CASTLETON
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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
Principal

CASTLETON
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54 George Street, Babylon Village, NY 11702
631-482-1818 OFFICE
631-482-9042 FAX
www.castletonenv.com

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
jakerman@meridiancapital.com

PHASE II ENVIRONMENTAL SITE ASSESSMENT
188 2ND AVENUE
NEW YORK, NEW YORK
SEPTEMBER 2017
CASTLETON PROJECT NUMBER: SECO1701

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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."

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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

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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.

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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

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FIGURES

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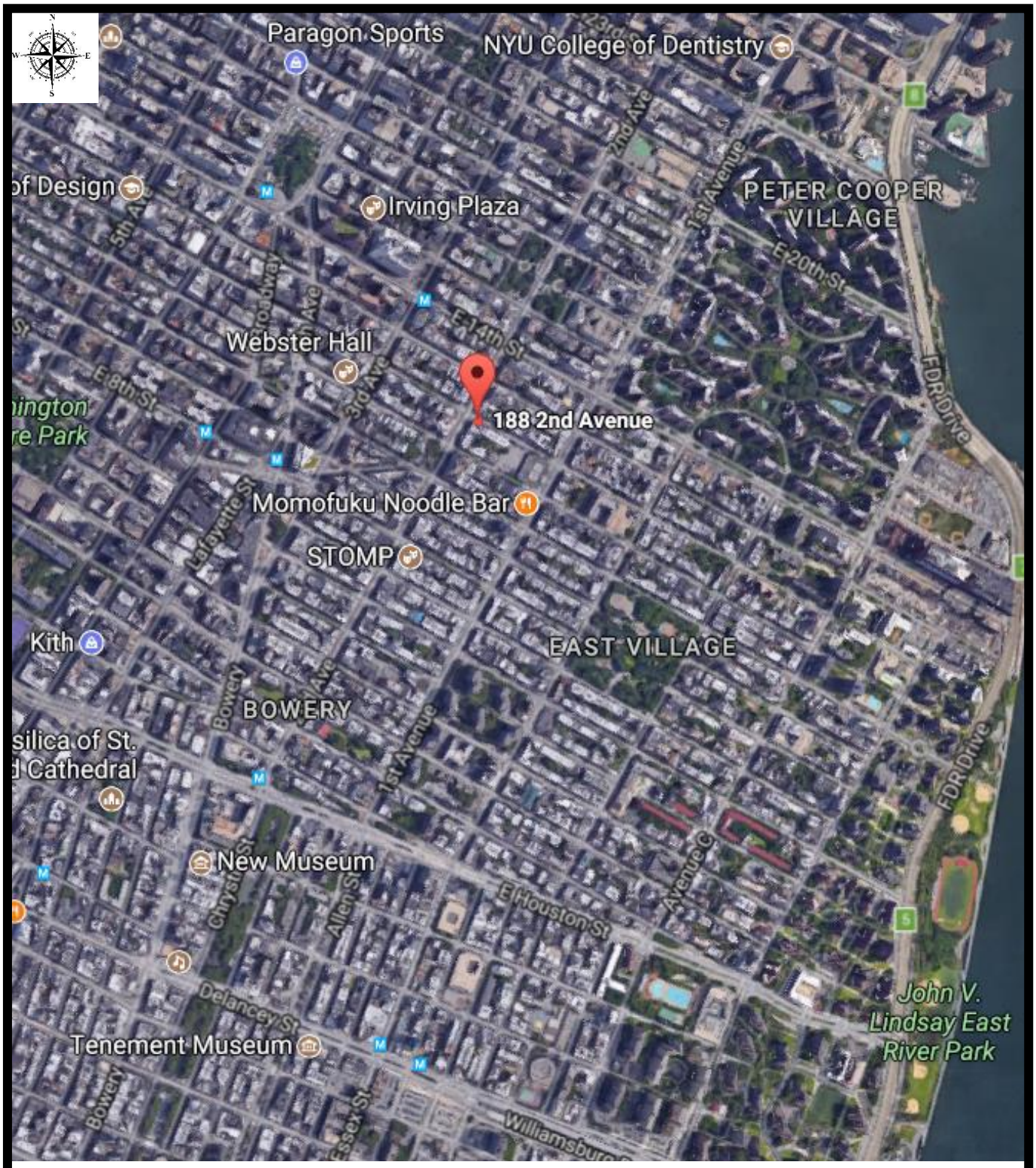

0 500 1000 1500 2000
(FEET)

