	0.0770	3.800 U	6 U	0.00820 J	1.700 U
cis-1,2-Dichloroethylene	0.25	100	500	14 D	14 D	0.00670	2.100 JD	7.400 D	0.00250 U	0.850 U
Tetrachloroethylene	1.3	19	150	1,700 DE	4,900 D	3.300 D	2,300 D	3,300 D	1.400 D	1.400 JD
trans-1,2-Dichloroethylene	0.19	100	500	2.200 U	1.700 U	0.00210 U	1.900 U	3 U	0.00250 U	0.850 U
Trichloroethylene	0.47	21	200	38 D	89 D	0.00510	22 D	13 D	0.00490 J	0.850 U
Vinyl Chloride	0.02	0.9	13	2.200 U	1.900 JD	0.00240 J	1.900 U	3 U	0.00250 U	0.850 U

- Results reported in milligrams per kilogram (mg/kg)
- UUSCOs- NYSDEC Part 375 Unrestricted Use SCOs
- RU-RRSCOs - NYSDEC Part 375 Restricted Use-Restricted Residential Use SCOs
- RU-CSCOs - NYSDEC Part 375 Restricted Use-Commercial Use SCOs
- Yellow highlighted text represents exceedances of UUSCOs

As seen above, significant elevated concentrations of PCE were reported in samples below six feet below grade.

Chemicals of concern including PCE and its breakdown products, TCE and cis-1,2-dichloroethene were reported in multiple samples at concentrations exceeding applicable standards. The distribution of the contamination suggests a horizontal areal extent of approximately 500 square feet with a vertical distribution from 6 to at least 9, feet below grade.

4.3 Water Analytical Results

Water analytical results were compared to NYSDEC *Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards (AWQS)*.

Water analytical results reported concentrations of chlorinated VOCs (1,1-dichloroethene, cis-1,2-dichloroethene, PCE, TCE, and vinyl chloride) significantly above AWQS. However, based upon the geology identified in the soil borings, the water sample collected does not represent conditions at the groundwater table and more likely represents an isolated, discontinuous water lens atop a confining layer.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Castleton has prepared this Supplemental Phase II ESA report to document the findings of the limited subsurface investigation performed at 188 2nd Avenue, New York, New York. The investigation was performed based on the historic use of the property for dry cleaning as indicated in the Phase I ESA by Environmental Affiliates Inc. (EAI) dated January 21, 2008.

The objectives of this investigation were to further evaluate the site and better define subsurface impacts from former on-site dry cleaning operations identified in the September 2017 Phase II ESA.

These objectives were met by conducting supplemental, multi-media subsurface testing which included:

- A soil vapor intrusion (SVI) investigation consisting of the collection and analysis of sub-slab vapor, indoor air, and outdoor air samples, and
- A soil and groundwater investigation consisting of the collection and analysis of soil and groundwater samples to delineate the horizontal and vertical impacts on the site from the former dry cleaning operations.

The SVI investigation consisted of the collection of two sub-slab vapor samples, one indoor air sample, and one outdoor air sample. Results of the data set identified the presence of chlorinated VOCs at levels that exceed regulatory guidelines. Based on the testing performed, mitigation is recommended to address the SVI condition.

The soil and groundwater investigation included the advancement of nine soil borings through the basement floor by hand. One water sample was collected from a suspect perched water lens.



Fourteen soil samples were collected for laboratory analysis to assess the vertical and horizontal extent of impacts. Analytical results reported concentrations of PCE and associated breakdown products at concentrations in excess of regulatory standards. The distribution of the contamination suggests a horizontal areal extent of approximately 500 square feet with a vertical distribution from 6 to, at least 9, feet below grade.

Based upon the results of the supplemental investigation, Castleton recommends that a soil vapor extraction/sub-slab depressurization system be installed to mitigate the SVI condition and remediate soil.

6.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that to the best of our knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR and, we have the specific qualifications based on education, training, and experience to perform Phase II Environmental Site Assessments.

Frank P. Castellano
Principal

Jessica Ferngren
Sr. Project Manager

FIGURES

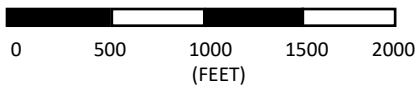
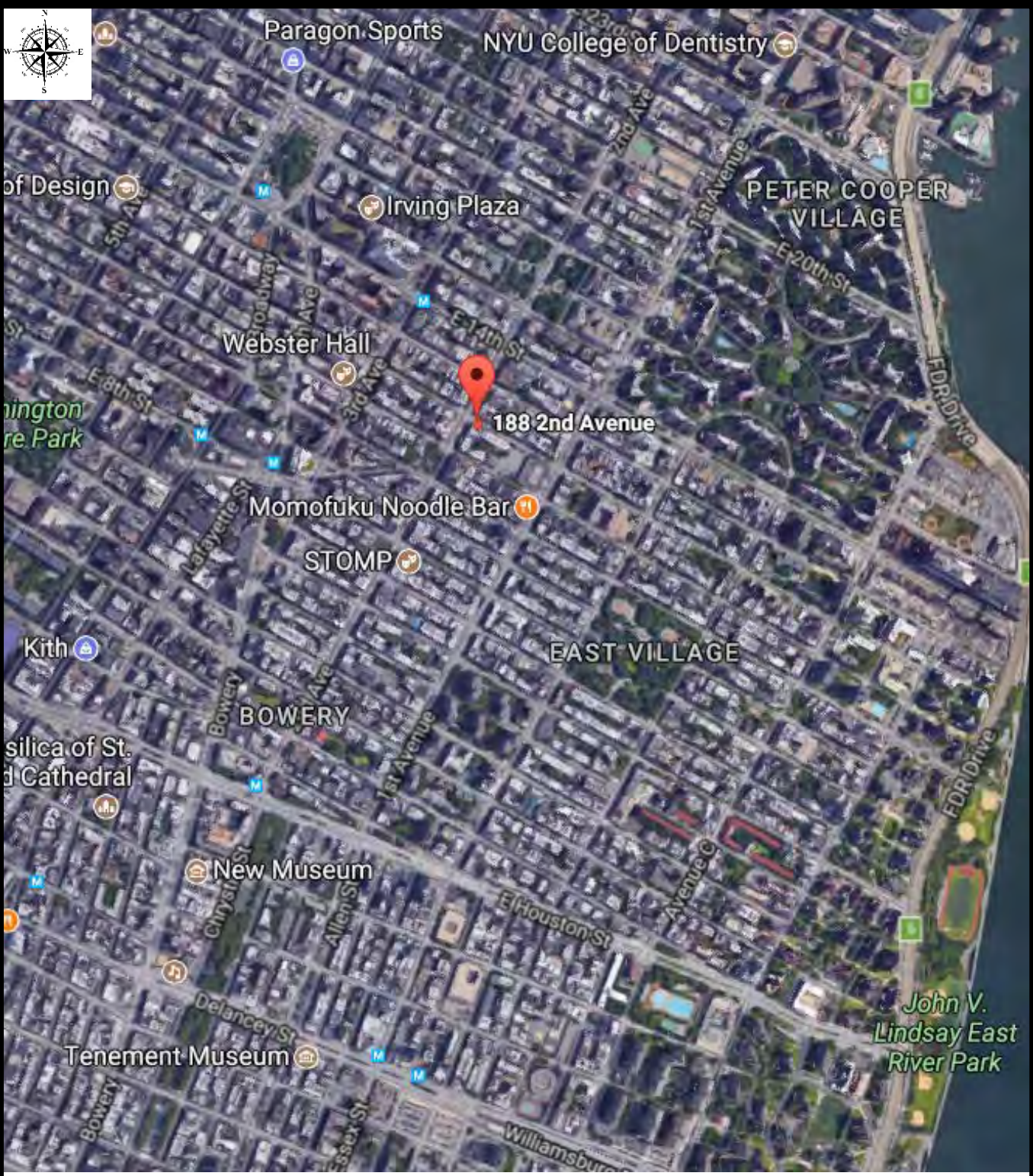


Figure 1 – Vicinity Map

188 2ND AVENUE
NEW YORK, NEW YORK





LEGEND

- Site Boundary
- Completed Soil Boring Location
- Proposed Soil Boring Location

Figure 2 – Site Plan
188 2ND AVENUE
NEW YORK, NEW YORK





APPENDIX A



CASTLETON

ENVIRONMENTAL

September 18, 2017

188 Second Equities Corp
c/o Joseph Akerman, Meridian Capital
377 Park Avenue South, 3rd Floor
New York, NY 10016
jakerman@meridiancapital.com

**RE: Phase II Environmental Site Assessment Report
188 2nd Avenue, New York, New York**

Dear Mr. Akerman:

Please find the attached Phase II Environmental Site Assessment Report for the property located 188 2nd Avenue, New York, New York.

Thank you for the opportunity. Please call with any questions or comments.

Very truly yours,
Castleton Environmental Inc.

Frank P. Castellano
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Phase II Environmental Site Assessment 188 2nd Avenue New York, New York

September 2017



Prepared for: 188 Second Equities Corp
c/o Joseph Akerman, Meridian Capital
377 Park Avenue South, 3rd Floor
New York, NY 10016
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**PHASE II ENVIRONMENTAL SITE ASSESSMENT
188 2ND AVENUE
NEW YORK, NEW YORK
SEPTEMBER 2017
CASTLETON PROJECT NUMBER: SECO1701**

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Figure 1 – Vicinity Map

Figure 2 – Site Plan

Appendices

Appendix A – Laboratory Analytical Summary and Report

1.0 INTRODUCTION

Castleton Environmental Inc. (Castleton) has prepared the following Phase II Environmental Site Assessment (ESA) report to document the findings of the limited subsurface investigation performed at 188 2nd Avenue, New York, New York (the site). The investigation was performed based on the historical usage of the property indicated in the review of the Phase I ESA by Environmental Affiliates Inc. (EAI) dated January 21, 2008.

The objective of this investigation was to assess soil quality to evaluate the site for potential subsurface impacts from former on-site dry cleaning operations.

This objective was met by conducting a subsurface investigation which included evaluation of sub-slab vapor and soil quality.

2.0 SITE BACKGROUND

The site includes a rectangle-shaped parcel that is approximately 4,133-square feet in area. The site is known as Block 453 Lots 8 consists of a six (6) story residential apartment building with basement housing twenty (20) units plus two (2) storefronts. Historically, the site was utilized as a residential apartment building since 1903 and previously was undeveloped land. From 1971-1983, the Phase I ESA database search revealed a dry cleaners at the site.

The Phase I ESA identified the following concern:

- A review of Sanborn Fire Insurance Maps revealed a dry cleaners was operational from 1971-1983 at the site. The remnants of vent stacks, plumbing, and local Sanborn Maps lead EAI to believe that the dry cleaner was located in the basement of what is currently a health food restaurant.

Based upon information provided by others, the scope of work for the Phase II ESA is required to consist of the following:

“Soil borings will be required to confirm that there is no contamination onsite stemming from the former dry cleaning use since the last permanent C of O noted a use as a tailoring store with dry cleaning use & further detailed restrictions on the type of chemicals to be used and prohibited dry cleaning activities & storage in the basement.”

3.0 PHASE II ESA FIELD INVESTIGATION

The objective of the proposed Phase II ESA is to evaluate the site for potential subsurface impacts from the past use of the property as a dry cleaner. The following work was completed:

Task	Objective
Sub-Slab Vapor Screening	Assess vapor quality beneath the building slab to delineate potentially impacted areas related to the historic usage of the site.
Soil Sampling	Characterize site soil quality related to the historic usage of the site.

On-site work was completed on September 12, 2017. Sample collection locations are depicted on Figure 2.

3.1 Vapor Screening

Prior to the selection of sampling locations, eight vapor screening points were installed within the basement to identify potentially impacted areas in the subsurface. The vapors from each point were screened with a photoionization detector (PID) for the presence of volatile organic compounds (VOCs). PID readings ranged from 3.2 parts per million (ppm) to 20 ppm.

Soil borings locations were then selected based on the vapor screening results with borings placed near the highest vapor readings.

3.2 Soil Investigation

The soil investigation included the manual advancement of four soil borings through the basement floor. Soil sampling services were provided by Coastal Environmental Solutions, Inc of Medford, New York.

Soil was collected continuously, logged and field screened for the presence of VOCs with a PID. Soil was observed as silty sand with gravel and brick. No evidence of impacts (i.e. staining, odors, etc.) were observed in the soil samples retrieved. PID readings ranged from 0.0 to 131 ppm in the soil screened. Groundwater was encountered at 3.5 feet below grade.

The following table describes the soil boring details and samples collected for laboratory analysis:

Soil Boring ID	Soil Boring Depth (feet)	Soil Sample ID	PID Reading (ppm)	Soil Sample Depth (feet below grade)
SB1	3.5	SB1	109	3 to 3.5
SB2	4	SB2	131	3 to 3.5

SB3	3.5	SB3	0.3	2 to 3
SB4	2	SB4	1.1	1 to 2

One soil sample was collected each soil boring for laboratory analysis as described above. Soil was placed into laboratory supplied glassware and submitted under chain of custody to American Analytical Laboratories of Farmingdale, New York, a New York State Department of Health (NYSDOH) ELAP certified laboratory and analyzed for VOCs by EPA Method 8260.

4.0 ANALYTICAL RESULTS AND DATA DISCUSSION

Soil quality analytical results were compared to NYSDEC Part 375 Soil Cleanup Objectives (SCOs). Laboratory analytical report is included as Appendix A.

Chemicals of concern related to dry cleaning solvents including tetrachloroethene (PCE) and its breakdown products, trichloroethene (TCE) and cis-1,2-dichloroethene were reported in the samples. TCE and cis-1,2-dichloroethene were reported below Unrestricted Use and Protection Groundwater SCOs. PCE was reported above Unrestricted Use and Protection of Groundwater SCOs, but below Restricted Residential SCOs. All other VOCs were reported as non-detect.

Based on the data set and the presence of shallow groundwater directly below the sample locations, additional investigation is warranted to determine if groundwater impacts exist. Additionally, the presence of these chemicals below the basement slab is a vapor encroachment condition (VEC).

5.0 CONCLUSIONS AND RECOMMENDATIONS

Castleton has prepared this Phase II ESA report to document the findings of the limited subsurface investigation performed at 188 2nd Avenue, New York, New York. The investigation was performed based on the historic use of the property for dry cleaning as indicated in the Phase I ESA by Environmental Affiliates Inc. (EAI) dated January 21, 2008.

The objective of this investigation was to assess soil quality to evaluate the site for potential subsurface impacts from former on-site dry cleaning operations.

This objective was met by conducting a subsurface investigation which included evaluation of sub-slab vapor and soil quality.

Prior to the selection of sampling locations, eight vapor screening points were installed within the basement to identify potentially impacted area in the subsurface. Soil borings locations were then selected based on the vapor screening results with borings placed near the highest vapor readings.

The soil investigation included the advancement of four soil borings through the basement floor by hand. One soil sample was collected from each boring for laboratory analysis.

Chemicals of concern related to dry cleaning solvents including tetrachloroethene (PCE) and its breakdown products, trichloroethene (TCE) and cis-1,2-dichloroethene were reported in the soil samples. TCE and cis-1,2-dichloroethene were reported below Unrestricted Use and Protection Groundwater SCOS. PCE was reported above Unrestricted Use and Protection of Groundwater SCOs, but below Restricted Residential SCOs in one of the four soil samples analyzed. All other VOCs were reported as non-detect.

Based on the data set and the presence of shallow groundwater directly below the sample locations, additional investigation is warranted to determine if groundwater impacts exist. Additionally, the presence of these chemicals below the basement slab is a vapor encroachment condition (VEC). Castleton recommends groundwater and SVI investigations be conducted.

6.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that to the best of our knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR and, we have the specific qualifications based on education, training, and experience to perform Phase II Environmental Site Assessments.



Frank P. Castellano
Principal



Jessica Ferngren
Sr. Project Manager



FIGURES

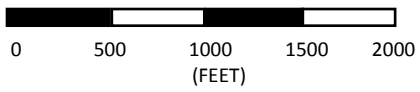
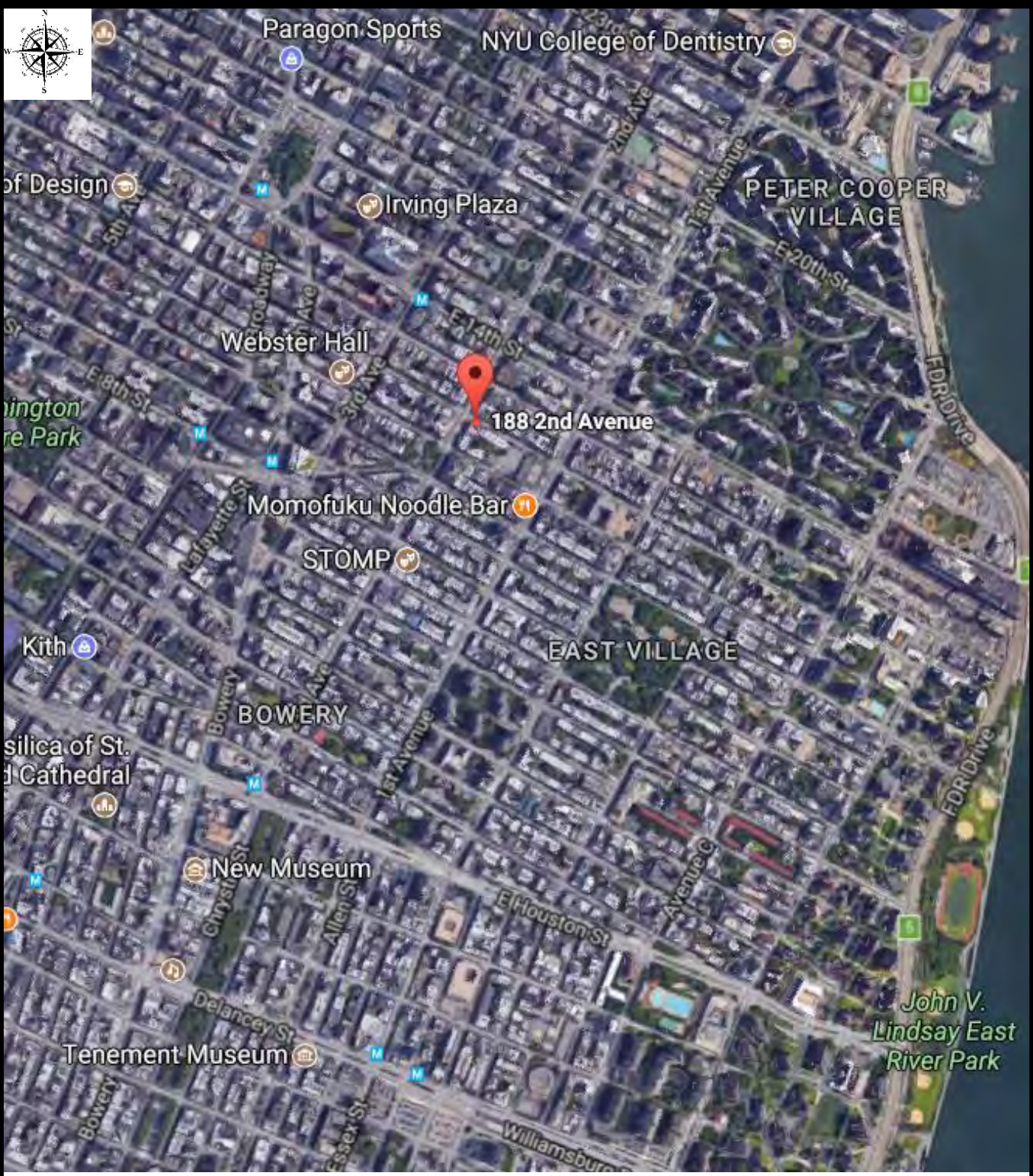
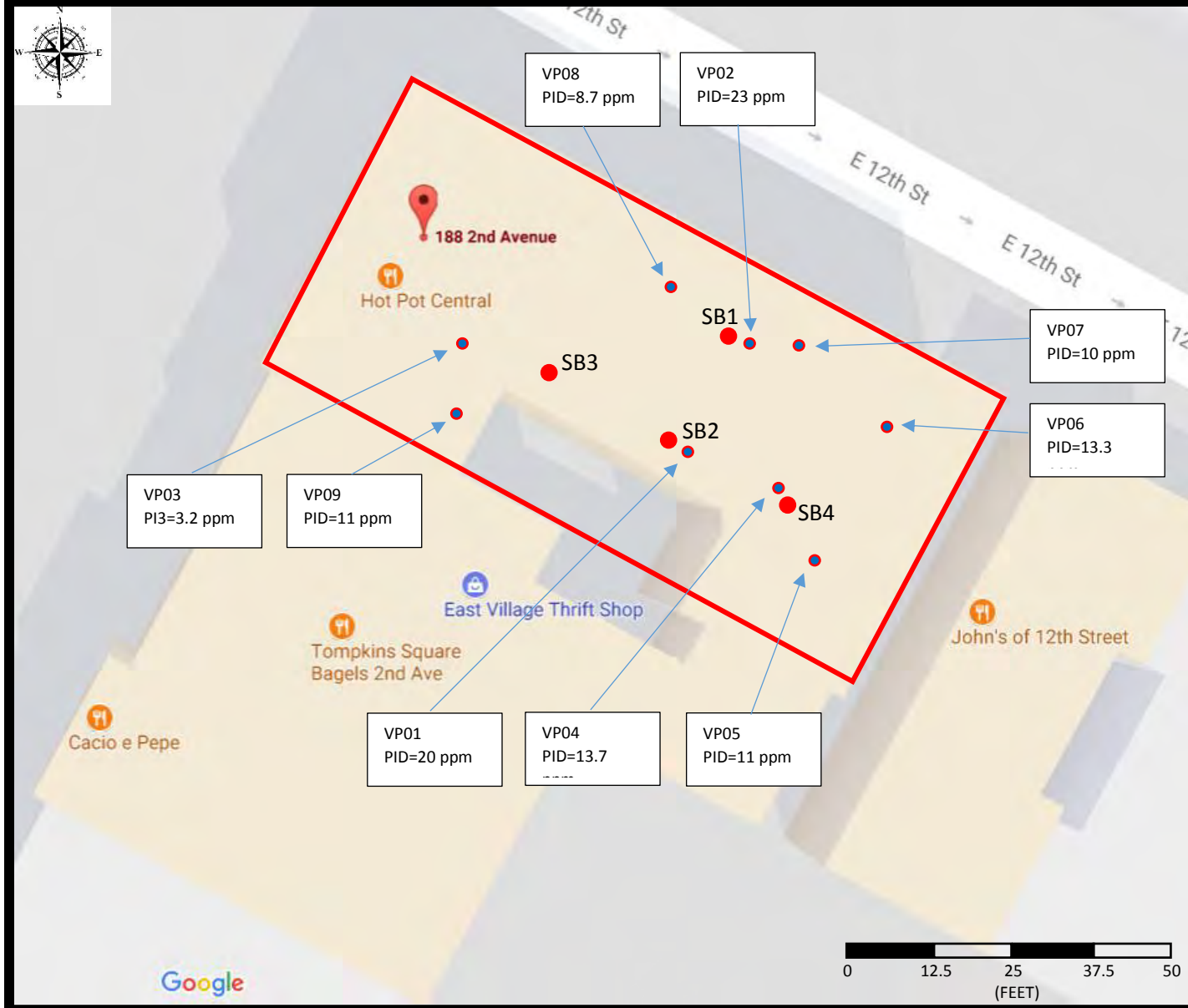


Figure 1 – Vicinity Map

**188 2ND AVENUE
NEW YORK, NEW YORK**





- LEGEND**
- Site Boundary
 - Vapor Screening Point
 - Soil Boring Location

Figure 2 – Site Plan
188 2ND AVENUE
NEW YORK, NEW YORK





APPENDIX A

Project: SECO1701, 188 2nd Ave, New York, NY
ANALYTICAL HIT SUMMARY

Client Sample ID:		Part 375 UUSCOs	Part 375 POGSCOs	Part 375 RRSCOs	SB1 1709066-001	SB2 1709066-002	SB3 1709066-003	SB4 1709066-004
Laboratory ID:					09/12/2017	09/12/2017	09/12/2017	09/12/2017
Sampling Date:					Q	Q	Q	Q
Analyte:	Units:							
Percent Moisture	wt%				12.2	13.1	13.1	14.0
cis-1,2-Dichloroethene	PPB	250	250	100000	3.3 J	2.7 J	1.9 J	1.1 U
Tetrachloroethene	PPB	1300	1300	19000	510 D	5200 D	350	4.2 J
Trichloroethene	PPB	470	470	21000	17	7.6	4.9	1.1 U

Part 375 UUSCOs - NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Part 375 POGSCOs - NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives

Part 375 RRSCOs - NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives

PPB - parts per billion

J - estimated value

D - diluted value

Q - qualifier



American Analytical Laboratories, LLC.
56 Toledo Street
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Website: www.American-Analytical.com

September 18, 2017

Jessica Ferngren
Castleton Environmental Inc.
54 George Street
Babylon Village, NY 11702
TEL: (631) 482-1818
FAX (631) 482-9042

RE: SECO1701, 188 2nd Ave, New York, NY

Order No.: 1709066

Dear Jessica Ferngren:

American Analytical Laboratories, LLC. received 4 sample(s) on 9/12/2017 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.



American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1709066**
18-Sep-17

CLIENT: Castleton Environmental Inc.
Project: SECO1701, 188 2nd Ave, New York, NY

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1709066-001A	SB1		9/12/2017 10:30:00 AM	9/12/2017 3:20:00 PM	Soil
1709066-002A	SB2		9/12/2017 11:10:00 AM	9/12/2017 3:20:00 PM	Soil
1709066-003A	SB3		9/12/2017 11:46:00 AM	9/12/2017 3:20:00 PM	Soil
1709066-004A	SB4		9/12/2017 12:20:00 PM	9/12/2017 3:20:00 PM	Soil

Original



CHAIN OF CUSTODY

56 Toledo Street, Farmingdale NY 11735
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 www.american-analytical.com

CERTIFICATIONS
 NY ELAP - 11418 PA DEP - 68-00573
 NJ DEP - NY050 CT DOH - PH-0205

Client Information		Project Information	
Company Name	Castleton Environmental	Project Name	SECO1701
Address	54 George St	Street	188 2nd Ave
City	Babylon	City	NY
State	NY	State	NY
Zip	11702	Zip	
Project Contact	Jessica Ferngren	Project #	SECO1701
Phone #	631-482-1818	Sampler's Name / Company	Moë Kamin / Castleton
E-mail	Jessica.f@castletonenv.com	Sampler's Signature	<i>[Signature]</i>

LAB SAMPLE # (LAB USE ONLY)	Sample Information			Sample Collection		Sample Containers									
	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	DI	HO	HNO	H ₂ SO ₄	NaHSO ₄	MeOH	OTHER
1709066-001A	SB1		S	9/12/17	10:30am		4								
002A	SB2		S		11:10am										
003A	SB3		S		11:46										
004A	SB4		S		12:20pm										

Turnaround Time (Business Days)	Standard	3 Day RUSH
<input checked="" type="checkbox"/>	7-10 Business Days	2 Day RUSH
<input type="checkbox"/>	5 Day RUSH	1 Day RUSH
<input type="checkbox"/>	4 Day RUSH	

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.	RECEIVED BY LAB (SIGNATURE)		DATE	TIME
	<i>[Signature]</i>		9/12/17	15:20
	PRINTED NAME		DATE	TIME
	Moë Kamin		9/12/17	15:20
	RECEIVED BY LAB (SIGNATURE)		DATE	TIME
	<i>[Signature]</i>		9/12/17	15:20
	PRINTED NAME		DATE	TIME
	Moë Kamin		9/12/17	15:20

MATRIX CODES	L = Liquid	PC = Paint Chip
	S = Soil	SL = Sludge
	O = Oil	SD = Solid
	W = Wipe	M = Miscellaneous
Comments / Remarks	5035A VOC KITS	
Cooler Temp:	40e	

8260 VOC XXXX



American Analytical Laboratories, LLC.
 56 Toledo Street
 Farmingdale, New York 11735
 TEL: (631) 454-6100 FAX: (631) 454-8027
 Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **CASTLETON ENV** Work Order Number: **1709066** RcptNo: **1**

Logged by:	Jenny Mullady	9/12/2017 3:20:00 PM	<i>Jenny Mullady</i>
Completed By:	Jenny Mullady	9/12/2017	<i>Jenny Mullady</i>
Reviewed By:	Karen Kelly	9/12/2017	<i>Karen Kelly</i>

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
 2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
 4. Shipping container/cooler in good condition? Yes No
 Custody seals intact on shipping container/cooler? Yes No Not Present
 No. Seal Date: Signed By:
 5. Was an attempt made to cool the samples? Yes No NA
 6. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
 7. Sample(s) in proper container(s)? Yes No
 8. Sufficient sample volume for indicated test(s)? Yes No
 9. Are samples (except VOA and ONG) properly preserved? Yes No
 10. Was preservative added to bottles? Yes No NA
 11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes No No VOA Vials
 12. Were any sample containers received broken? Yes No
 13. Does paperwork match bottle labels? Yes No
 (Note discrepancies on chain of custody)
 14. Are matrices correctly identified on Chain of Custody? Yes No
 15. Is it clear what analyses were requested? Yes No
 16. Were all holding times able to be met? Yes No
 (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
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Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Case Narrative

WO#: 1709066
Date: 9/18/2017

CLIENT: Castleton Environmental Inc.
Project: SECO1701, 188 2nd Ave, New York, NY

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion of this report.

Soil sample results analyzed for Volatile Organics were collected according to the 5035A Method. Volatile LCS are analyzed with preservatives - HCL/NaHSO₄/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, pH in non-potable water and temperature at which pH is measured, SM 4500-SO₃ B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTM C1152, Water Soluble Chloride by ASTM C1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid and Reactivity to Sulfide and Reactivity to Cyanide.

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

Original



American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Definition Only

WO#: 1709066
Date: 9/18/2017

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports

ND - Not detected at the reporting limit/Limit of Quantitation

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <5x the blank value as artifact.

E - The value is above the quantitation range

D - Analyte concentration was obtained from diluted analysis or from analysis using reduced sample volume.

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accuracy.

PQL - Practical Quantitation Limit; the lowest level that can be reliably achieved within the specific limits of Precision and accuracy. Listed on the QC Summary Forms.

m - Analyte was manually integrated for GC/MS.