Figure 1 – Vicinity Map

188 2ND AVENUE
NEW YORK, NEW YORK

CASTLETON ENVIRONMENTAL

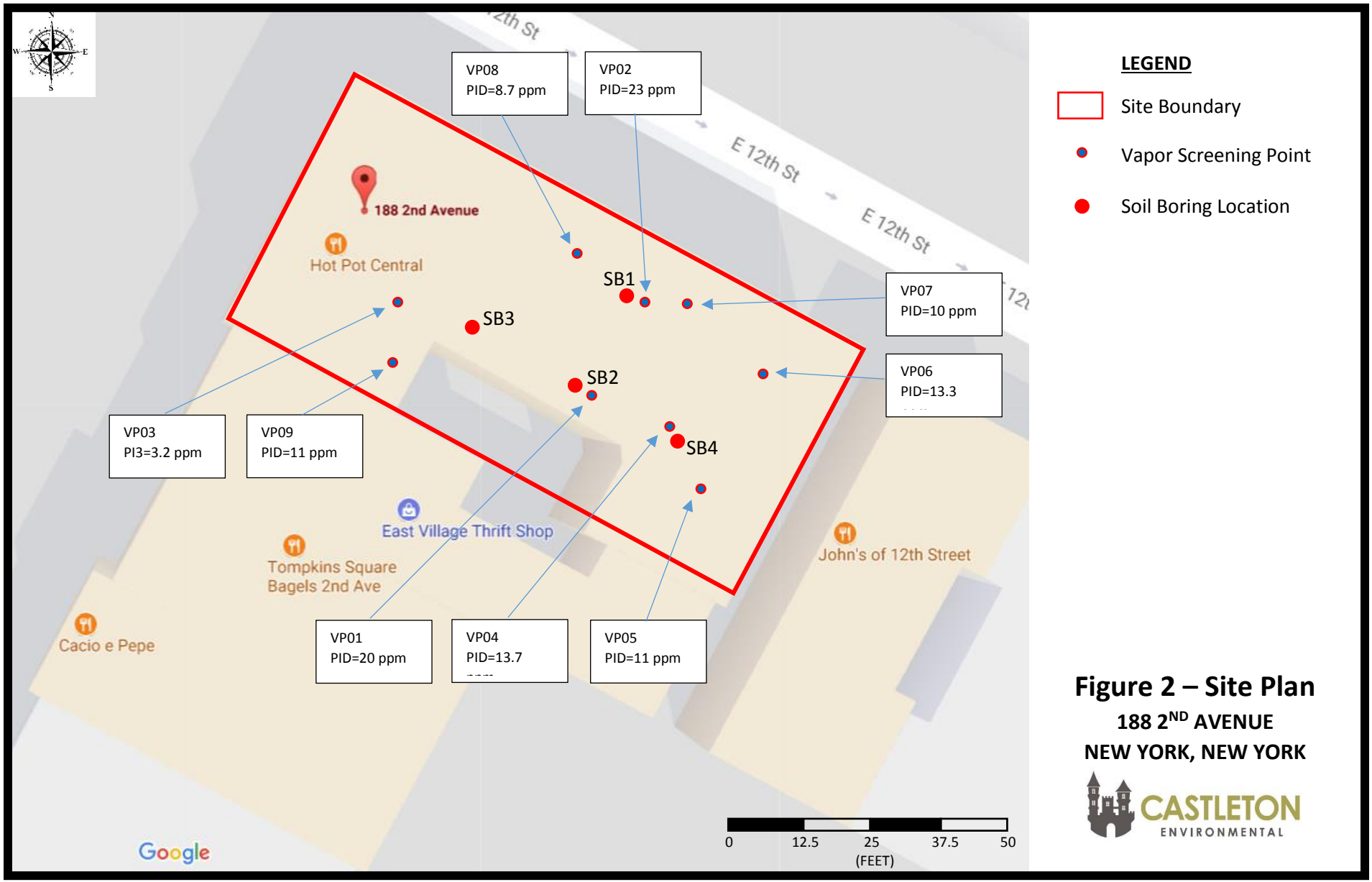

Figure 2 – Site Plan

188 2ND AVENUE

NEW YORK, NEW YORK

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APPENDIX A

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

Client Sample ID:		Part 375	Part 375	Part 375	SB1	SB2	SB3	SB4
Laboratory ID:		UUSCOs	POGSCOs	RRSCOs	1709066-001	1709066-002	1709066-003	1709066-004
Sampling Date:					09/12/2017	09/12/2017	09/12/2017	09/12/2017
Analyte:	Units:				Q	Q	Q	Q
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.
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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

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
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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

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES

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

Company Name: Castleton Environmental
Address: 54 George St
City: Babylon State: NY Zip: 11702
Project Contact: Jessica Ferngren
Phone #: 631 - 482 - 1818
E-mail: Jessicaf@castletonenv.com

Project Information

Project Name: SECO1701
Street: 188 2nd Ave
City: NY State: NY Zip:
Project #: SECO1701
Sampler's Name / Company: Moe Ramin / Castleton
Sampler's Signature:

Analytical Information

VOC 8260

LAB SAMPLE # (LAB USE ONLY)	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	Number of Each Preserved Bottle: NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	VOC 8260
1709066-001A	SB1		S	9/12/17	10:30am		4									X
002A	SB2		S		11:10am											X
003A	SB3		S		11:46											X
004A	SB4		S		12:20pm											X

Sample Containers

Number of Each Preserved Bottle

Turnaround Time (Business Days)

Standard
[X] 7-10 Business Days
[ ] 5 Day *RUSH*
[ ] 4 Day *RUSH*
[ ] 3 Day *RUSH*
[ ] 2 Day *RUSH*
[ ] 1 Day *RUSH*

SAMPLE TYPE

G = Grab
C = Composite
B = Blank

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: 4.0 R

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	9/12/17 3:20 pm	Moe Ramin	P. Mast	9/12/17 1520	P. Mast
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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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**	Jennifer Mullady
Completed By:	**Jenny Mullady**	**9/12/2017**	Jennifer Mullady
Reviewed By:	**Karen Kelly**	**9/12/2017**	Karen Kelly

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? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
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? (If no, notify customer for authorization.)	Yes ☑	No ☐	

Special Handling (if applicable)

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

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

American Analytical Laboratories, LLC.
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Farmingdale, New York 11735
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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 ASTMC1152, Water Soluble Chloride by ASTMC1218, 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.

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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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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-trifluoroethan	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.

Date: *18-Sep-17*

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

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**
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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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-trifluoroethan	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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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**
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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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-trifluoroethan	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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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

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**
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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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-trifluoroethan	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

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

American Analytical Laboratories, LLC.

Date: *18-Sep-17*

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**
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