+ - Concentration exceeds regulatory level for TCLP

Original

ELAP ID : 11418

CLIENT:	Castleton Environmental Inc.	Client Sample ID:	SB1
Lab Order:	1709066	Collection Date:	9/12/2017 10:30:00 AM
Project:	SECO1701, 188 2nd Ave, New York, NY	Matrix:	SOIL
Lab ID:	1709066-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			D2216				Analyst: KK
Percent Moisture	12.2	0	1.00		wt%	1	9/14/2017 9:21:58 AM
VOLATILE SW-846 METHOD 8260			SW8260C		SW5035A		Analyst: KSS
1,1,1,2-Tetrachloroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,1,1-Trichloroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,1,2,2-Tetrachloroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,1,2-Trichloroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,1-Dichloroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,1-Dichloroethene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,1-Dichloropropene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2,3-Trichlorobenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2,3-Trichloropropane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2,4,5-Tetramethylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2,4-Trichlorobenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2,4-Trimethylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2-Dibromo-3-chloropropane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2-Dibromoethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2-Dichlorobenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2-Dichloroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,2-Dichloropropane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,3,5-Trimethylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,3-Dichlorobenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,3-dichloropropane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,4-Dichlorobenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
1,4-Dioxane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
2,2-Dichloropropane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
2-Butanone	ND	3.9	7.8	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
2-Chloroethyl vinyl ether	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
2-Chlorotoluene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
2-Hexanone	ND	3.9	7.8	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
2-Propanol	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
4-Chlorotoluene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735
 Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com



Original

ELAP ID : 11418

CLIENT:	Castleton Environmental Inc.	Client Sample ID:	SB1
Lab Order:	1709066	Collection Date:	9/12/2017 10:30:00 AM
Project:	SECO1701, 188 2nd Ave, New York, NY	Matrix:	SOIL
Lab ID:	1709066-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			SW8260C		SW5035A		Analyst: KSS
4-Isopropyltoluene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
4-Methyl-2-pentanone	ND	3.9	7.8	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Acetone	ND	3.9	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Benzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Bromobenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Bromochloromethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Bromodichloromethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Bromoform	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Bromomethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Carbon disulfide	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Carbon tetrachloride	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Chlorobenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Chlorodifluoromethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Chloroethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Chloroform	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Chloromethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
cis-1,2-Dichloroethene	3.3	0.78	3.9	J	µg/Kg-dry	1	9/13/2017 2:56:00 PM
cis-1,3-Dichloropropene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Cyclohexane	ND	1.6	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Dibromochloromethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Dibromomethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Dichlorodifluoromethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Diisopropyl ether	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Ethanol	ND	7.8	16	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Ethylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Freon-114	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Hexachlorobutadiene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Isopropylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
m,p-Xylene	ND	1.6	7.8	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Methyl Acetate	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Methyl tert-butyl ether	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Methylene chloride	ND	3.9	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
n-Butylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM

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Original

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.
Lab Order: 1709066
Project: SECO1701, 188 2nd Ave, New York, NY
Lab ID: 1709066-001A

Client Sample ID: SB1
Collection Date: 9/12/2017 10:30:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260							
			SW8260C		SW5035A		Analyst: KSS
n-Propylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Naphthalene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
o-Xylene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
p-Diethylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
p-Ethyltoluene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
sec-Butylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Styrene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
t-Butyl alcohol	ND	1.9	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
tert-Butylbenzene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Tetrachloroethene	510	53	270	D	µg/Kg-dry	50	9/16/2017 12:09:00 AM
Toluene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
trans-1,2-Dichloroethene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
trans-1,3-Dichloropropene	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Trichloroethene	17	0.78	3.9		µg/Kg-dry	1	9/13/2017 2:56:00 PM
Trichlorofluoromethane	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Vinyl acetate	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Vinyl chloride	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Xylenes, Total	ND	2.3	7.8	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Acrolein	ND	9.7	19	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM
Acrylonitrile	ND	0.78	3.9	U	µg/Kg-dry	1	9/13/2017 2:56:00 PM



ELAP ID : 11418

CLIENT: Castleton Environmental Inc.	Client Sample ID: SB2
Lab Order: 1709066	Collection Date: 9/12/2017 11:10:00 AM
Project: SECO1701, 188 2nd Ave, New York, NY	Matrix: SOIL
Lab ID: 1709066-002A	

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			D2216				Analyst: KK
Percent Moisture	13.1	0	1.00		wt%	1	9/14/2017 9:21:58 AM
VOLATILE SW-846 METHOD 8260			SW8260C		SW5035A		Analyst: KSS
1,1,1,2-Tetrachloroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,1,1-Trichloroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,1,2,2-Tetrachloroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,1,2-Trichloroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,1-Dichloroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,1-Dichloroethene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,1-Dichloropropene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2,3-Trichlorobenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2,3-Trichloropropane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2,4,5-Tetramethylbenzene	2.2	0.84	4.2	J	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2,4-Trichlorobenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2,4-Trimethylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2-Dibromo-3-chloropropane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2-Dibromoethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2-Dichlorobenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2-Dichloroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,2-Dichloropropane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,3,5-Trimethylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,3-Dichlorobenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,3-dichloropropane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,4-Dichlorobenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
1,4-Dioxane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
2,2-Dichloropropane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
2-Butanone	ND	4.2	8.4	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
2-Chloroethyl vinyl ether	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
2-Chlorotoluene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
2-Hexanone	ND	4.2	8.4	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
2-Propanol	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
4-Chlorotoluene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM

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Original

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.	Client Sample ID: SB2
Lab Order: 1709066	Collection Date: 9/12/2017 11:10:00 AM
Project: SECO1701, 188 2nd Ave, New York, NY	Matrix: SOIL
Lab ID: 1709066-002A	

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			SW8260C	SW5035A			Analyst: KSS
4-Isopropyltoluene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
4-Methyl-2-pentanone	ND	4.2	8.4	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Acetone	ND	4.2	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Benzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Bromobenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Bromochloromethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Bromodichloromethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Bromoform	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Bromomethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Carbon disulfide	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Carbon tetrachloride	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Chlorobenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Chlorodifluoromethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Chloroethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Chloroform	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Chloromethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
cis-1,2-Dichloroethene	2.7	0.84	4.2	J	µg/Kg-dry	1	9/13/2017 3:28:00 PM
cis-1,3-Dichloropropene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Cyclohexane	ND	1.7	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Dibromochloromethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Dibromomethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Dichlorodifluoromethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Diisopropyl ether	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Ethanol	ND	8.4	17	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Ethylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Freon-114	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Hexachlorobutadiene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Isopropylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
m,p-Xylene	ND	1.7	8.4	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Methyl Acetate	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Methyl tert-butyl ether	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Methylene chloride	ND	4.2	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
n-Butylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM

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Original

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.
Lab Order: 1709066
Project: SECO1701, 188 2nd Ave, New York, NY
Lab ID: 1709066-002A

Client Sample ID: SB2
Collection Date: 9/12/2017 11:10:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260							
			SW8260C		SW5035A		Analyst: KSS
n-Propylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Naphthalene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
o-Xylene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
p-Diethylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
p-Ethyltoluene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
sec-Butylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Styrene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
t-Butyl alcohol	ND	2.1	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
tert-Butylbenzene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Tetrachloroethene	5200	49	250	D	µg/Kg-dry	50	9/16/2017 12:39:00 AM
Toluene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
trans-1,2-Dichloroethene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
trans-1,3-Dichloropropene	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Trichloroethene	7.6	0.84	4.2		µg/Kg-dry	1	9/13/2017 3:28:00 PM
Trichlorofluoromethane	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Vinyl acetate	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Vinyl chloride	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Xylenes, Total	ND	2.5	8.4	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Acrolein	ND	10	21	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM
Acrylonitrile	ND	0.84	4.2	U	µg/Kg-dry	1	9/13/2017 3:28:00 PM



ELAP ID : 11418

CLIENT: Castleton Environmental Inc.	Client Sample ID: SB3
Lab Order: 1709066	Collection Date: 9/12/2017 11:46:00 AM
Project: SECO1701, 188 2nd Ave, New York, NY	Matrix: SOIL
Lab ID: 1709066-003A	

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			D2216				Analyst: KK
Percent Moisture	13.1	0	1.00		wt%	1	9/14/2017 9:21:58 AM
VOLATILE SW-846 METHOD 8260			SW8260C		SW5035A		Analyst: KSS
1,1,1,2-Tetrachloroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,1,1-Trichloroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,1,2,2-Tetrachloroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,1,2-Trichloroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,1-Dichloroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,1-Dichloroethene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,1-Dichloropropene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2,3-Trichlorobenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2,3-Trichloropropane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2,4,5-Tetramethylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2,4-Trichlorobenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2,4-Trimethylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2-Dibromo-3-chloropropane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2-Dibromoethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2-Dichlorobenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2-Dichloroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,2-Dichloropropane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,3,5-Trimethylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,3-Dichlorobenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,3-dichloropropane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,4-Dichlorobenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
1,4-Dioxane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
2,2-Dichloropropane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
2-Butanone	ND	4.1	8.3	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
2-Chloroethyl vinyl ether	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
2-Chlorotoluene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
2-Hexanone	ND	4.1	8.3	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
2-Propanol	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
4-Chlorotoluene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM

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Original

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.	Client Sample ID: SB3
Lab Order: 1709066	Collection Date: 9/12/2017 11:46:00 AM
Project: SECO1701, 188 2nd Ave, New York, NY	Matrix: SOIL
Lab ID: 1709066-003A	

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			SW8260C		SW5035A		Analyst: KSS
4-Isopropyltoluene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
4-Methyl-2-pentanone	ND	4.1	8.3	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Acetone	ND	4.1	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Benzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Bromobenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Bromochloromethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Bromodichloromethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Bromoform	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Bromomethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Carbon disulfide	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Carbon tetrachloride	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Chlorobenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Chlorodifluoromethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Chloroethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Chloroform	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Chloromethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
cis-1,2-Dichloroethene	1.9	0.83	4.1	J	µg/Kg-dry	1	9/13/2017 4:00:00 PM
cis-1,3-Dichloropropene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Cyclohexane	ND	1.7	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Dibromochloromethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Dibromomethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Dichlorodifluoromethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Diisopropyl ether	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Ethanol	ND	8.3	17	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Ethylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Freon-114	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Hexachlorobutadiene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Isopropylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
m,p-Xylene	ND	1.7	8.3	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Methyl Acetate	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Methyl tert-butyl ether	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Methylene chloride	ND	4.1	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
n-Butylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM

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Original

American Analytical Laboratories, LLC.

Date: 18-Sep-17

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.
Lab Order: 1709066
Project: SECO1701, 188 2nd Ave, New York, NY
Lab ID: 1709066-003A

Client Sample ID: SB3
Collection Date: 9/12/2017 11:46:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260							
			SW8260C		SW5035A		Analyst: KSS
n-Propylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Naphthalene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
o-Xylene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
p-Diethylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
p-Ethyltoluene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
sec-Butylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Styrene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
t-Butyl alcohol	ND	2.1	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
tert-Butylbenzene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Tetrachloroethene	350	0.83	4.1		µg/Kg-dry	1	9/13/2017 4:00:00 PM
Toluene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
trans-1,2-Dichloroethene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
trans-1,3-Dichloropropene	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Trichloroethene	4.9	0.83	4.1		µg/Kg-dry	1	9/13/2017 4:00:00 PM
Trichlorofluoromethane	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Vinyl acetate	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Vinyl chloride	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Xylenes, Total	ND	2.5	8.3	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Acrolein	ND	10	21	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM
Acrylonitrile	ND	0.83	4.1	U	µg/Kg-dry	1	9/13/2017 4:00:00 PM

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Original

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.	Client Sample ID: SB4
Lab Order: 1709066	Collection Date: 9/12/2017 12:20:00 PM
Project: SECO1701, 188 2nd Ave, New York, NY	Matrix: SOIL
Lab ID: 1709066-004A	

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			D2216				Analyst: KK
Percent Moisture	14.0	0	1.00		wt%	1	9/14/2017 9:21:58 AM
VOLATILE SW-846 METHOD 8260			SW8260C		SW5035A		Analyst: KSS
1,1,1,2-Tetrachloroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,1,1-Trichloroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,1,2,2-Tetrachloroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,1,2-Trichloroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,1-Dichloroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,1-Dichloroethene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,1-Dichloropropene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2,3-Trichlorobenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2,3-Trichloropropane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2,4,5-Tetramethylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2,4-Trichlorobenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2,4-Trimethylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2-Dibromo-3-chloropropane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2-Dibromoethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2-Dichlorobenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2-Dichloroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,2-Dichloropropane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,3,5-Trimethylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,3-Dichlorobenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,3-dichloropropane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,4-Dichlorobenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
1,4-Dioxane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
2,2-Dichloropropane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
2-Butanone	ND	5.5	11	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
2-Chloroethyl vinyl ether	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
2-Chlorotoluene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
2-Hexanone	ND	5.5	11	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
2-Propanol	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
4-Chlorotoluene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM

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Original

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.	Client Sample ID: SB4
Lab Order: 1709066	Collection Date: 9/12/2017 12:20:00 PM
Project: SECO1701, 188 2nd Ave, New York, NY	Matrix: SOIL
Lab ID: 1709066-004A	

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			SW8260C		SW5035A		Analyst: KSS
4-Isopropyltoluene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
4-Methyl-2-pentanone	ND	5.5	11	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Acetone	ND	5.5	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Benzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Bromobenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Bromochloromethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Bromodichloromethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Bromoform	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Bromomethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Carbon disulfide	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Carbon tetrachloride	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Chlorobenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Chlorodifluoromethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Chloroethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Chloroform	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Chloromethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
cis-1,2-Dichloroethene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
cis-1,3-Dichloropropene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Cyclohexane	ND	2.2	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Dibromochloromethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Dibromomethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Dichlorodifluoromethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Diisopropyl ether	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Ethanol	ND	11	22	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Ethylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Freon-114	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Hexachlorobutadiene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Isopropylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
m,p-Xylene	ND	2.2	11	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Methyl Acetate	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Methyl tert-butyl ether	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Methylene chloride	ND	5.5	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
n-Butylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM

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Original

American Analytical Laboratories, LLC.

Date: 18-Sep-17

ELAP ID : 11418

CLIENT: Castleton Environmental Inc.
Lab Order: 1709066
Project: SECO1701, 188 2nd Ave, New York, NY
Lab ID: 1709066-004A

Client Sample ID: SB4
Collection Date: 9/12/2017 12:20:00 PM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260							
			SW8260C		SW5035A		Analyst: KSS
n-Propylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Naphthalene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
o-Xylene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
p-Diethylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
p-Ethyltoluene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
sec-Butylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Styrene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
t-Butyl alcohol	ND	2.8	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
tert-Butylbenzene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Tetrachloroethene	4.2	1.1	5.5	J	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Toluene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
trans-1,2-Dichloroethene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
trans-1,3-Dichloropropene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Trichloroethene	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Trichlorofluoromethane	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Vinyl acetate	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Vinyl chloride	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Xylenes, Total	ND	3.3	11	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Acrolein	ND	14	28	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM
Acrylonitrile	ND	1.1	5.5	U	µg/Kg-dry	1	9/13/2017 4:31:00 PM

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Original



APPENDIX B



Boring # SB01	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1702			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom Fitzpatrick			
Borehole diameter/drill bit type:	total depth	7 ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 9:30		DATE: 9/28/2017	
COMPLETION TIME: 9:45		DATE: 9/28/2017	
BACKFILL TIME: 9:45		DATE: 9/28/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	1	Concrete Brown Silty Fine SAND, trace gravel	PID = NA	
1-2 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
2-3 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
3-4 ft	1	1	Brown Silty Fine SAND, trace gravel, wet @ 3.5' (perched water)	PID = NA.	
4-5 ft	1	1	Brown Silty Fine SAND, trace gravel, wet (perched water)	PID = NA.	
5-6 ft	1	1	Brown Silty Fine SAND, trace gravel, wet (perched water)	PID = NA.	
6-7 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	



Locations are approximate

Boring # SB02	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1702			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom Fitzpatrick			
Borehole diameter/drill bit type:	total depth	7 ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 9:45		DATE: 9/28/2017	
COMPLETION TIME: 10:00		DATE: 9/28/2017	
BACKFILL TIME: 10:00		DATE: 9/28/2017	

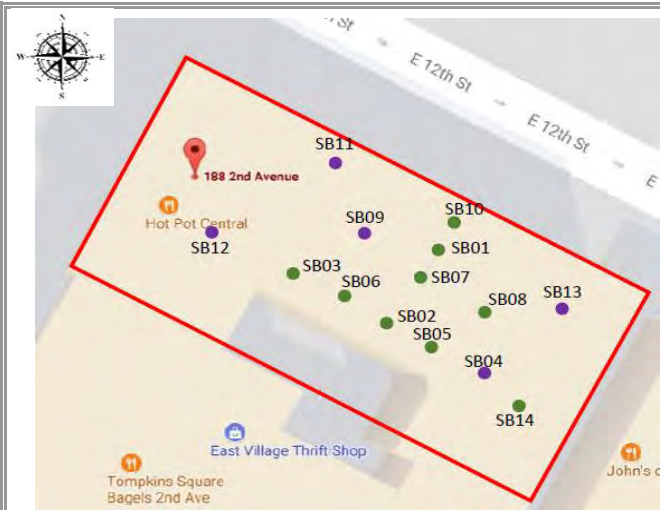
Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA
					Screen depth: NA
0-1 ft	1	1	Concrete Brown Silty Fine SAND, trace gravel	PID = NA.	
1-2 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
2-3 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
3-4 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
4-5 ft	1	1	Brown Silty Fine SAND, trace gravel, wet @ 4' (perched water)	PID = NA.	
5-6 ft	1	1	Brown Silty Fine SAND, trace gravel, wet (perched water)	PID = NA.	
6-7 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	



Boring # SB03	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1702			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom Fitzpatrick			
Borehole diameter/drill bit type:	total depth	7 ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 10:00		DATE: 9/28/2017	
COMPLETION TIME: 10:15		DATE: 9/28/2017	
BACKFILL TIME: 10:15		DATE: 9/28/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	1	Concrete Brown Silty Fine SAND, trace gravel	PID = NA.	
1-2 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
2-3 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
3-4 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	
4-5 ft	1	1	Brown Silty Fine SAND, trace gravel, wet @ 4' (perched water)	PID = NA.	
5-6 ft	1	1	Brown Silty Fine SAND, trace gravel, wet (perched water)	PID = NA.	
6-7 ft	1	1	Brown Silty Fine SAND, trace gravel	PID = NA.	



Locations are approximate

Boring # SB09	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:		total depth	NA ft
Macrocore (2" diameter)		elevation	NA
HAMMER WT: NA		DROP: NA	
START TIME: NA		DATE: 9/28/2017	
COMPLETION TIME: NA		DATE: 9/28/2017	
BACKFILL TIME: NA		DATE: 9/28/2017	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
NA	NA	NA	Boring not installed	NA	



Boring # SB05	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type: Macrocore (2" diameter)	total depth	9 ft	
	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 9:10		DATE: 11/7/2017	
COMPLETION TIME: 9:40		DATE: 11/7/2017	
BACKFILL TIME: 13:30		DATE: 11/7/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	NA	Concrete Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm.	
1-2 ft	1	NA	Brown Silty fine SAND, trace gravel and brick	PID = 0.0 ppm	
2-3 ft	1	NA	Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm.	
3-4 ft	1	NA	Gray Silty SAND, some clay	PID = 67.5 ppm.	
4-5 ft	1	NA	Gray Silty SAND, some clay	PID = 431.2 ppm.	
5-6 ft	1	NA	Gray Silty SAND, some clay	PID = 33.3 ppm.	
6-7 ft	1	NA	Gray Silty SAND, some clay	PID = >15,000 ppm.	
7-8 ft	1	NA	Gray Silty SAND, some clay	PID = >15,000 ppm.	
8-9 ft	1	NA	Gray Silty SAND, some clay	PID = >15,000 ppm.	



Boring # SB06	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type: Macrocore (2" diameter)	total depth	8 ft	
	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 10:00		DATE: 11/7/2017	
COMPLETION TIME: 10:50		DATE: 11/7/2017	
BACKFILL TIME: 13:30		DATE: 11/7/2017	

Locations are approximate

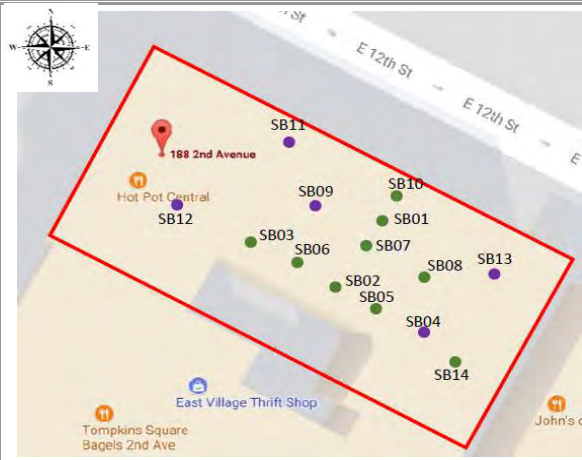
Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	NA	Concrete Brown Silty fine SAND, trace gravel and brick	PID = 0.0 ppm.	
1-2 ft	1	NA	Brown Silty fine SAND, trace gravel and brick	PID = 0.0 ppm	
2-3 ft	1	NA	Brown Silty fine SAND, trace gravel and brick	PID = 0.0 ppm.	
3-4 ft	1	NA	Gray Silty SAND, some clay	PID = 6.8 ppm.	
4-5 ft	1	NA	Gray Silty SAND, some clay	PID = 5.9 ppm.	
5-6 ft	1	NA	Gray Silty SAND, some clay	PID = 7.1 ppm.	
6-7 ft	1	NA	Gray Silty SAND, some clay	PID = 2.7 ppm.	
7-8 ft	1	NA	Gray Silty SAND, some clay	PID = 1.8 ppm.	



Boring # SB07	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:	total depth	7 ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 11:15		DATE: 11/7/2017	
COMPLETION TIME: 12:00		DATE: 11/7/2017	
BACKFILL TIME: 13:30		DATE: 11/7/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	NA	Concrete Brown Silty Fine SAND, trace gravel and brick		
1-2 ft	1	NA	Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm	
2-3 ft	1	NA	Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm.	
3-4 ft	1	NA	Gray Silty SAND, some clay	PID = 630.4 ppm.	
4-5 ft	1	NA	Gray Silty SAND, some clay	PID = 3,510 ppm.	
5-6 ft	1	NA	Gray Silty SAND, some clay	PID = >15,000 ppm.	
6-7 ft	1	NA	Gray Silty SAND, some clay, wet @ 6'	PID = >15,000 ppm.	



Boring # SB08	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type: Macrocore (2" diameter)	total depth	9 ft	
	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 13:00		DATE: 11/7/2017	
COMPLETION TIME: 13:30		DATE: 11/7/2017	
BACKFILL TIME: 13:30		DATE: 11/7/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	NA	Concrete Brown Silty Fine SAND	PID = 7.5 ppm.	
1-2 ft	1	NA	Brown Silty Fine SAND	PID = 9.3 ppm	
2-3 ft	1	NA	Brown Silty Fine SAND	PID = 6.8 ppm.	
3-4 ft	1	NA	Brown Silty Fine SAND	PID = 6.9 ppm.	
4-5 ft	1	NA	Brown Silty Fine SAND	PID = 5.6 ppm.	
5-6 ft	1	NA	Grey Silty Fine SAND	PID = 12.1 ppm.	
6-7 ft	1	NA	Grey Silty Fine SAND	PID = 374 ppm.	
7-8 ft	1	NA	Grey Silty Fine SAND	PID = 970.1 ppm.	
8-9 ft	1	NA	Grey Silty Fine SAND	PID = >15,000 ppm.	



Boring # SB09	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:	total depth	NA ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: NA		DATE: 11/7/2017	
COMPLETION TIME: NA		DATE: 11/7/2017	
BACKFILL TIME: NA		DATE: 11/7/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
NA	NA	NA	Boring not installed due to site space constrictions	NA	



Boring # SB10	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:	total depth	7 ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: 12:00		DATE: 11/7/2017	
COMPLETION TIME: 12:40		DATE: 11/7/2017	
BACKFILL TIME: 13:30		DATE: 11/7/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	NA	Concrete Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm.	
1-2 ft	1	NA	Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm	
2-3 ft	1	NA	Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm.	
3-4 ft	1	NA	Gray Silty SAND, some clay	PID = 18.6 ppm.	
4-5 ft	1	NA	Gray Silty SAND, some clay	PID = 92.8 ppm.	
5-6 ft	1	NA	Gray Silty SAND, some clay	PID = 100.7 ppm.	
6-7 ft	1	NA	Gray Silty SAND, some clay, wet @ 6'	PID = 7.8 ppm.	



Boring # SB11	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:		total depth	NA ft
Macrocore (2" diameter)		elevation	NA
HAMMER WT: NA		DROP: NA	
START TIME: NA		DATE: 11/7/2017	
COMPLETION TIME: NA		DATE: 11/7/2017	
BACKFILL TIME: NA		DATE: 11/7/2017	

Locations are approximate

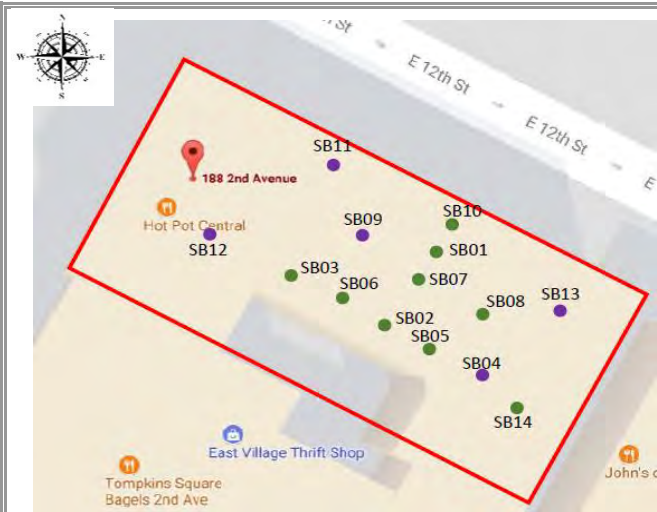
Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
NA	NA	NA	Boring not installed due to site space constrictions	NA	



Boring # SB12	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:		total depth	NA ft
Macrocore (2" diameter)		elevation	NA
HAMMER WT: NA		DROP: NA	
START TIME: NA		DATE: 11/7/2017	
COMPLETION TIME: NA		DATE: 11/7/2017	
BACKFILL TIME: NA		DATE: 11/7/2017	

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
NA	NA	NA	Boring not installed due to clean soil encountered in SB06	NA	



Locations are approximate

Boring # SB13	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:	total depth	NA ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA		DROP: NA	
START TIME: NA		DATE: 11/7/2017	
COMPLETION TIME: NA		DATE: 11/7/2017	
BACKFILL TIME: NA		DATE: 11/7/2017	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
NA	NA	NA	Boring not installed due to site space constrictions	NA	



Boring # SB14	MW#	Page 1	of 1
PROJECT: 188 Second Avenue			
JOB # SECO1703			
LOGGED BY:	CL	PRJ. MNGR.:	JF
DRILLING CONTRACTOR: Coastal Environmental Solutions			
DRILL METHOD: Hand Auger			
DRILLER: Tom			
Borehole diameter/drill bit type:	total depth	8 ft	
Macrocore (2" diameter)	elevation	NA	
HAMMER WT: NA	DROP: NA		
START TIME: 10:50	DATE: 11/7/2017		
COMPLETION TIME: 11:15	DATE: 11/7/2017		
BACKFILL TIME: 13:30	DATE: 11/7/2017		

Locations are approximate

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA Screen depth: NA
0-1 ft	1	NA	Concrete Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm.	
1-2 ft	1	NA	Brown Silty Fine SAND, trace gravel and brick	PID = 0.0 ppm	
2-3 ft	1	NA	Brown Silty Fine SAND, trace gravel and brick	PID = 2.6 ppm.	
3-4 ft	1	NA	Gray Silty SAND, some clay	PID = 2.8 ppm.	
4-5 ft	1	NA	Gray Silty SAND, some clay	PID = 2.7 ppm.	
5-6 ft	1	NA	Gray Silty SAND, some clay	PID = 7.0 ppm.	
6-7 ft	1	NA	Gray Silty SAND, some clay	PID = 3.9 ppm.	
7-8 ft	1	NA	Gray Silty SAND, some clay	PID = 5.7 ppm.	



APPENDIX C

Sample ID	SSV01	SSV02	IAQ01	OAQ01					
York ID	1711180-01	1711180-02	1711180-03	1711180-04					
Sampling Date	9/28/2017 3:00:00 PM	9/28/2017 3:00:00 PM	9/28/2017 3:00:00 PM	9/28/2017 3:00:00 PM					
Client Matrix	Soil Vapor		Indoor Ambient Air		Outdoor Ambient Air				
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q
Volatiles Organics, EPA TO15 Full List									
Dilution Factor									
1,1,1,2-Tetrachloroethane	630-20-6	1.400	U	1.200	U	0.690	U	0.690	U
1,1,1-Trichloroethane	71-55-6	1.100	U	0.950	U	0.550	U	20	D
1,1,2,2-Tetrachloroethane	79-34-5	1.400	U	1.200	U	0.690	U	0.690	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1.600	U	1.300	U	0.770	U	0.770	U
1,1,2-Trichloroethane	79-00-5	1.100	U	0.950	U	0.550	U	0.550	U
1,1-Dichloroethane	75-34-3	0.830	U	0.710	U	0.400	U	0.410	D
1,1-Dichloroethylene	75-35-4	0.810	U	0.690	U	0.400	U	2.400	D
1,2,4-Trichlorobenzene	120-82-1	1.500	U	1.300	U	5.900	U	0.750	U
1,2,4-Trimethylbenzene	95-63-6	1	U	2.500	D	0.490	U	0.500	U
1,2-Dibromoethane	106-93-4	1.600	U	1.300	U	0.770	U	0.770	U
1,2-Dichlorobenzene	95-50-1	1.200	U	1.100	U	0.600	U	0.610	U
1,2-Dichloroethane	107-06-2	0.830	U	0.710	U	0.400	U	0.410	U
1,2-Dichloropropane	78-87-5	0.940	U	0.810	U	0.460	U	0.470	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.400	U	1.200	U	0.700	U	0.700	U
1,3,5-Trimethylbenzene	108-67-8	1	U	1.200	D	0.490	U	0.500	U
1,3-Butadiene	106-99-0	1.400	U	1.200	U	0.660	U	0.670	U
1,3-Dichlorobenzene	541-73-1	1.200	U	1.100	U	0.600	U	0.610	U
1,3-Dichloropropane	142-28-9	0.940	U	0.810	U	0.460	U	0.470	U
1,4-Dichlorobenzene	106-46-7	1.200	U	1.100	U	0.600	U	0.610	U
1,4-Dioxane	123-91-1	1.500	U	1.300	U	0.720	U	0.730	U
2-Butanone	78-93-3	7.600	D	13	D	0.440	U	0.530	D
2-Hexanone	591-78-6	1.700	U	4.400	D	0.820	U	0.830	U
3-Chloropropene	107-05-1	3.200	U	2.700	U	1.600	U	1.600	U
4-Methyl-2-pentanone	108-10-1	0.840	U	1.900	D	0.410	U	0.410	U
Acetone	67-64-1	63	D	15	D	13	U	9.400	D
Acrylonitrile	107-13-1	0.440	U	0.380	U	0.220	U	0.220	U
Benzene	71-43-2	0.910	D	1	D	0.320	U	0.350	D
Benzyl chloride	100-44-7	1.100	U	0.900	U	0.520	U	0.520	U
Bromodichloromethane	75-27-4	2.600	D	1.800	D	0.670	U	0.670	U
Bromoform	75-25-2	2.100	U	1.800	U	1	U	1	U
Bromomethane	74-83-9	0.790	U	0.680	U	0.390	U	0.390	U
Carbon disulfide	75-15-0	2	D	1.300	D	0.310	U	0.310	U
Carbon tetrachloride	56-23-5	0.320	U	0.440	D	0.310	U	0.440	D
Chlorobenzene	108-90-7	0.940	U	0.800	U	0.460	U	0.460	U
Chloroethane	75-00-3	0.540	U	0.460	U	0.260	U	0.270	U
Chloroform	67-66-3	26	D	31	D	0.490	U	0.490	U
Chloromethane	74-87-3	0.590	D	0.870	D	0.850	U	1	D
cis-1,2-Dichloroethylene	156-59-2	0.810	U	2.200	D	1.100	U	0.400	U
cis-1,3-Dichloropropylene	10061-01-5	0.930	U	0.790	U	0.450	U	0.460	U
Cyclohexane	110-82-7	0.700	U	0.600	U	0.340	U	0.350	U
Dibromochloromethane	124-48-1	1.700	U	1.500	U	0.850	U	0.860	U
Dichlorodifluoromethane	75-71-8	2.100	D	2.500	D	1.700	U	1.800	D
Ethyl acetate	141-78-6	1.500	U	1.300	U	0.720	U	0.730	U
Ethyl Benzene	100-41-4	2.200	D	5.200	D	0.430	U	0.440	U
Hexachlorobutadiene	87-68-3	2.200	U	1.900	U	1.100	U	1.100	U
Isopropanol	67-63-0	1	U	0.860	U	0.930	U	1.200	D
Methyl Methacrylate	80-62-6	2.300	D	0.720	U	0.410	U	0.410	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.740	U	0.630	U	0.360	U	0.360	U
Methylene chloride	75-09-2	27	D	3.900	D	1.600	U	2.200	D
n-Heptane	142-82-5	5.200	D	0.720	U	0.410	U	0.410	U
n-Hexane	110-54-3	5.500	D	0.620	U	0.350	U	0.350	U
o-Xylene	95-47-6	2.200	D	7.100	D	0.430	U	0.440	U
p- & m- Xylenes	179601-23-1	12	D	27	D	0.870	U	0.870	U
p-Ethyltoluene	622-96-8	1	U	1.500	D	0.490	U	0.500	U
Propylene	115-07-1	5.300	D	1.900	D	1.300	U	0.900	D
Styrene	100-42-5	0.870	U	0.740	D	0.430	U	0.430	U
Tetrachloroethylene	127-18-4	180	D	590	D	330	U	5.200	D
Tetrahydrofuran	109-99-9	1.200	U	1	U	0.590	U	0.590	U
Toluene	108-88-3	49	D	1.800	D	0.830	U	0.830	D
trans-1,2-Dichloroethylene	156-60-5	0.810	U	0.690	U	0.400	U	0.400	U
trans-1,3-Dichloropropylene	10061-02-6	0.930	U	0.790	U	0.450	U	0.460	U
Trichloroethylene	79-01-6	4.800	D	11	D	3.800	U	160	D
Trichlorofluoromethane (Freon 11)	75-69-4	1.100	D	1.300	D	1.100	U	1.200	D
Vinyl acetate	108-05-4	0.720	U	0.620	U	0.350	U	0.350	U
Vinyl bromide	593-60-2	0.890	U	0.760	U	0.440	U	0.440	U
Vinyl Chloride	75-01-4	0.520	U	0.450	U	0.360	U	0.260	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D= result is from an analysis that required a dilution

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

U= analyte not detected at or above the level indicated

B= analyte found in the analysis batch blank

E= result is estimated and cannot be accurately reported due to levels encountered or interferences

P= this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT= this indicates the analyte was not a target for this sample

--= this indicates that no regulatory limit has been established for this analyte

Sample ID		NYSDEC Part 375	NYSDEC Part 375	NYSDEC Part 375	SB10 (4-5)	
York ID		Unrestricted Use	Restricted Use Soil	Restricted Use Soil	17K0292-10	
Sampling Date		Soil Cleanup	Cleanup Objectives -	Cleanup Objectives-	11/7/2017 12:30:00 PM	
Client Matrix		Objectives	Residential	Commercial	Soil	
Compound	CAS Number	mg/Kg	mg/Kg	mg/Kg	Result	Q
Semi-Volatiles, 8270 - Comprehensive						
Dilution Factor						
1,1-Biphenyl	92-52-4	~	~	~	2.070	D
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.0939	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.0471	U
1,2-Dichlorobenzene	95-50-1	1.1	100	500	0.0471	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.0471	U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	0.0471	U
1,4-Dichlorobenzene	106-46-7	1.8	13	130	0.0471	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.0939	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.0471	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.0471	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.0471	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.0471	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.0939	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.0471	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.0471	U
2-Chloronaphthalene	91-58-7	~	~	~	0.0471	U
2-Chlorophenol	95-57-8	~	~	~	0.0471	U
2-Methylnaphthalene	91-57-6	~	~	~	5.940	D
2-Methylphenol	95-48-7	0.33	100	500	0.0471	U
2-Nitroaniline	88-74-4	~	~	~	0.0939	U
2-Nitrophenol	88-75-5	~	~	~	0.0471	U
3- & 4-Methylphenols	65794-96-9	~	~	~	0.0471	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.0471	U
3-Nitroaniline	99-09-2	~	~	~	0.0939	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.0939	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.0471	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.0471	U
4-Chloroaniline	106-47-8	~	~	~	0.0471	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.0471	U
4-Nitroaniline	100-01-6	~	~	~	0.0939	U
4-Nitrophenol	100-02-7	~	~	~	0.0939	U
Acenaphthene	83-32-9	20	100	500	1.020	D
Acenaphthylene	208-96-8	100	100	500	0.0471	U
Acetophenone	98-86-2	~	~	~	0.0471	U
Aniline	62-53-3	~	~	~	0.188	U
Anthracene	120-12-7	100	100	500	0.553	D
Atrazine	1912-24-9	~	~	~	0.0471	U
Benzaldehyde	100-52-7	~	~	~	0.0471	U
Benzidine	92-87-5	~	~	~	0.188	U
Benzo(a)anthracene	56-55-3	1	1	5.6	0.0471	U
Benzo(a)pyrene	50-32-8	1	1	1	0.0471	U
Benzo(b)fluoranthene	205-99-2	1	1	5.6	0.0471	U
Benzo(g,h,i)perylene	191-24-2	100	100	500	0.0471	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	56	0.0471	U
Benzoic acid	65-85-0	~	~	~	0.0471	U
Benzyl alcohol	100-51-6	~	~	~	0.0471	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.0471	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.0471	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.0471	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.0471	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.0946	D
Caprolactam	105-60-2	~	~	~	0.0939	U
Carbazole	86-74-8	~	~	~	0.0471	U
Chrysene	218-01-9	1	3.9	56	0.0471	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.56	0.0471	U
Dibenzofuran	132-64-9	7	59	350	0.0471	U
Diethyl phthalate	84-66-2	~	~	~	0.0471	U
Dimethyl phthalate	131-11-3	~	~	~	0.0471	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.0471	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.0471	U
Fluoranthene	206-44-0	100	100	500	0.123	D
Fluorene	86-73-7	30	100	500	1.500	D
Hexachlorobenzene	118-74-1	0.33	1.2	6	0.0471	U
Hexachlorobutadiene	87-68-3	~	~	~	0.0471	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.0471	U
Hexachloroethane	67-72-1	~	~	~	0.0471	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	5.6	0.0471	U
Isophorone	78-59-1	~	~	~	0.0471	U
Naphthalene	91-20-3	12	100	500	1.350	D
Nitrobenzene	98-95-3	~	~	~	0.0471	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.0471	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.0471	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.0471	U
Pentachlorophenol	87-86-5	0.8	6.7	6.7	0.0471	U
Phenanthrene	85-01-8	100	100	500	4.690	D
Phenol	108-95-2	0.33	100	500	0.0471	U
Pyrene	129-00-0	100	100	500	0.607	D

NOTES:

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E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

~this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC TOGS Standards and Guidance Values - GA	GW01 1711194-01 9/28/2017 10:40:00 AM Water	
Compound	CAS Number		Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L	ug/L	
Dilution Factor			2000	
1,1,1,2-Tetrachloroethane	630-20-6	5	20	U
1,1,1-Trichloroethane	71-55-6	5	20	U
1,1,2,2-Tetrachloroethane	79-34-5	5	20	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	20	U
1,1,2-Trichloroethane	79-00-5	1	20	U
1,1-Dichloroethane	75-34-3	5	20	U
1,1-Dichloroethylene	75-35-4	5	200	D
1,2,3-Trichlorobenzene	87-61-6	5	20	U
1,2,3-Trichloropropane	96-18-4	0.04	20	U
1,2,4-Trichlorobenzene	120-82-1	5	20	U
1,2,4-Trimethylbenzene	95-63-6	5	20	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	20	U
1,2-Dibromoethane	106-93-4	0.0006	20	U
1,2-Dichlorobenzene	95-50-1	3	20	U
1,2-Dichloroethane	107-06-2	0.6	20	U
1,2-Dichloropropane	78-87-5	1	20	U
1,3,5-Trimethylbenzene	108-67-8	5	20	U
1,3-Dichlorobenzene	541-73-1	3	20	U
1,4-Dichlorobenzene	106-46-7	3	20	U
1,4-Dioxane	123-91-1	~	4,000	U
2-Butanone	78-93-3	50	20	U
2-Hexanone	591-78-6	50	20	U
4-Methyl-2-pentanone	108-10-1	~	20	U
Acetone	67-64-1	50	310	D
Acrolein	107-02-8	~	20	U
Acrylonitrile	107-13-1	~	20	U
Benzene	71-43-2	1	20	U
Bromochloromethane	74-97-5	5	20	U
Bromodichloromethane	75-27-4	50	20	U
Bromoform	75-25-2	50	20	U
Bromomethane	74-83-9	5	20	U
Carbon disulfide	75-15-0	~	20	U
Carbon tetrachloride	56-23-5	5	20	U
Chlorobenzene	108-90-7	5	20	U
Chloroethane	75-00-3	5	20	U
Chloroform	67-66-3	7	20	U
Chloromethane	74-87-3	5	20	U
cis-1,2-Dichloroethylene	156-59-2	5	30,000	D
cis-1,3-Dichloropropylene	10061-01-5	0.4	20	U
Cyclohexane	110-82-7	~	20	U
Dibromochloromethane	124-48-1	50	20	U
Dibromomethane	74-95-3	~	20	U
Dichlorodifluoromethane	75-71-8	5	20	U
Ethyl Benzene	100-41-4	5	20	U
Hexachlorobutadiene	87-68-3	0.5	20	U
Isopropylbenzene	98-82-8	5	20	U
Methyl acetate	79-20-9	~	20	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	20	U
Methylcyclohexane	108-87-2	~	20	U
Methylene chloride	75-09-2	5	100	U
n-Butylbenzene	104-51-8	5	20	U
n-Propylbenzene	103-65-1	5	20	U
o-Xylene	95-47-6	5	20	U
p- & m- Xylenes	179601-23-1	5	50	U
p-Isopropyltoluene	99-87-6	5	20	U
sec-Butylbenzene	135-98-8	5	20	U
Styrene	100-42-5	5	20	U
tert-Butyl alcohol (TBA)	75-65-0	~	50	U
tert-Butylbenzene	98-06-6	5	20	U
Tetrachloroethylene	127-18-4	5	190,000	BD
Toluene	108-88-3	5	110	D
trans-1,2-Dichloroethylene	156-60-5	5	33	JD
trans-1,3-Dichloropropylene	10061-02-6	0.4	20	U
Trichloroethylene	79-01-6	5	6,400	D
Trichlorofluoromethane	75-69-4	5	20	U
Vinyl Chloride	75-01-4	2	1,400	D
Xylenes, Total	1330-20-7	5	60	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

NT=this indicates the analyte was not a target for this sample

~this indicates that no regulatory limit has been established for this analyte



Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Frengren

Report Date: 10/06/2017
Client Project ID: SEC01702
York Project (SDG) No.: 17I1180

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

Report Date: 10/06/2017
Client Project ID: SEC01702
York Project (SDG) No.: 17I1180

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Frengren

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 September 28, 2017 and listed below. The project was identified as your project: **SEC01702**.

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>
17I1180-01	SSV01	Soil Vapor	09/28/2017	09/28/2017
17I1180-02	SSV02	Soil Vapor	09/28/2017	09/28/2017
17I1180-03	IAQ01	Indoor Ambient Air	09/28/2017	09/28/2017
17I1180-04	OAQ01	Outdoor Ambient Ai	09/28/2017	09/28/2017

General Notes for York Project (SDG) No.: 17I1180

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: 10/06/2017





Sample Information

Client Sample ID: SSV01

York Sample ID: 17I1180-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17I1180	SEC01702	Soil Vapor	September 28, 2017 3:00 pm	09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.4	2.04	EPA TO-15 Certifications:	10/02/2017 23:10	10/02/2017 23:10	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.1	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.4	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.6	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.1	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.83	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.81	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.5	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	1.0	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.6	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.83	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.94	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.4	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.0	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	1.4	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.94	2.04	EPA TO-15 Certifications:	10/02/2017 23:10	10/02/2017 23:10	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	1.5	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
78-93-3	2-Butanone	7.6		ug/m ³	0.60	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS



Sample Information

Client Sample ID: SSV01

York Sample ID: 1711180-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Soil Vapor

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	1.7	2.04	EPA TO-15 Certifications:	10/02/2017 23:10	10/02/2017 23:10	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	3.2	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.84	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
67-64-1	Acetone	63		ug/m ³	0.97	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.44	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
71-43-2	Benzene	0.91		ug/m ³	0.65	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	1.1	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-27-4	Bromodichloromethane	2.6		ug/m ³	1.4	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-25-2	Bromoform	ND		ug/m ³	2.1	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.79	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-15-0	Carbon disulfide	2.0		ug/m ³	0.64	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.32	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.94	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.54	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
67-66-3	Chloroform	26		ug/m ³	1.0	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
74-87-3	Chloromethane	0.59		ug/m ³	0.42	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.81	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.93	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.70	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	1.0	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	1.5	2.04	EPA TO-15 Certifications:	10/02/2017 23:10	10/02/2017 23:10	LDS



Sample Information

Client Sample ID: SSV01

York Sample ID: 1711180-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Soil Vapor

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	2.2		ug/m ³	0.89	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.2	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
67-63-0	Isopropanol	ND		ug/m ³	1.0	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
80-62-6	Methyl Methacrylate	2.3		ug/m ³	0.84	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.74	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-09-2	Methylene chloride	27		ug/m ³	1.4	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
142-82-5	n-Heptane	5.2		ug/m ³	0.84	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
110-54-3	n-Hexane	5.5		ug/m ³	0.72	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
95-47-6	o-Xylene	2.2		ug/m ³	0.89	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
179601-23-1	p- & m- Xylenes	12		ug/m ³	1.8	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.0	2.04	EPA TO-15 Certifications:	10/02/2017 23:10	10/02/2017 23:10	LDS
115-07-1	* Propylene	5.3		ug/m ³	0.35	2.04	EPA TO-15 Certifications:	10/02/2017 23:10	10/02/2017 23:10	LDS
100-42-5	Styrene	ND		ug/m ³	0.87	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
127-18-4	Tetrachloroethylene	180		ug/m ³	0.35	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.2	2.04	EPA TO-15 Certifications:	10/02/2017 23:10	10/02/2017 23:10	LDS
108-88-3	Toluene	49		ug/m ³	0.77	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.81	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.93	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
79-01-6	Trichloroethylene	4.8		ug/m ³	0.27	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.1		ug/m ³	1.1	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.72	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.89	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS



Sample Information

Client Sample ID: SSV01

York Sample ID: 17I1180-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1180

SEC01702

Soil Vapor

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	0.52	2.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/02/2017 23:10	10/02/2017 23:10	LDS
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	97.5 %				70-130				

Sample Information

Client Sample ID: SSV02

York Sample ID: 17I1180-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1180

SEC01702

Soil Vapor

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.747	EPA TO-15 Certifications:	10/03/2017 00:04	10/03/2017 00:04	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.95	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.95	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.71	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.69	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
95-63-6	1,2,4-Trimethylbenzene	2.5		ug/m ³	0.86	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.71	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.81	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS



Sample Information

Client Sample ID: SSV02

York Sample ID: 1711180-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Soil Vapor

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
108-67-8	1,3,5-Trimethylbenzene	1.2		ug/m ³	0.86	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	1.2	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.81	1.747	EPA TO-15 Certifications:	10/03/2017 00:04	10/03/2017 00:04	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
78-93-3	2-Butanone	13		ug/m ³	0.52	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
591-78-6	* 2-Hexanone	4.4		ug/m ³	1.4	1.747	EPA TO-15 Certifications:	10/03/2017 00:04	10/03/2017 00:04	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	2.7	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
108-10-1	4-Methyl-2-pentanone	1.9		ug/m ³	0.72	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
67-64-1	Acetone	15		ug/m ³	0.83	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.38	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
71-43-2	Benzene	1.0		ug/m ³	0.56	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.90	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-27-4	Bromodichloromethane	1.8		ug/m ³	1.2	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-25-2	Bromoform	ND		ug/m ³	1.8	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.68	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-15-0	Carbon disulfide	1.3		ug/m ³	0.54	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
56-23-5	Carbon tetrachloride	0.44		ug/m ³	0.27	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.80	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.46	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS



Sample Information

Client Sample ID: SSV02

York Sample ID: 1711180-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

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Soil Vapor

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	31		ug/m ³	0.85	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
74-87-3	Chloromethane	0.87		ug/m ³	0.36	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
156-59-2	cis-1,2-Dichloroethylene	2.2		ug/m ³	0.69	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.79	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.60	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.86	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.747	EPA TO-15 Certifications:	10/03/2017 00:04	10/03/2017 00:04	LDS
100-41-4	Ethyl Benzene	5.2		ug/m ³	0.76	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
67-63-0	Isopropanol	ND		ug/m ³	0.86	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.72	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.63	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-09-2	Methylene chloride	3.9		ug/m ³	1.2	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
142-82-5	n-Heptane	ND		ug/m ³	0.72	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.62	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
95-47-6	o-Xylene	7.1		ug/m ³	0.76	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
179601-23-1	p- & m- Xylenes	27		ug/m ³	1.5	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
622-96-8	* p-Ethyltoluene	1.5		ug/m ³	0.86	1.747	EPA TO-15 Certifications:	10/03/2017 00:04	10/03/2017 00:04	LDS
115-07-1	* Propylene	1.9		ug/m ³	0.30	1.747	EPA TO-15 Certifications:	10/03/2017 00:04	10/03/2017 00:04	LDS
100-42-5	Styrene	0.74		ug/m ³	0.74	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
127-18-4	Tetrachloroethylene	590		ug/m ³	0.30	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS



Sample Information

Client Sample ID: SSV02

York Sample ID: 1711180-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Soil Vapor

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.747	EPA TO-15 Certifications:	10/03/2017 00:04	10/03/2017 00:04	LDS
108-88-3	Toluene	1.8		ug/m ³	0.66	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.69	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.79	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
79-01-6	Trichloroethylene	11		ug/m ³	0.23	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	0.98	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.62	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.76	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.45	1.747	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/03/2017 00:04	10/03/2017 00:04	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	102 %					70-130			

Sample Information

Client Sample ID: IAQ01

York Sample ID: 1711180-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Indoor Ambient Air

September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	1	EPA TO-15 Certifications:	10/06/2017 14:40	10/06/2017 14:40	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.77	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS



Sample Information

Client Sample ID: IAQ01

York Sample ID: 17I1180-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1180

SEC01702

Indoor Ambient Air

September 28, 2017 3:00 pm

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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
120-82-1	1,2,4-Trichlorobenzene	5.9		ug/m ³	0.74	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.77	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.60	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.46	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.70	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.66	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.60	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.46	1	EPA TO-15 Certifications:	10/06/2017 14:40	10/06/2017 14:40	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.60	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.72	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
78-93-3	2-Butanone	0.44		ug/m ³	0.29	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.82	1	EPA TO-15 Certifications:	10/06/2017 14:40	10/06/2017 14:40	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
67-64-1	Acetone	13		ug/m ³	0.48	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
71-43-2	Benzene	ND		ug/m ³	0.32	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS



Sample Information

Client Sample ID: IAQ01

York Sample ID: 1711180-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Indoor Ambient Air

September 28, 2017 3:00 pm

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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.67	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
56-23-5	Carbon tetrachloride	0.31		ug/m ³	0.16	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.26	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
74-87-3	Chloromethane	0.85		ug/m ³	0.21	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
156-59-2	cis-1,2-Dichloroethylene	1.1		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.45	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.34	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.85	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-71-8	Dichlorodifluoromethane	1.7		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.72	1	EPA TO-15 Certifications:	10/06/2017 14:40	10/06/2017 14:40	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.43	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
67-63-0	Isopropanol	0.93		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-09-2	Methylene chloride	1.6		ug/m ³	0.69	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS



Sample Information

Client Sample ID: IAQ01

York Sample ID: 17I1180-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1180

SEC01702

Indoor Ambient Air September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	ND		ug/m ³	0.41	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.35	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
95-47-6	o-Xylene	ND		ug/m ³	0.43	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.87	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.49	1	EPA TO-15 Certifications:	10/06/2017 14:40	10/06/2017 14:40	LDS
115-07-1	* Propylene	1.3		ug/m ³	0.17	1	EPA TO-15 Certifications:	10/06/2017 14:40	10/06/2017 14:40	LDS
100-42-5	Styrene	ND		ug/m ³	0.43	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
127-18-4	Tetrachloroethylene	330		ug/m ³	0.17	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.59	1	EPA TO-15 Certifications:	10/06/2017 14:40	10/06/2017 14:40	LDS
108-88-3	Toluene	0.83		ug/m ³	0.38	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.45	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
79-01-6	Trichloroethylene	3.8		ug/m ³	0.13	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.1		ug/m ³	0.56	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
75-01-4	Vinyl Chloride	0.36		ug/m ³	0.26	1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 14:40	10/06/2017 14:40	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	93.8 %	70-130							



Sample Information

Client Sample ID: OAQ01

York Sample ID: 1711180-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Outdoor Ambient Air September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	1.007	EPA TO-15 Certifications:	10/06/2017 15:41	10/06/2017 15:41	LDS
71-55-6	1,1,1-Trichloroethane	20		ug/m ³	0.55	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.77	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-34-3	1,1-Dichloroethane	0.41		ug/m ³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-35-4	1,1-Dichloroethylene	2.4		ug/m ³	0.40	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.75	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.77	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.61	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.47	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.70	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.67	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.61	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.47	1.007	EPA TO-15 Certifications:	10/06/2017 15:41	10/06/2017 15:41	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.61	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.73	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
78-93-3	2-Butanone	0.53		ug/m ³	0.30	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.83	1.007	EPA TO-15 Certifications:	10/06/2017 15:41	10/06/2017 15:41	LDS



Sample Information

Client Sample ID: OAQ01

York Sample ID: 1711180-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Outdoor Ambient Air September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
67-64-1	Acetone	9.4		ug/m ³	0.48	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
71-43-2	Benzene	0.35		ug/m ³	0.32	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.67	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
56-23-5	Carbon tetrachloride	0.44		ug/m ³	0.16	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.27	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
74-87-3	Chloromethane	1.0		ug/m ³	0.21	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.46	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.35	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.86	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-71-8	Dichlorodifluoromethane	1.8		ug/m ³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.73	1.007	EPA TO-15 Certifications:	10/06/2017 15:41	10/06/2017 15:41	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.44	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS



Sample Information

Client Sample ID: OAQ01

York Sample ID: 1711180-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711180

SEC01702

Outdoor Ambient Air September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
67-63-0	Isopropanol	1.2		ug/m ³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-09-2	Methylene chloride	2.2		ug/m ³	0.70	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
142-82-5	n-Heptane	ND		ug/m ³	0.41	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
110-54-3	n-Hexane	ND		ug/m ³	0.35	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
95-47-6	o-Xylene	ND		ug/m ³	0.44	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.87	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.50	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
115-07-1	* Propylene	0.90		ug/m ³	0.17	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
100-42-5	Styrene	ND		ug/m ³	0.43	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
127-18-4	Tetrachloroethylene	5.2		ug/m ³	0.17	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.59	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
108-88-3	Toluene	0.83		ug/m ³	0.38	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.46	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
79-01-6	Trichloroethylene	160		ug/m ³	0.14	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.57	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	1.007	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/06/2017 15:41	10/06/2017 15:41	LDS



Sample Information

Client Sample ID: OAQ01

York Sample ID: 17I1180-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1180

SEC01702

Outdoor Ambient Air September 28, 2017 3:00 pm

09/28/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	92.6 %		70-130						





Sample and Data Qualifiers Relating to This Work Order

- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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





YORK
MULTI-MEDIA LABORATORIES, INC.

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>Castleton Environmental</u>		Company: <u>York</u>		Company: <u>York</u>		<u>SEC0102</u>		RUSH - Same Day <input type="checkbox"/>		Summary Report <input checked="" type="checkbox"/>	
Address: <u>54 George St</u>		Address: <u>York</u>		Address: <u>York</u>		<u>SEC0102</u>		RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary <input checked="" type="checkbox"/>	
Phone No. <u>631 481 1618</u>		Phone No. <u>York</u>		Phone No. <u>York</u>		<u>SEC0102</u>		RUSH - Two Day <input type="checkbox"/>		CT RCP Package <input type="checkbox"/>	
Contact Person: <u>Jessica Keryan</u>		Attention: <u>York</u>		Attention: <u>York</u>		<u>SEC0102</u>		RUSH - Three Day <input type="checkbox"/>		NY ASP A Package <input type="checkbox"/>	
E-Mail Address: <u>Jessica.Keryan@castletonenv.com</u>		E-Mail Address: <u>York</u>		E-Mail Address: <u>York</u>		<u>SEC0102</u>		RUSH - Four Day <input type="checkbox"/>		NY ASP B/CLP Pkg <input type="checkbox"/>	
								Standard (5-7 Days) <input checked="" type="checkbox"/>		NJDEP Reduced <input type="checkbox"/>	
								Electronic Deliverables: <input type="checkbox"/>		Electronic Deliverables: <input checked="" type="checkbox"/>	
								Standard Excel <input checked="" type="checkbox"/>		Standard Excel <input checked="" type="checkbox"/>	
								Regulatory Comparison Excel <input type="checkbox"/>		Regulatory Comparison Excel <input type="checkbox"/>	

Additional Notes:

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.

Charles Lambert
Name (printed)

Charles Lambert
Samples Collected/Authorized By (Signature)

Air Matrix Codes

- AI- INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

Detection Limits Required

- ≤ 1 ug/m³
- NYSDEC VI Limits
- (V) - vapor intrusion
- NJDEP low level
- Routine Survey
- Other

Special Instructions

Please enter the following Field Data

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg.)	Canister Vacuum After Sampling (in. Hg.)	Canister ID	Flow Cont. ID	ANALYSES REQUESTED	Sampling Media
SS001	9/28/17	AS	-21	-7	18300	Y9	USEPA Method 10-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
SS002		AS	-29	-6	18312	Y45		6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
TA001		AI	-30	-5	23000	Y40		6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
DA001		AO	-30.5	-7.5	23796	Y35		6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag

Comments

Charles Lambert 9/28/17 1405
Samples Relinquished By Date/Time

Charles Lambert 9/28/17 22:10
Samples Relinquished By Date/Time

Charles Lambert 9/28/17 23:10
Samples Received By Date/Time

Charles Lambert 9/28/17 23:10
Samples Received in LAB by Date/Time



Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Report Date: 10/04/2017
Client Project ID: SEC01702
York Project (SDG) No.: 17I1182

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/04/2017
Client Project ID: SEC01702
York Project (SDG) No.: 17I1182

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

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 September 28, 2017 and listed below. The project was identified as your project: **SEC01702**.

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>
17I1182-01	SB02 (6-7)	Soil	09/18/2017	09/28/2017

General Notes for York Project (SDG) No.: 17I1182

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: 10/04/2017





Sample Information

Client Sample ID: SB02 (6-7)

York Sample ID: 17I1182-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I1182	SEC01702	Soil	September 18, 2017 12:05 pm	09/28/2017

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	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	45000	90000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR



Sample Information

Client Sample ID: SB02 (6-7)

York Sample ID: 1711182-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711182

SEC01702

Soil

September 18, 2017 12:05 pm

09/28/2017

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
78-93-3	2-Butanone	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
591-78-6	2-Hexanone	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
67-64-1	Acetone	ND		ug/kg dry	4500	9000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
107-02-8	Acrolein	ND		ug/kg dry	4500	9000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
71-43-2	Benzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-25-2	Bromoform	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
74-83-9	Bromomethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-00-3	Chloroethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
67-66-3	Chloroform	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
74-87-3	Chloromethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
156-59-2	cis-1,2-Dichloroethylene	14000		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
110-82-7	Cyclohexane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR



Sample Information

Client Sample ID: SB02 (6-7)

York Sample ID: 1711182-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1711182

SEC01702

Soil

September 18, 2017 12:05 pm

09/28/2017

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
74-95-3	Dibromomethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
79-20-9	Methyl acetate	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
75-09-2	Methylene chloride	ND		ug/kg dry	4500	9000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
95-47-6	o-Xylene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4500	9000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
100-42-5	Styrene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	10/02/2017 07:30	10/02/2017 18:22	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
127-18-4	Tetrachloroethylene	1700000		ug/kg dry	22000	45000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/03/2017 07:30	10/03/2017 15:10	SR
108-88-3	Toluene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR



Sample Information

Client Sample ID: SB02 (6-7)

York Sample ID: 17I1182-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1182

SEC01702

Soil

September 18, 2017 12:05 pm

09/28/2017

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
79-01-6	Trichloroethylene	38000		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2200	4500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	22000	45000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/03/2017 07:30	10/03/2017 15:10	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6700	13000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/02/2017 07:30	10/02/2017 18:22	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	67000	130000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/03/2017 07:30	10/03/2017 15:10	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	77-125								
2037-26-5	Surrogate: Toluene-d8	108 %	85-120								
2037-26-5	Surrogate: Toluene-d8	87.4 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	90.0 %	76-130								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.2		%	0.100	1	SM 2540G Certifications: CTDOH	09/29/2017 11:23	09/29/2017 14:54	TJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17I1182-01	SB02 (6-7)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.



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

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



Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Report Date: 11/16/2017
Client Project ID: SECO1703
York Project (SDG) No.: 17K0292

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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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/16/2017
Client Project ID: SECO1703
York Project (SDG) No.: 17K0292

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

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 November 07, 2017 and listed below. The project was identified as your project: **SECO1703**.

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>
17K0292-01	SB05 (0-2)	Soil	11/07/2017	11/07/2017
17K0292-02	SB05 (8-9)	Soil	11/07/2017	11/07/2017
17K0292-03	SB06 (7-8)	Soil	11/07/2017	11/07/2017
17K0292-04	SB14 (1-3)	Soil	11/07/2017	11/07/2017
17K0292-05	SB14 (7-8)	Soil	11/07/2017	11/07/2017
17K0292-06	SB07 (1-3)	Soil	11/07/2017	11/07/2017
17K0292-07	SB06 (2-3)	Soil	11/07/2017	11/07/2017
17K0292-08	SB07 (6-7)	Soil	11/07/2017	11/07/2017
17K0292-09	SB10 (1-3)	Soil	11/07/2017	11/07/2017
17K0292-10	SB10 (4-5)	Soil	11/07/2017	11/07/2017
17K0292-11	SB10 (6-7)	Soil	11/07/2017	11/07/2017
17K0292-12	SB08 (1-3)	Soil	11/07/2017	11/07/2017
17K0292-13	SB08 (8-9)	Soil	11/07/2017	11/07/2017

General Notes for York Project (SDG) No.: 17K0292

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: 11/16/2017





Sample Information

Client Sample ID: SB05 (0-2)

York Sample ID: 17K0292-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17K0292	SECO1703	Soil	November 7, 2017 9:15 am	11/07/2017

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	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR



Sample Information

Client Sample ID: SB05 (0-2)

York Sample ID: 17K0292-01

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 9:15 am	<u>Date Received</u> 11/07/2017
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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
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
67-64-1	Acetone	7.4	J	ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR



Sample Information

Client Sample ID: SB05 (0-2)

York Sample ID: 17K0292-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 9:15 am

11/07/2017

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
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
75-09-2	Methylene chloride	9.5	J	ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 13:50	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
127-18-4	Tetrachloroethylene	5.0	J	ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR



Sample Information

Client Sample ID: SB05 (0-2)

York Sample ID: 17K0292-01

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 9:15 am	<u>Date Received</u> 11/07/2017
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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
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 13:50	SR

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	85.8		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:36	11/10/2017 14:53	TJM

Sample Information

Client Sample ID: SB05 (8-9)

York Sample ID: 17K0292-02

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 9:30 am	<u>Date Received</u> 11/07/2017
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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	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR



Sample Information

Client Sample ID: SB05 (8-9)

York Sample ID: 17K0292-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 9:30 am

11/07/2017

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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	35000	70000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
78-93-3	2-Butanone	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
591-78-6	2-Hexanone	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
67-64-1	Acetone	ND		ug/kg dry	3500	7000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
107-02-8	Acrolein	ND		ug/kg dry	3500	7000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
71-43-2	Benzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR



Sample Information

Client Sample ID: SB05 (8-9)

York Sample ID: 17K0292-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 9:30 am

11/07/2017

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
75-27-4	Bromodichloromethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-25-2	Bromoform	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
74-83-9	Bromomethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-00-3	Chloroethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
67-66-3	Chloroform	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
74-87-3	Chloromethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
156-59-2	cis-1,2-Dichloroethylene	14000		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
110-82-7	Cyclohexane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
79-20-9	Methyl acetate	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR



Sample Information

Client Sample ID: SB05 (8-9)

York Sample ID: 17K0292-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 9:30 am

11/07/2017

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
75-09-2	Methylene chloride	ND		ug/kg dry	3500	7000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
95-47-6	o-Xylene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3500	7000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
100-42-5	Styrene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/13/2017 23:41	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
127-18-4	Tetrachloroethylene	4900000		ug/kg dry	170000	350000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 11:03	11/15/2017 12:45	SR
108-88-3	Toluene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
79-01-6	Trichloroethylene	89000		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
75-01-4	Vinyl Chloride	1900	J	ug/kg dry	1700	3500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5200	10000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/13/2017 23:41	SR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.5		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:36	11/10/2017 14:53	TJM



Sample Information

Client Sample ID: SB05 (8-9)

York Sample ID: 17K0292-02

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17K0292	SECO1703	Soil	November 7, 2017 9:30 am	11/07/2017

Sample Information

Client Sample ID: SB06 (7-8)

York Sample ID: 17K0292-03

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17K0292	SECO1703	Soil	November 7, 2017 10:10 am	11/07/2017

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	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR



Sample Information

Client Sample ID: SB06 (7-8)

York Sample ID: 17K0292-03

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:10 am	<u>Date Received</u> 11/07/2017
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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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
78-93-3	2-Butanone	5.5		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
67-64-1	Acetone	21	B	ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
107-02-8	Acrolein	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR



Sample Information

Client Sample ID: SB06 (7-8)

York Sample ID: 17K0292-03

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:10 am	<u>Date Received</u> 11/07/2017
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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
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/15/2017 14:55	11/15/2017 15:51	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
127-18-4	Tetrachloroethylene	4.4		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR



Sample Information

Client Sample ID: SB06 (7-8)

York Sample ID: 17K0292-03

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:10 am	<u>Date Received</u> 11/07/2017
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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
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
156-60-5	trans-1,2-Dichloroethylene	2.6	J	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/15/2017 14:55	11/15/2017 15:51	SR
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.5 %			77-125						
2037-26-5	Surrogate: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	96.4 %			76-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.2		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:36	11/10/2017 14:53	TJM

Sample Information

Client Sample ID: SB14 (1-3)

York Sample ID: 17K0292-04

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:40 am	<u>Date Received</u> 11/07/2017
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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	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR



Sample Information

Client Sample ID: SB14 (1-3)

York Sample ID: 17K0292-04

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:40 am	<u>Date Received</u> 11/07/2017
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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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR



Sample Information

Client Sample ID: SB14 (1-3)

York Sample ID: 17K0292-04

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:40 am	<u>Date Received</u> 11/07/2017
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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
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR



Sample Information

Client Sample ID: SB14 (1-3)

York Sample ID: 17K0292-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 10:40 am

11/07/2017

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
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 16:42	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
127-18-4	Tetrachloroethylene	6.6		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR



Sample Information

Client Sample ID: SB14 (1-3)

York Sample ID: 17K0292-04

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:40 am	<u>Date Received</u> 11/07/2017
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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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 16:42	SR

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	83.5		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:36	11/10/2017 14:53	TJM

Sample Information

Client Sample ID: SB14 (7-8)

York Sample ID: 17K0292-05

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:10 am	<u>Date Received</u> 11/07/2017
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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	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-34-3	1,1-Dichloroethane	3.3	J	ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR



Sample Information

Client Sample ID: SB14 (7-8)

York Sample ID: 17K0292-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 11:10 am

11/07/2017

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
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
78-93-3	2-Butanone	22		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
67-64-1	Acetone	47		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR



Sample Information

Client Sample ID: SB14 (7-8)

York Sample ID: 17K0292-05

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:10 am	<u>Date Received</u> 11/07/2017
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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	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
75-09-2	Methylene chloride	7.2	J	ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR



Sample Information

Client Sample ID: SB14 (7-8)

York Sample ID: 17K0292-05

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:10 am	<u>Date Received</u> 11/07/2017
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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	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 17:15	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 17:15	SR

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	11/10/2017 11:36	11/10/2017 14:53	TJM



Sample Information

Client Sample ID: SB07 (1-3)

York Sample ID: 17K0292-06

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:20 am	<u>Date Received</u> 11/07/2017
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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	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR



Sample Information

Client Sample ID: SB07 (1-3)

York Sample ID: 17K0292-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 11:20 am

11/07/2017

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
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR



Sample Information

Client Sample ID: SB07 (1-3)

York Sample ID: 17K0292-06

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:20 am	<u>Date Received</u> 11/07/2017
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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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 02:30	11/14/2017 04:20	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
127-18-4	Tetrachloroethylene	140		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR



Sample Information

Client Sample ID: SB07 (1-3)

York Sample ID: 17K0292-06

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:20 am	<u>Date Received</u> 11/07/2017
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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
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 02:30	11/14/2017 04:20	SR

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	84.2		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:36	11/10/2017 14:53	TJM

Sample Information

Client Sample ID: SB06 (2-3)

York Sample ID: 17K0292-07

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:41 am	<u>Date Received</u> 11/07/2017
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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	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR



Sample Information

Client Sample ID: SB06 (2-3)

York Sample ID: 17K0292-07

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 10:41 am	<u>Date Received</u> 11/07/2017
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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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	86	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
78-93-3	2-Butanone	26		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
67-64-1	Acetone	77		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR



Sample Information

Client Sample ID: SB06 (2-3)

York Sample ID: 17K0292-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 10:41 am

11/07/2017

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
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
75-15-0	Carbon disulfide	2.2	J	ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
75-00-3	Chloroethane	3.4	J	ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
156-59-2	cis-1,2-Dichloroethylene	6.7		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR



Sample Information

Client Sample ID: SB06 (2-3)

York Sample ID: 17K0292-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 10:41 am

11/07/2017

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	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 04:51	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
127-18-4	Tetrachloroethylene	3300		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 19:30	SR
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
79-01-6	Trichloroethylene	5.1		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
75-01-4	Vinyl Chloride	2.4	J	ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 04:51	SR

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	11/10/2017 11:36	11/10/2017 14:53	TJM



Sample Information

Client Sample ID: SB07 (6-7)

York Sample ID: 17K0292-08

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:55 am	<u>Date Received</u> 11/07/2017
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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	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	38000	76000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
78-93-3	2-Butanone	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR



Sample Information

Client Sample ID: SB07 (6-7)

York Sample ID: 17K0292-08

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 11:55 am	<u>Date Received</u> 11/07/2017
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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
591-78-6	2-Hexanone	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
67-64-1	Acetone	ND		ug/kg dry	3800	7600	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
107-02-8	Acrolein	ND		ug/kg dry	3800	7600	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
71-43-2	Benzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
75-25-2	Bromoform	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
74-83-9	Bromomethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
75-00-3	Chloroethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
67-66-3	Chloroform	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
74-87-3	Chloromethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
156-59-2	cis-1,2-Dichloroethylene	2100	J	ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
110-82-7	Cyclohexane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR



Sample Information

Client Sample ID: SB07 (6-7)

York Sample ID: 17K0292-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 11:55 am

11/07/2017

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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
79-20-9	Methyl acetate	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
75-09-2	Methylene chloride	ND		ug/kg dry	3800	7600	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
95-47-6	o-Xylene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3800	7600	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
100-42-5	Styrene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 00:12	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
127-18-4	Tetrachloroethylene	2300000		ug/kg dry	38000	76000	20000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 20:37	SR
108-88-3	Toluene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
79-01-6	Trichloroethylene	22000		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR



Sample Information

Client Sample ID: SB07 (6-7)

York Sample ID: 17K0292-08

York Project (SDG) No. 17K0292	Client Project ID SECO1703	Matrix Soil	Collection Date/Time November 7, 2017 11:55 am	Date Received 11/07/2017
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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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1900	3800	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5700	11000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 00:12	SR

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	87.7		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:36	11/10/2017 14:53	TJM

Sample Information

Client Sample ID: SB10 (1-3)

York Sample ID: 17K0292-09

York Project (SDG) No. 17K0292	Client Project ID SECO1703	Matrix Soil	Collection Date/Time November 7, 2017 12:05 pm	Date Received 11/07/2017
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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	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR



Sample Information

Client Sample ID: SB10 (1-3)

York Sample ID: 17K0292-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 12:05 pm

11/07/2017

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
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	99	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
67-64-1	Acetone	8.2	J	ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR



Sample Information

Client Sample ID: SB10 (1-3)

York Sample ID: 17K0292-09

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:05 pm	<u>Date Received</u> 11/07/2017
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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
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR



Sample Information

Client Sample ID: SB10 (1-3)

York Sample ID: 17K0292-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 12:05 pm

11/07/2017

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
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
100-42-5	Styrene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 05:22	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
127-18-4	Tetrachloroethylene	1400		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 18:22	SR
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
79-01-6	Trichloroethylene	4.9	J	ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 05:22	SR

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	11/10/2017 11:36	11/10/2017 14:53	TJM



Sample Information

Client Sample ID: SB10 (4-5)

York Sample ID: 17K0292-10

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:30 pm	<u>Date Received</u> 11/07/2017
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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	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
95-63-6	1,2,4-Trimethylbenzene	2300		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
108-67-8	1,3,5-Trimethylbenzene	1600	J	ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	17000	34000	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
78-93-3	2-Butanone	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR



Sample Information

Client Sample ID: SB10 (4-5)

York Sample ID: 17K0292-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 12:30 pm

11/07/2017

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
591-78-6	2-Hexanone	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
67-64-1	Acetone	ND		ug/kg dry	1700	3400	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
107-02-8	Acrolein	ND		ug/kg dry	1700	3400	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
71-43-2	Benzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
75-25-2	Bromoform	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
74-83-9	Bromomethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
75-00-3	Chloroethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
67-66-3	Chloroform	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
74-87-3	Chloromethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
110-82-7	Cyclohexane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
74-95-3	Dibromomethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR



Sample Information

Client Sample ID: SB10 (4-5)

York Sample ID: 17K0292-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 12:30 pm

11/07/2017

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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
79-20-9	Methyl acetate	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
75-09-2	Methylene chloride	ND		ug/kg dry	1700	3400	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
104-51-8	n-Butylbenzene	3200		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
103-65-1	n-Propylbenzene	870	J	ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
95-47-6	o-Xylene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	1700	3400	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
99-87-6	p-Isopropyltoluene	3100		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
135-98-8	sec-Butylbenzene	2500		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
100-42-5	Styrene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 07:30	11/14/2017 21:11	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
127-18-4	Tetrachloroethylene	1400	J	ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
108-88-3	Toluene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
79-01-6	Trichloroethylene	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR



Sample Information

Client Sample ID: SB10 (4-5)

York Sample ID: 17K0292-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 12:30 pm

11/07/2017

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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	850	1700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	2500	5100	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:11	SR

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	2070		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH



Sample Information

Client Sample ID: SB10 (4-5)

York Sample ID: 17K0292-10

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:30 pm	<u>Date Received</u> 11/07/2017
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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
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
91-57-6	2-Methylnaphthalene	5940		ug/kg dry	118	235	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/14/2017 09:56	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
83-32-9	Acenaphthene	1020		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
120-12-7	Anthracene	553		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH



Sample Information

Client Sample ID: SB10 (4-5)

York Sample ID: 17K0292-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 12:30 pm

11/07/2017

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
92-87-5	Benzidine	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
117-81-7	Bis(2-ethylhexyl)phthalate	94.6		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
86-74-8	Carbazole	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
218-01-9	Chrysene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH



Sample Information

Client Sample ID: SB10 (4-5)

York Sample ID: 17K0292-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 12:30 pm

11/07/2017

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
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
206-44-0	Fluoranthene	123		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
86-73-7	Fluorene	1500		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
78-59-1	Isophorone	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
91-20-3	Naphthalene	1350		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
85-01-8	Phenanthrene	4690		ug/kg dry	118	235	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/14/2017 09:56	KH
108-95-2	Phenol	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
129-00-0	Pyrene	607		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,PADEP	11/13/2017 06:31	11/13/2017 16:20	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	66.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	68.1 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	118 %	S-08		22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	67.1 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	84.4 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	62.4 %			24-116						



Sample Information

Client Sample ID: SB10 (4-5)					York Sample ID: 17K0292-10
<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:30 pm	<u>Date Received</u> 11/07/2017	

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.8		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:34	11/10/2017 14:50	TJM

Sample Information

Client Sample ID: SB10 (6-7)					York Sample ID: 17K0292-11
<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:35 pm	<u>Date Received</u> 11/07/2017	

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	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR



Sample Information

Client Sample ID: SB10 (6-7)

York Sample ID: 17K0292-11

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:35 pm	<u>Date Received</u> 11/07/2017
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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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	26	51	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
591-78-6	2-Hexanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
67-64-1	Acetone	15		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
107-02-8	Acrolein	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
71-43-2	Benzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
75-25-2	Bromoform	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR



Sample Information

Client Sample ID: SB10 (6-7)

York Sample ID: 17K0292-11

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:35 pm	<u>Date Received</u> 11/07/2017
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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
75-00-3	Chloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
156-59-2	cis-1,2-Dichloroethylene	19		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
110-82-7	Cyclohexane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
79-20-9	Methyl acetate	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR



Sample Information

Client Sample ID: SB10 (6-7)

York Sample ID: 17K0292-11

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 12:35 pm	<u>Date Received</u> 11/07/2017
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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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
100-42-5	Styrene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/14/2017 04:30	11/14/2017 05:53	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
127-18-4	Tetrachloroethylene	25		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
108-88-3	Toluene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
79-01-6	Trichloroethylene	7.7		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.8	7.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 04:30	11/14/2017 05:53	SR

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	89.3		%	0.100	1	SM 2540G Certifications: CTDOH	11/10/2017 11:36	11/10/2017 14:53	TJM

Sample Information

Client Sample ID: SB08 (1-3)

York Sample ID: 17K0292-12

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 1:10 pm	<u>Date Received</u> 11/07/2017
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Sample Information

Client Sample ID: SB08 (1-3)

York Sample ID: 17K0292-12

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 1:10 pm	<u>Date Received</u> 11/07/2017
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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	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	71	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR



Sample Information

Client Sample ID: SB08 (1-3)

York Sample ID: 17K0292-12

<u>York Project (SDG) No.</u> 17K0292	<u>Client Project ID</u> SECO1703	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 7, 2017 1:10 pm	<u>Date Received</u> 11/07/2017
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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
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
67-64-1	Acetone	ND		ug/kg dry	3.6	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
107-02-8	Acrolein	ND		ug/kg dry	3.6	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
156-59-2	cis-1,2-Dichloroethylene	110		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR



Sample Information

Client Sample ID: SB08 (1-3)

York Sample ID: 17K0292-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 1:10 pm

11/07/2017

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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
75-09-2	Methylene chloride	ND		ug/kg dry	3.6	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 06:24	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
79-01-6	Trichloroethylene	82		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR



Sample Information

Client Sample ID: SB08 (1-3)

York Sample ID: 17K0292-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 1:10 pm

11/07/2017

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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 06:24	SR

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	11/10/2017 11:36	11/10/2017 14:53	TJM

Sample Information

Client Sample ID: SB08 (8-9)

York Sample ID: 17K0292-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 1:15 pm

11/07/2017

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	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR



Sample Information

Client Sample ID: SB08 (8-9)

York Sample ID: 17K0292-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 1:15 pm

11/07/2017

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
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
123-91-1	1,4-Dioxane	ND		ug/kg dry	60000	120000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
78-93-3	2-Butanone	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
591-78-6	2-Hexanone	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
67-64-1	Acetone	ND		ug/kg dry	6000	12000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
107-02-8	Acrolein	ND		ug/kg dry	6000	12000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
107-13-1	Acrylonitrile	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
71-43-2	Benzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
74-97-5	Bromochloromethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
75-27-4	Bromodichloromethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR



Sample Information

Client Sample ID: SB08 (8-9)

York Sample ID: 17K0292-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 1:15 pm

11/07/2017

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
75-25-2	Bromoform	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
74-83-9	Bromomethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
75-15-0	Carbon disulfide	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
108-90-7	Chlorobenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
75-00-3	Chloroethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
67-66-3	Chloroform	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
74-87-3	Chloromethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
156-59-2	cis-1,2-Dichloroethylene	7400		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
110-82-7	Cyclohexane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
124-48-1	Dibromochloromethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
74-95-3	Dibromomethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
98-82-8	Isopropylbenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
79-20-9	Methyl acetate	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
108-87-2	Methylcyclohexane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
75-09-2	Methylene chloride	ND		ug/kg dry	6000	12000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR



Sample Information

Client Sample ID: SB08 (8-9)

York Sample ID: 17K0292-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17K0292

SECO1703

Soil

November 7, 2017 1:15 pm

11/07/2017

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
104-51-8	n-Butylbenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
95-47-6	o-Xylene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6000	12000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
100-42-5	Styrene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: NELAC-NY10854-CT,NELAC-NY10854-Queens,	11/13/2017 07:30	11/14/2017 01:14	SR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
127-18-4	Tetrachloroethylene	3300000		ug/kg dry	60000	120000	20000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/14/2017 07:30	11/14/2017 21:44	SR
108-88-3	Toluene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
79-01-6	Trichloroethylene	13000		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
75-01-4	Vinyl Chloride	ND		ug/kg dry	3000	6000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8900	18000	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	11/13/2017 07:30	11/14/2017 01:14	SR

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	11/10/2017 11:36	11/10/2017 14:53	TJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17K0292-01	SB05 (0-2)	40mL Vial with Stir Bar-Cool 4° C
17K0292-02	SB05 (8-9)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17K0292-03	SB06 (7-8)	40mL Vial with Stir Bar-Cool 4° C
17K0292-04	SB14 (1-3)	40mL Vial with Stir Bar-Cool 4° C
17K0292-05	SB14 (7-8)	40mL Vial with Stir Bar-Cool 4° C
17K0292-06	SB07 (1-3)	40mL Vial with Stir Bar-Cool 4° C
17K0292-07	SB06 (2-3)	40mL Vial with Stir Bar-Cool 4° C
17K0292-08	SB07 (6-7)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17K0292-09	SB10 (1-3)	40mL Vial with Stir Bar-Cool 4° C
17K0292-10	SB10 (4-5)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17K0292-11	SB10 (6-7)	40mL Vial with Stir Bar-Cool 4° C
17K0292-12	SB08 (1-3)	40mL Vial with Stir Bar-Cool 4° C
17K0292-13	SB08 (8-9)	40mL 01_Clear Vial Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: There was no soil present in the Methanol VOC vial for sample SB08 (8-9).



Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Report Date: 10/09/2017
Client Project ID: SECO1702
York Project (SDG) No.: 17I1194

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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Report Date: 10/09/2017
Client Project ID: SECO1702
York Project (SDG) No.: 17I1194

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

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 September 28, 2017 and listed below. The project was identified as your project: **SECO1702**.

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>
17I1194-01	GW01	Water	09/28/2017	09/28/2017

General Notes for York Project (SDG) No.: 17I1194

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: 10/09/2017





Sample Information

Client Sample ID: GW01

York Sample ID: 17I1194-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17I1194	SECO1702	Water	September 28, 2017 10:40 am	09/28/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
75-35-4	1,1-Dichloroethylene	200		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
123-91-1	1,4-Dioxane	ND		ug/L	4000	4000	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
78-93-3	2-Butanone	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR



Sample Information

Client Sample ID: GW01

York Sample ID: 17I1194-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1194

SECO1702

Water

September 28, 2017 10:40 am

09/28/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
108-10-1	4-Methyl-2-pentanone	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
67-64-1	Acetone	310		ug/L	100	200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
107-02-8	Acrolein	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
107-13-1	Acrylonitrile	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
71-43-2	Benzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
74-97-5	Bromochloromethane	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
75-27-4	Bromodichloromethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
75-25-2	Bromoform	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
74-83-9	Bromomethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
75-15-0	Carbon disulfide	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
56-23-5	Carbon tetrachloride	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
108-90-7	Chlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
75-00-3	Chloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
67-66-3	Chloroform	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
74-87-3	Chloromethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
156-59-2	cis-1,2-Dichloroethylene	30000		ug/L	200	500	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 15:38	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
110-82-7	Cyclohexane	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
124-48-1	Dibromochloromethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
74-95-3	Dibromomethane	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR



Sample Information

Client Sample ID: GW01

York Sample ID: 17I1194-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1194

SECO1702

Water

September 28, 2017 10:40 am

09/28/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
98-82-8	Isopropylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
79-20-9	Methyl acetate	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
108-87-2	Methylcyclohexane	ND		ug/L	20	50	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
75-09-2	Methylene chloride	ND		ug/L	100	200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
104-51-8	n-Butylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
103-65-1	n-Propylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
95-47-6	o-Xylene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/09/2017 07:30	10/09/2017 13:48	SR
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854	10/09/2017 07:30	10/09/2017 13:48	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
135-98-8	sec-Butylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
100-42-5	Styrene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	50	100	100	EPA 8260C Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854-	10/09/2017 07:30	10/09/2017 13:48	SR
98-06-6	tert-Butylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
127-18-4	Tetrachloroethylene	190000	B	ug/L	400	1000	2000	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 16:06	SR
108-88-3	Toluene	110		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
156-60-5	trans-1,2-Dichloroethylene	33	J	ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
79-01-6	Trichloroethylene	6400		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR



Sample Information

Client Sample ID: GW01

York Sample ID: 17I1194-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17I1194

SECO1702

Water

September 28, 2017 10:40 am

09/28/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	1400		ug/L	20	50	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR
1330-20-7	Xylenes, Total	ND		ug/L	60	150	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N	10/09/2017 07:30	10/09/2017 13:48	SR



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17I1194-01	GW01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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



Certification for pH is no longer offered by NYDOH ELAP.

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

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



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Field Chain-of-Custody Record

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NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 17111091

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type							
Company: <u>Castleton Environmental Company</u> Address: <u>54 George St</u> Phone No.: <u>631 481 8114</u> Contact Person: <u>Jessica Teresi</u> E-Mail Address: <u>Jessica.Teresi@Castleton.com</u>		Company: _____ Address: _____ Phone No.: _____ Attention: _____ E-Mail Address: _____		Company: <u>SECTOR</u> Address: <u>SECTOR</u> Phone No.: _____ Attention: _____ E-Mail Address: _____		Project ID: _____ Purchase Order No.: _____ Samples from: CT NY X NJ		<input type="checkbox"/> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input checked="" type="checkbox"/> Standard (5-7 Days)		<input checked="" type="checkbox"/> Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASPA Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD)							
Matrix Codes: S - soil Other - specify (oil, etc.) W/W - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor			Volatiles: 8260 full 624 Site Spec. STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list			Semi-Vols., Pest/Herb: 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. IX list SPL Per TCLP			Metals: RCRA8 PPI3 list TAL CT 15 list TAGM list NIDEP list Total Dissolved SPL Per TCLP Indis. Metals LIST Below			Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium			Full Lists: Pri. Poll. TCL Organics TAL MatCN Full TCLP Full App. IX Part 360/404a Part 360/404b Part 360/404c Part 360/404d Part 360/404e NYDEP Sewer TOC Asbestos Silica		
Name (printed) <u>Charles Lambert</u> Samples Collected/Authorized By (Signature) <u>Charles Lambert</u>		Matrix Codes: <u>GW</u> <u>GW</u>		Sample Matrix <u>GW</u> <u>GW</u>		Date/Time Sampled <u>9/26/17 10:40</u> <u>9/26/17</u>		Choose Analyses Needed from the Menu Above and Enter Below <u>Volatile organic compounds by USEPA Method 8160</u> <u>3 VOA'S</u> <u>1 SAMPLE</u>		Container Description(s) _____ _____							
Comments: 4°C <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other Preservation Check those Applicable: <input type="checkbox"/> Special Instructions <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter																	
Samples Relinquished By: <u>Charles Lambert</u> Date/Time: <u>9/28/17 14:05</u> Samples Relinquished By: _____ Date/Time: _____						Samples Received By: <u>Jessica Teresi</u> Date/Time: <u>9/28/17 2018</u> Samples Received in LAB by: _____ Date/Time: _____											
Temperature on Receipt: <u>1.1</u> °C																	



APPENDIX D

Matrix A

 Carbon tetrachloride, 1,1-dichloroethene, *cis*-1,2-dichloroethene, trichloroethene

Sub Slab Vapor Conc (ug/m ³)		Indoor Air Concentration (ug/m ³)		
		<0.2	0.2 to <1	1 and Above
	Result			
<6		No Further Action	No further Action	Identify Source(s) and Resample or Mitigate
6 to <60		No Further Action	Monitor	Mitigate
60 and above		Mitigate	Mitigate	Mitigate

Matrix B

Methylene Chloride, tetrachloroethene, 1,1,1-trichloroethane

Sub Slab Vapor Conc (ug/m ³)		Indoor Air Concentration (ug/m ³)		
		<3	3 to <10	10 and Above
	Result			
<100		No Further Action	No Further Action	Identify Source(s) and Resample or Mitigate
100 to <1,000		No Further Action	Monitor	Mitigate
1,000 and above		Mitigate	Mitigate	Mitigate

Matrix C

Vinyl Chloride

Sub Slab Vapor Conc (ug/m ³) - PCE		Indoor Air Concentration (ug/m ³)	
		<0.2	0.2 and Above
	Result		
<6		No Further Action	Identify Source(s) and Resample or Mitigate
6 to <60		Monitor	Mitigate
60 and above		Mitigate	Mitigate